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REMEDIAL ACTION PROGRESS REPORT
October 2004 through September 2005
U.S. Army, Fort Monmouth
Building 699, Main Post Gas Station
Fort Monmouth, Monmouth County, New Jersey
NJDEP Incident No.: 89-10-19-1329
NJDEP UST Registration No.: 0081533

March 2006

Prepared for:

Mr. Douglas Guenther
U.S. Army, Fort Monmouth
Building 173, SELFM-PW-EV
Fort Monmouth, New Jersey 07703

Prepared by:

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Reviewed by:

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Principal Hydrogeologist
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DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON-FORT MONMOUTH
FORT MONMOUTH, NEW JERSEY 07703-5101

REPLY TO
ATTENTION OF

Directorate of Public Works

June 12, 2007

State of New Jersey
Department of Environmental Protection
Division of Publicly Funded Site Remediation
Bureau of Case Management
401 East State Street
ATTN: Larry Quinn
CN 413
Trenton, NJ 08625

Re: Remedial Action Progress Report
Building 699, AEDB-R Site # FTMM-53
Fort Monmouth, New Jersey
Main Post

Dear Mr. Quinn:

Submitted for your review and edification, please find a copy of the above referenced report. Said report documents the Directorate of Public Works (DPW) efforts to operate and maintain the groundwater pump and treat and the air sparge/soil vapor extraction systems currently in use at Building 699. Said report has been prepared in accordance with N.J.A.C. 7:26E-6.6. The RAPR covers the operating period between October 2004 and September 2005. The RAPR documents ongoing site remediation efforts and the need for continued system operation and groundwater monitoring.

Should you have any questions or require any additional information regarding this report, please contact the undersigned at the following telephone number: (732) 532-6223.

Sincerely,

Joseph M. Fallon

Joseph M. Fallon, CHMM
Chief, Environmental Branch
Directorate of Public Works

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March 2006

Mr. Douglas Guenther
U.S. Army, Fort Monmouth Garrison
Directorate of Public Works
Building 173, Attention SELFM-PW-EV (Mr. Douglas Guenther)
Fort Monmouth, New Jersey 07703

Re: *Remedial Action Progress Report, October 2004 through September 2005*
Fort Monmouth Main Post Gas Station, Building 699
Fort Monmouth, New Jersey

Dear Mr. Guenther:

The enclosed Remedial Action Progress Report (RAPR) describes the groundwater pump and treat and the soil vapor extraction (SVE)/air sparge remediation systems installed and operating at the site during the period of October 2004 through September 2005. Continued operation of the remediation systems is recommended.

Per your previous instruction, the following are enclosed:

- (1) complete hard copy report for your files;
- (1) hard copy report without the hard copy lab data;
- (2) CD's, each with a copy of the full report.

If you should have any questions, please do not hesitate to contact me at (609) 409-6999, extension 214.

Sincerely,

Andrew Drake
Principal Hydrogeologist
NJDEP License Number 0010019

Enclosure

500 Campus Drive, Morganville, New Jersey 07751-0451 • (732) 536-8500 • FAX (732) 536-7751

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1.0 INTRODUCTION

The following Remedial Action Progress Report (RAPR) has been prepared by Handex of New Jersey, Inc. (Handex) on behalf of the United States Army Fort Monmouth, Directorate of Public Works in accordance with the New Jersey Department of Environmental Protection (NJDEP) "Technical Requirements for Site Remediation" rules (N.J.A.C. 7:26E). This report covers the time period of October 2004 through September 2005 and includes the following: a site summary, an overview of the operating remediation systems and remedial progress during the reporting period, results of groundwater sampling, and the proposed actions for the site.

2.0 SITE SUMMARY:

NJDEP Case Manager:	Mr. Greg Zalaskus New Jersey Department of Environmental Protection Bureau of Case Management
Report Submitted by:	Andy Drake, Handex of New Jersey, Inc.
Reporting Period:	October 2004 through September 2005
Report Date:	March 2006
NJDEP Case No.:	89-10-19-1329
UST No.:	0081533
RAW Status:	Original Remedial Action Workplan (RAW) submitted October 12, 1993 (written by The Krydon Group, Inc.). RAW Addendum (RAWA) submitted by GES on June 10, 1999 proposing current remedial systems. Second RAWA submitted by Versar dated October 9, 2000 for bioremediation of soil.
Remedial Status:	Groundwater pump and treat system and soil vapor extraction (SVE) systems operating. Enzyme-enhanced bioremediation effort completed.
Contaminants of Concern	BTEX and MTBE
Sampling Frequency:	Monitoring Wells-Quarterly; System-Monthly
Topography/Surface Water:	The site area is generally flat with a gentle slope to the southeast. The site is located approximately 15 feet above sea level. The closest surface water is Husky Brook located approximately 750 feet southeast (downgradient). A U.S.G.S topographic map of the site area is included as **Figure 1**.
Site Geology:	Predominately fine to medium grained sand with varying percentages of silt and clay; occasional gravel and silt/clay lenses present. The site is located in the Hornerstown Formation.
Hydrogeology:	Depth to water is between approximately 2.5 to 11.5 feet below grade. Groundwater flow is generally to the southeast and south/southeast.
Current Site Use:	The site serves as the only Main Post location for non-military vehicles to obtain fuel. A site plan illustrating the site layout is included as **Figure 2**.

Original Release: A leak from the UST system was discovered during routine inventory control and was reported to NJDEP on October 19, 1989; Incident Number 89-10-19-1329 was assigned to the site. Subsequent pressure testing identified a leak in the product piping, located between the USTs and the dispenser pump islands. The release amount was estimated at 11,000 gallons of gasoline (Krydon 1993). The faulty product piping was replaced and a separate-phase product recovery system was installed.

Remedial History:

- Dec 1989: Single-point dual-phase pumping system installed.
- Mar 1990: Second recovery well with dual-phase pumping system activated.
- Aug 1990: A total of 6,733 gallons of separate-phase product were recovered by the summer of 1990 (Krydon 1993).
- Jul 1990: Discharge Investigation and Corrective Action Report (DICAR) submitted.
- Oct 1993: Remedial Action Workplan (RAW) submitted (The Krydon Group, Inc.).
- Jun 1999: Remedial Action Workplan Addendum(RAWA) submitted proposing the currently operating pump-and-treat and soil vapor extraction (SVE) systems.
- Mar 2000: Soil borings conducted.
- Jun 2000: Soil borings conducted.
- Oct 2000: Second RAWA submitted (Versar) to conduct enzyme-enhanced bioremediation of soil in addition to planned pump-and-treat and SVE system.
- Nov 2000: Application of enzyme enhancements for bioremediation of soil.
- Apr 2001: Start-up of currently operating pump and treat system.
- May 2001: Post-bioremediation soil borings conducted – concentration decreases documented.
- Sep 2001: Start-up of currently operating soil vapor extraction (SVE) system.
- 2002 to Present: Groundwater system and SVE system continue to operate.

3.0 REMEDIATION STATUS

The pump-and-treat groundwater system and the soil vapor extraction (SVE)/air sparge system proposed in the June 1999 RAW Addendum were installed in 2001 and continued to operate during the reporting period. The systems were designed primarily for source-area hydrocarbon mass removal, groundwater hydraulic control of the source area, and reduction of soil and groundwater concentrations.

3.1 Soil Vapor Extraction/Air Sparge System

The SVE system was the primary means of hydrocarbon mass removal during the reporting period. Between October 5, 2004 and September 27, 2005 the equivalent of approximately 53 gallons of hydrocarbons were recovered and treated with the catalytic oxidizer treatment system. The basic system operating parameters including vacuums, flow rates and concentrations for the reporting period are included on **Table 1**. **Figure 3** illustrates the system influent concentrations, as well as the cumulative recovery during the reporting period.

The SVE system extracts soil vapor from three recovery wells, RW-3, RW-4, and RW-11, and nine vapor laterals (VL1 – VL9). The vapor laterals were installed approximately 5-6 feet below grade and consist of two 5-foot long sections of 4-inch diameter well screen connected to a vertical riser pipe. The vapor lateral screens were bedded in sand, and bentonite was used to seal the trenches and vertical risers. An as-built survey of the recovery system layout showing the locations of the recovery wells, vapor laterals, and air sparge points is included as **Figure 4**. An illustration of the system components is shown in the process and instrumentation diagram included as **Figure 5**.

The air sparge system consists of an air sparge compressor and eight sparge wells, as shown on **Figures 4** and **5**. Operation of the air sparge system began in April 2003, following the observed drop-off in soil gas concentrations entering the SVE system. The sparge system typically provides between 5 to 9 psi to the individual sparge wells, and air flow rates recorded for the individual sparge wells are typically between 4 and 10 cfm.

The SVE treatment system operates between 230 and 290 cfm. The air discharge is permitted (#20013-010001) and the system operated in compliance with the discharge limitations throughout the reporting period.

3.2 Separate-Phase Product Recovery

Separate-phase product did not accumulate in the operating recovery wells RW-3, RW-4, and RW-11 during the reporting period. Separate-phase product or product films have not been recorded in the recovery wells since August 2002. The recovery well gauging data for the current reporting period is included in **Appendix A**.

3.3 Pump-and-Treat Groundwater System

The pump-and-treat system that began operating on April 20, 2001, continued to operate during the reporting period. The primary goals of the pump-and-treat system is to facilitate the collection of separate-phase product if present (discussed above), maintain hydraulic control of the source area, and aid SVE recovery by maintaining drawdown in the recovery wells and preventing groundwater mounding that would otherwise be caused by the SVE system.

The groundwater pump-and-treat system includes three recovery wells, RW-3, RW-4, and RW-11, equipped with down-hole electric submersible pumps controlled by conductivity probes. The three recovery wells are set to maintain approximately 3-5 feet of drawdown. This drawdown promotes gravity drainage of separate-phase product (if present) to the recovery wells and facilitates SVE recovery by eliminating water table upwelling in the dual purpose groundwater recovery/soil vapor extraction wells. The recovery well drawdown and hydraulic influence of the pumping wells is shown in the water table contour maps constructed for the four groundwater sampling events conducted during the reporting period (see **Figures 6** through **9**).

The groundwater pumped from the recovery wells is directed to a groundwater treatment plant that includes an air stripper and three granular activated carbon (GAC) units to remove the volatile organics from the water prior to discharge to the local POTW. An illustration of the system components is shown in the process and instrumentation diagram, included as **Figure 10**. A table of the monthly flow meter readings and cumulative gallons pumped is included as **Table 2**. During the reporting period, the system treated approximately 1,492,000 gallons of water, averaging approximately 4,090 gallons per day. **Table 2** also includes the monthly system influent concentrations of total BTEX/MTBE/TBA concentrations and the calculated hydrocarbon mass recovery. Based on **Table 2**, approximately 0.4 pounds of dissolved-phase hydrocarbons were removed by the groundwater pumping system during the reporting period.

The system operated in compliance with the water discharge limitations set by the Two Rivers Reclamation Authority (Permit# 01-0020) and the air discharge limitations for the air stripper (NJDEP Air Permit #20013-010001). The laboratory analytical reports for the monthly system samples are included in **Appendix B**.

4.0 GROUNDWATER SAMPLING

Four quarterly groundwater-sampling events were performed during the reporting period on the following dates: December 3 & 6, 2004; March 3 & 7, 2005; May 23 & 26, 2005; and September 9, 2005. The groundwater sampling was conducted in accordance with NJDEP's Technical Requirements and the NJDEP's Field Sampling Procedures Manual. The groundwater sampling was completed by TECOM-Vinnell Services, Inc. (TVS), and the samples were analyzed by Fort Monmouth Directorate of Public Works (DPW) Environmental Testing Laboratory (NJDEP Certification #13461). The results are summarized in **Table 3** are plotted on **Figures 6** through **9**. The field sampling data sheets and the laboratory analytical reports are included as **Appendices C** through **F**.

Groundwater sampling included the following thirteen wells: 699MW-1, -2, -3, -4, -5, -6, -8, -9, -12, -15, -16, 699RW-11, and 616MW-1. The samples were analyzed for volatile organic compounds plus a library search (VOCs+15) via USEPA Method 624. In addition, groundwater samples were analyzed for lead via EPA Method 3113B.

4.1 Volatile Organic Analytical Results

The following wells were non-detect or below the NJDEP's Ground Water Quality Standards (GWQS) during all four sampling rounds for all volatile organic parameters:

- 616MW-1 (upgradient monitoring well)
- 699MW-2 (upgradient monitoring well)
- 699MW-5 (sidegradient monitoring well)
- 699MW-15 (upgradient monitoring well)
- 699MW-8 (sidegradient monitoring well)
- 699MW-9 (downgradient monitoring well)
- 699MW-12 (downgradient monitoring well)

Continued quarterly sampling for many of these perimeter wells may not be necessary.

The five source area wells included in the sampling program exceeded the GWQS for one or more of the BTEX/MTBE/TBA compounds. These five wells are as follows:

- 699MW-1 (source area monitoring well)
- 699MW-3 (source area monitoring well)
- 699MW-4 (source area monitoring well)
- 699MW-6 (source area/downgradient compliance monitoring well)
- 699RW-11 (source area recovery well)

Historical concentration graphs for each well and compound since 1995 are included as part of the laboratory data packages in **Appendices C** through **F**. Referring to these graphs, significant concentration decreases have occurred in all five source area wells since the current remediation systems went online in 2001. The most significant concentration fluctuation noted during the reporting period was the MTBE concentration in 699MW-3 which went from non-detect in December 2004, to 1,341 ppb in March 2005, and back to non-detect in May and September 2005. The reason for this one round of elevated MTBE concentrations in 699MW-3 is not known.

Monitoring well 699MW-16 was the one well to contain a non-petroleum volatile organic compound above the GWQS during the reporting period. Tetrachloroethene (PCE) was detected above the 1-ppb GWQS in 699MW-16 during two of the four sampling events (1.09 ppb on December 2, 2004 and 1.37 ppb on September 8, 2005). No other concentrations above the GWQS were detected in 699MW-16 during any of the four sampling events. PCE is not normally associated with gasoline.

4.2 Lead Analytical Results

In addition to the volatile organic analysis, the quarterly groundwater samples were analyzed for lead. The lead analytical results are included in **Table 3** and the results are summarized below.

The following wells were non-detect or below the 5-ppb GWQS for lead during all four sampling events:

- 616MW-1 (upgradient monitoring well)
- 699MW-2 (upgradient monitoring well)
- 699MW-4 (source area monitoring well)
- 699MW-6 (source area/downgradient compliance monitoring well)
- 699MW-8 (up/sidegradient monitoring well)
- 699MW-9 (downgradient monitoring well)
- 699MW-12 (sidegradient monitoring well)
- 699MW-16 (upgradient monitoring well)

The remaining five wells were non-detect or below the 5-ppb GWQS for lead except as noted below:

- 699MW-1 (source area monitoring well): 9.62 ppb lead 12/3/04; 6.26 ppb lead 9/8/05
- 699MW-3 (source area monitoring well): 7.37 ppb lead 12/3/04; 16.0 ppb lead 9/8/05
- 699MW-5 (sidegradient monitoring well): 12.9 ppb lead 9/8/05
- 699MW-15 (upgradient monitoring well): 8.35 ppb lead 5/26/05
- 699RW-11 (source area recovery well): 6.71 ppb lead 9/8/05

It should be noted that the pre-sampling well purging was accomplished using a traditional three-volume well purge technique rather than a slow purge/low-flow sampling technique. The DPW has used the low-flow sampling methodology at other sites to reduce the suspended solids in the samples that resulted in significantly lower analytical results for metals. Employing a low-flow sampling methodology at this site may result in lower lead analytical results.

5.0 LABORATORY QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) REVIEW

In order to verify the reliability of the analytical results, Handex reviewed the holding times for each sample and the results of the analysis of method blanks, trip blanks, field blanks, and field duplicate samples.

All samples were analyzed by the Fort Monmouth Environmental Testing Laboratory (FMETL) within the prescribed holding time requirements for each analytical method.

<u>Method Blanks</u>
A laboratory method blank accompanied each round of samples collected at the 699 site. These

method blanks consist of laboratory-grade water that is processed identically to the samples and analyzed with the sample batch. At least one method blank was analyzed with each of the ten sampling rounds. The method blanks were analyzed for volatile organic compounds (VOCs) plus a library search for tentatively identified compounds (TICs).

Chloroform was detected in two method blanks from the December 2004 groundwater sampling event at 0.91 ppb and 0.55 ppb, both below the 6-ppb NJDEP GWQS.

In addition to VOCs, the laboratory method blanks were analyzed for lead. The method blank samples were non-detect for lead during all four groundwater sampling events.

Trip Blanks

A trip blank accompanied each round of samples collected at the 699 site to document that volatile organics were not introduced into the samples during the handling process. The trip blanks were prepared by the FMETL and consisted of sample bottles filled with laboratory deionized water. The trip blanks remained with the sample bottles in coolers and were returned to the laboratory for analysis with the groundwater samples.

Chloroform was detected in three trip blanks from the December 2004 groundwater sampling event and two trip blanks from the May 2005 groundwater sampling event. December 2004 trip blanks contained chloroform concentrations of 1.06 ppb, 1.07 ppb, and 1.96 ppb. May 2005 trip blanks contained chloroform concentrations of 0.73 ppb and 0.59 ppb. All chloroform concentrations detected in trip blanks during the reporting period were below the 6-ppb NJDEP GWQS.

The detection of chloroform indicates that the sample handling procedures, including the sample glassware, may have introduced contamination into the sampling and analysis process. The presence of chloroform in the trip blanks indicates the presence of these compounds in the monitoring well samples may have been at least partially an artifact of the laboratory. The reported concentrations of chloroform in the monitoring well samples should not be considered an accurate reflection of the actual groundwater concentration for this compound.

Field Blanks

One field blank sample was obtained during each day's sampling activities to document equipment decontamination procedures. One field blank was collected during each of the sampling rounds of groundwater sampling conducted at the 699 site. The field blanks were collected by rinsing deionized water, supplied by the laboratory, over the sampling equipment used for each day's activities. The water was collected in clean laboratory-supplied sample jars and submitted for analysis along with the groundwater samples. The primary contaminants of concern for the 699 site, BTEX and MTBE, were not detected in any of the field blank samples.

The results of the field blank analyses showed that one VOC was detected in at least four field blanks. Chloroform was detected in four of the field blanks at concentrations below the NJDEP GWQS. As noted for the trip blanks, the detection of chloroform indicates that the sample handling procedures, including the sample glassware, may have introduced contamination into

the sampling and analysis process. In addition, the same VOCs found in the field blanks were also found in the trip blanks, suggesting that the sampling and decontamination procedures may or may not have introduced additional contamination. The presence of chloroform in the field blanks indicates the presence of these compounds in the monitoring well samples may have been at least partially an artifact of the laboratory. The reported concentrations of chloroform in the monitoring well samples should not be considered an accurate reflection of the actual groundwater concentration for chloroform.

In addition to VOCs, the field blanks were analyzed for lead. The field blank samples were non-detect for lead during all four groundwater sampling events.

Duplicate Samples

One field duplicate sample was also collected during each day of sampling to verify the consistency of the entire sampling and analytical procedure. The duplicate sample VOC results were close to those obtained for the referenced wells. The duplicate samples were collected from the following wells:

- December 3, 2004: 0699MW-06
- March 4, 2005: 0699MW-06
- March 7, 2005: 0699MW-08
- May 23, 2005: 0699MW-03
- May 26, 2005: 0699MW-04
- September 8, 2005: 0699RW-11

Calculating the relative percent difference (RPD) in total VOC concentrations between the duplicate sample and the original groundwater sample was possible in three of the four sampling rounds. For the remaining one event (March 2005), RPD calculations were not possible as either the duplicate sample or the original groundwater sample was non-detect for all VOCs. The total average VOC RPDs for the three groundwater sampling events where the RPD could be calculated are as follows: 5.6% for the December 2004 sampling event, 19% for the May 2005 sampling event, and 3.8% for the September 2005 sampling event, all of which are considered acceptable RPDs for this type of sampling.

In addition to VOCs, the duplicate samples were also analyzed for lead. The RPD for lead concentrations between the original groundwater samples and the duplicate samples for the September 2005 sampling event is 27%. For the remaining three events, RPD calculations were not possible as either the duplicate sample or the original groundwater sample was non-detect for lead.

6.0 CONCLUSIONS

The data supports the conclusion that the chosen remedial strategy is working.

- Hydrocarbons are being recovered by the remediation systems.
  - The SVE system recovered approximately 53 equivalent gallons of hydrocarbons during the reporting period. Since start-up of the SVE system in September 2001,

approximately 5,029 equivalent gallons of hydrocarbons have been recovered to date.
  - Approximately 0.4 pounds of dissolved-phase hydrocarbons were recovered during the reporting period with the groundwater pump and treat system.
- Liquid-phase hydrocarbons are no longer present in the site wells. Measurable quantities of liquid-phase hydrocarbons were last recorded during the June 26, 2002 groundwater-sampling event (0.16 feet in 699MW-1), and liquid-phase hydrocarbon films were last recorded in the recovery wells in August 2002 (RW-3).
- In general, there has been a significant reduction in the dissolved-phase gasoline constituents (BTEX/MTBE/TBA) observed in the source-area monitoring wells between the pre-2001/pre-SVE system operation time period, and the sampling results collected after mid-2002.
- The groundwater pump and treat system continues to maintain hydraulic control at the source area.
  - The hydraulic influence of the three pumping wells is shown on **Figures 6** through **9**.
  - Downgradient monitoring wells 699MW-9 and 16 have remained non-detect or below GWQS for BTEX, MTBE, and TBA.
- Continued system operation and hydrocarbon recovery should result in continued decreases in soil and groundwater concentrations. However, with the significant hydrocarbon recovery that has already occurred and the associated drop-off in observed hydrocarbon concentrations, future rates of recovery are expected to be less than previously recovered.

7.0 RECOMMENDATIONS

The following actions are recommended:

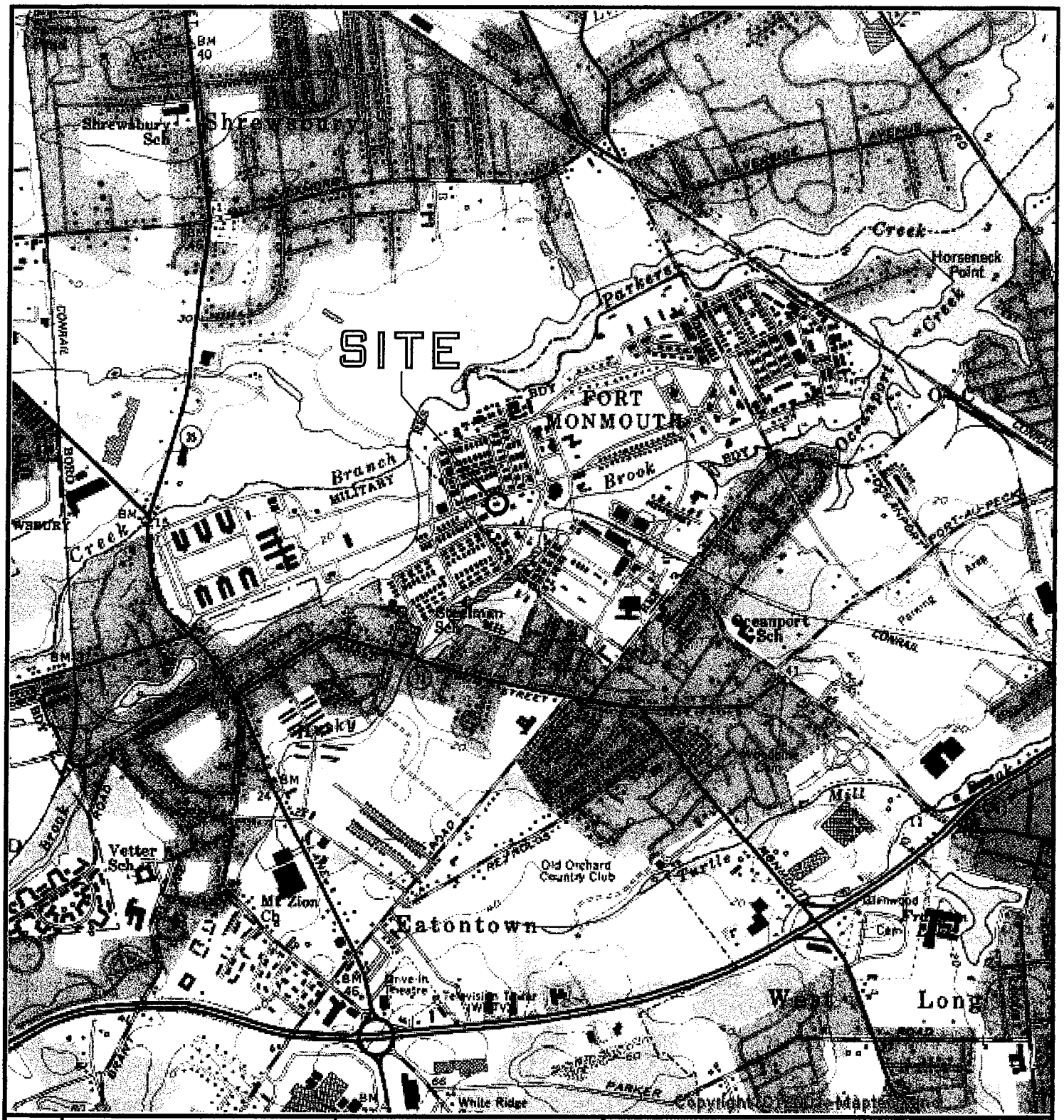
- Continue operation of the remediation systems.
- Continue quarterly groundwater sampling. Reduction in the sampling frequency from quarterly to annually is recommended for the following wells: 699MW-2, -5, -8, , -15, -16, and 616MW-1. Low-flow purging/sampling for lead is recommended.
- DPW will review the possibility of connecting 699MW-3 to the soil vapor extraction/GW pump and treat system due to high concentrations of BTEX in the well which appears to be outside of any sufficient recovery well influence.
- Prepare and submit the next Remedial Action Progress Report. Report to include information from the fourth quarter of 2005 through the third quarter of 2006.

7.1 Sampling Program

The table below provides a summary of the current quarterly groundwater sampling program at the 699 site and may identify proposed changes. Alterations involving laboratory analyses and the elimination or sampling frequency of certain wells in the program are based on the distribution of the COCs over time. Proposed changes will be implemented unless otherwise directed by the NJDEP.

Groundwater Sampling Program

Monitoring Well	Analyzed for	Future Sampling Status	Reason
616-MW-1	VOCs, lead	Annual proposed;	Upgradient well; VOCs below criteria for 18 rounds
699MW-1	VOCs, lead	Continue Quarterly	Monitor source area concentrations
699MW-2	VOCs, lead	Annual proposed	Monitor background concentrations
699MW-3	VOCs, lead	Continue Quarterly	Monitor source area concentrations
699MW-4	VOCs, lead	Continue Quarterly	Monitor source area concentrations
699MW-5	VOCs, lead	Annual proposed	Sidegradient well; VOCs below criteria for 15 rounds
699MW-6	VOCs, lead	Continue Quarterly	Monitor source area concentrations
699MW-7	-----	-----	Abandoned
699MW-8	VOCs,	Annual proposed	Sidegradient well; VOCs and lead below criteria for 17 rounds
699MW-9	VOCs	Continue Quarterly	Monitor down-gradient concentrations; Lead below criteria for 17 rounds
699MW-10	-----	-----	Abandoned
699MW-12	VOCs	Continue Quarterly	Monitor down-gradient concentrations; Lead below criteria for 17 rounds
699MW-13	-----	-----	UST pit well
699MW-14	-----	-----	UST pit well
699MW-15	VOCs, lead	Annual proposed	Upgradient well; VOCs below criteria for 17 rounds
699MW-16	VOCs	Annual proposed	Monitor down-gradient concentrations; BTEX below criteria for 18 rounds; Lead ND for 17 rounds. Down-gradient concentrations monitored by MW-9 and MW-12
699RW-4	VOCs, lead	Begin Quarterly	Monitor source area concentrations; No other nearby well
699RW-11	VOCs, lead	Continue Quarterly	Monitor source area concentrations



LONG BRANCH, N.J.
40073-C8-TF-024

1954
PHOTOREVISED 1981
DMA 6164 I SE-SERIES V822

NEW JERSEY

QUADRANGLE LOCATIION

0 1/2 1 KM
SCALE IN KILOMETERS

SCALE 1 TO 24000

1000 0 1000 2000 3000
SCALE IN FEET

0 1/2 1 MILE
SCALE IN MILES

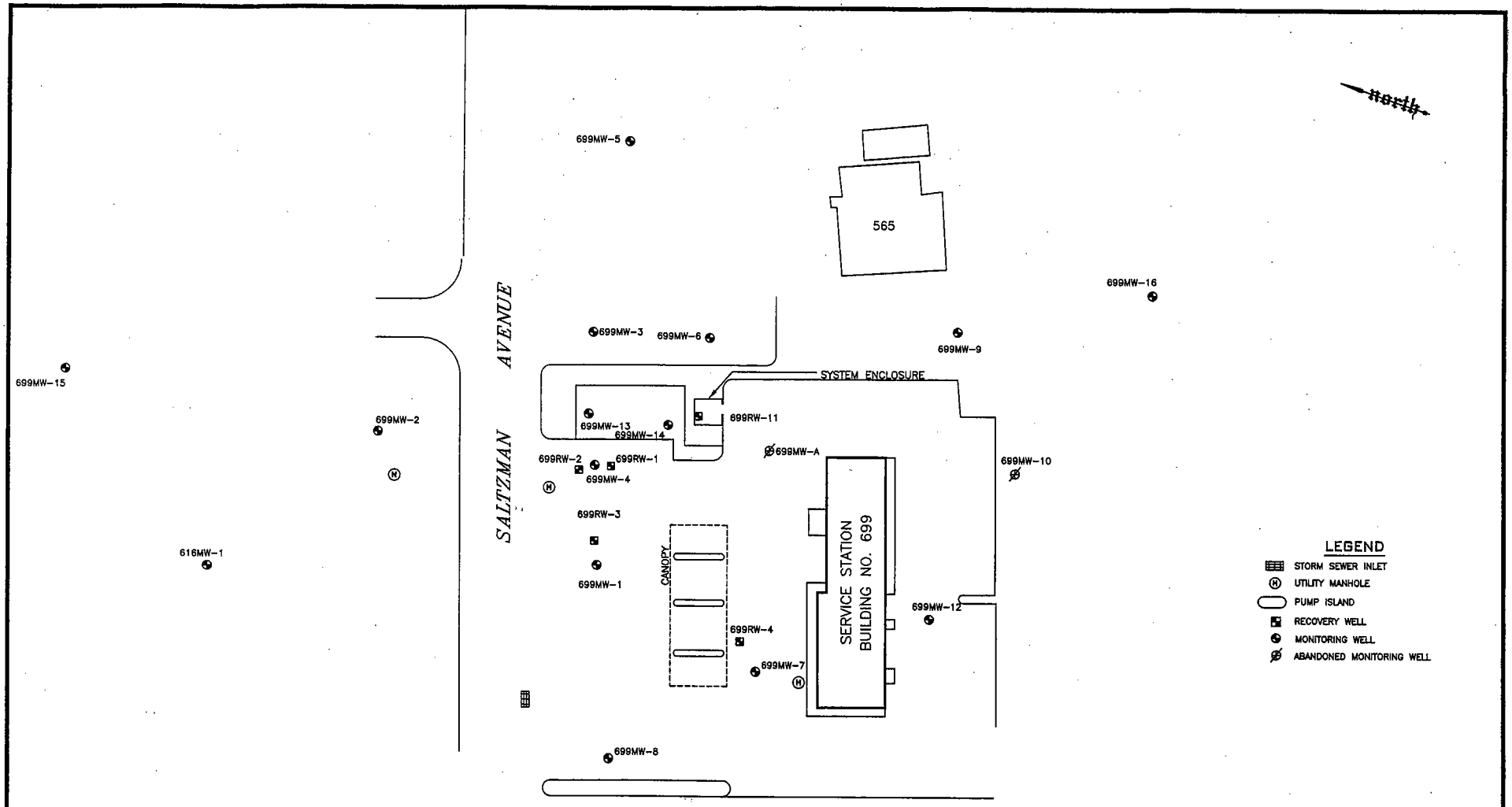
HANDEX
HANDEX OF NEW JERSEY, INC. 900 CAMPUS DRIVE P.O. BOX 451, MORGANVILLE, NEW JERSEY, 07751

FIGURE 1

U.S.G.S. TOPOGRAPHIC MAP

US ARMY - FORT MONMOUTH
BUILDING No. 699
EATONTOWN, NEW JERSEY

SCALE- AS NOTED	DATE- 5/28/04
DRAWN BY- B.J.S.	JOB #- 121739
DWG NAME- S:\CADDATA\DRAFTING\MAXX2\121739topo	



NOTE:

BASEPLAN PREPARED BY: GROUNDWATER & ENVIRONMENTAL SERVICES, INC.

0 10 20 30 40 50 100

SCALE EQUALS : 1 INCH = 50 FEET

HANDEX

HANDEX OF NEW JERSEY, INC. 500 CAMPUS DRIVE P.O. BOX 451, MORGANVILLE, NEW JERSEY, 07751

FIGURE 2

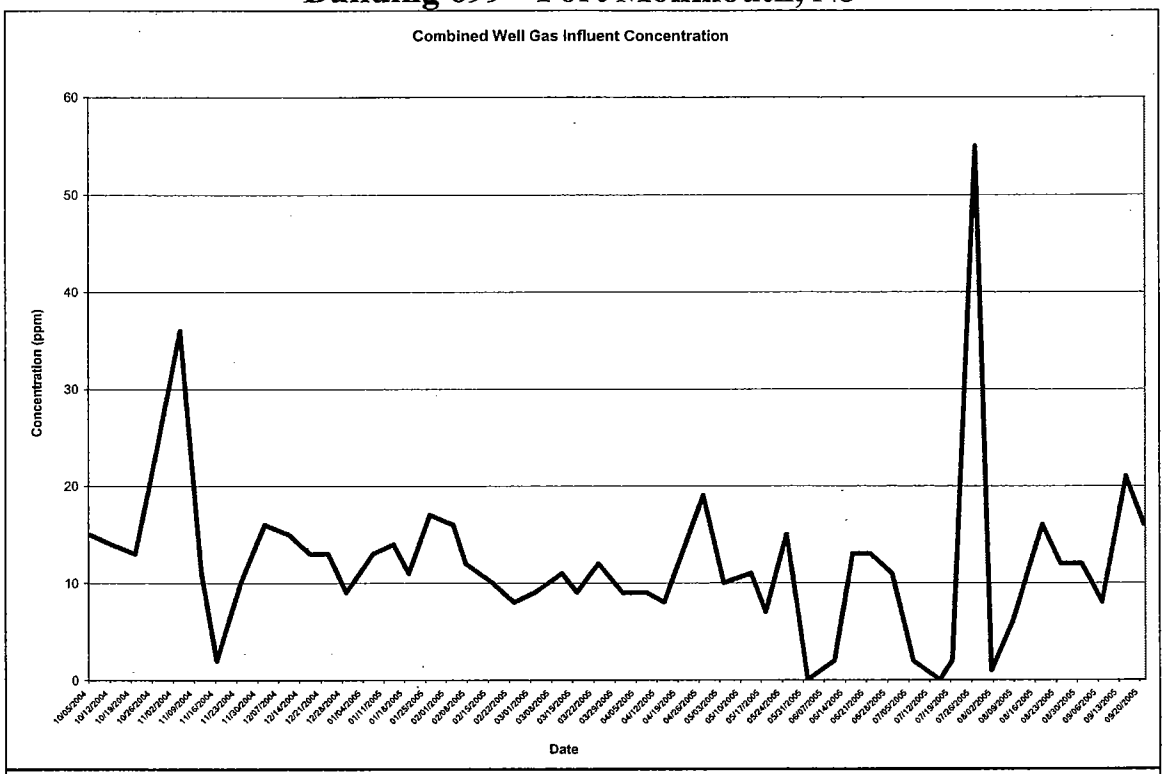
SITE PLAN

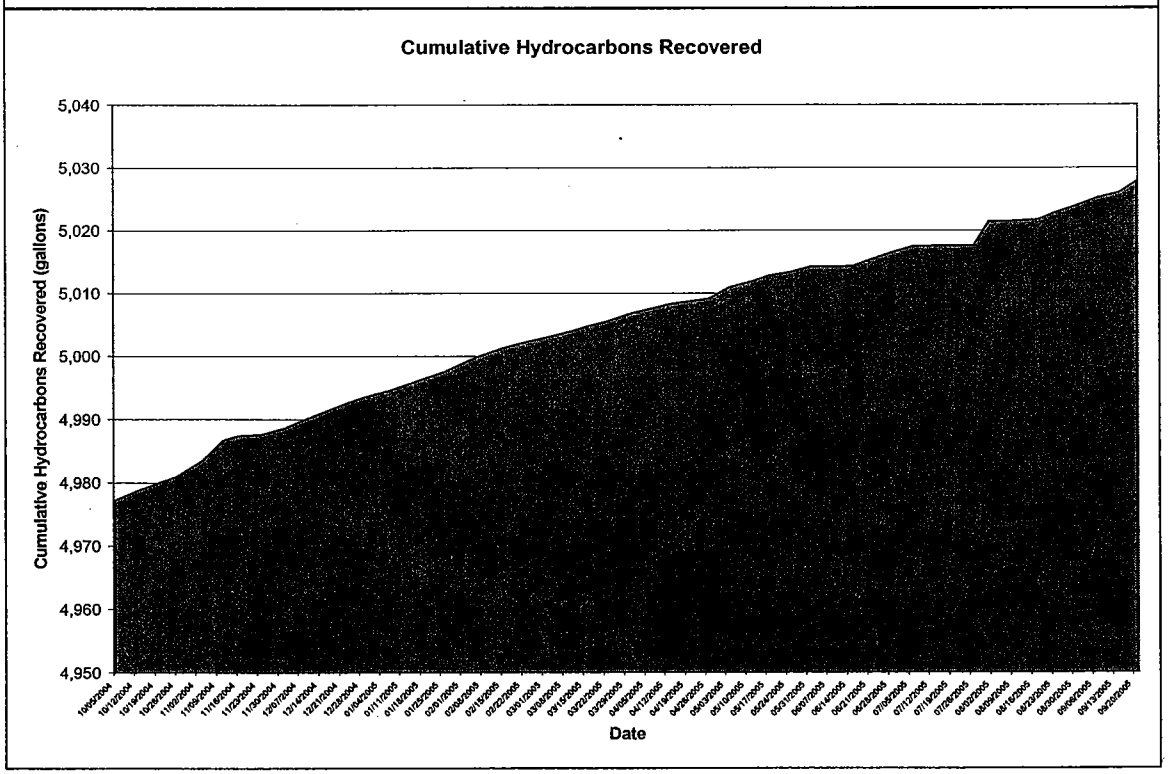
US ARMY - FORT MONMOUTH
BUILDING No. 699
EATONTOWN, NEW JERSEY

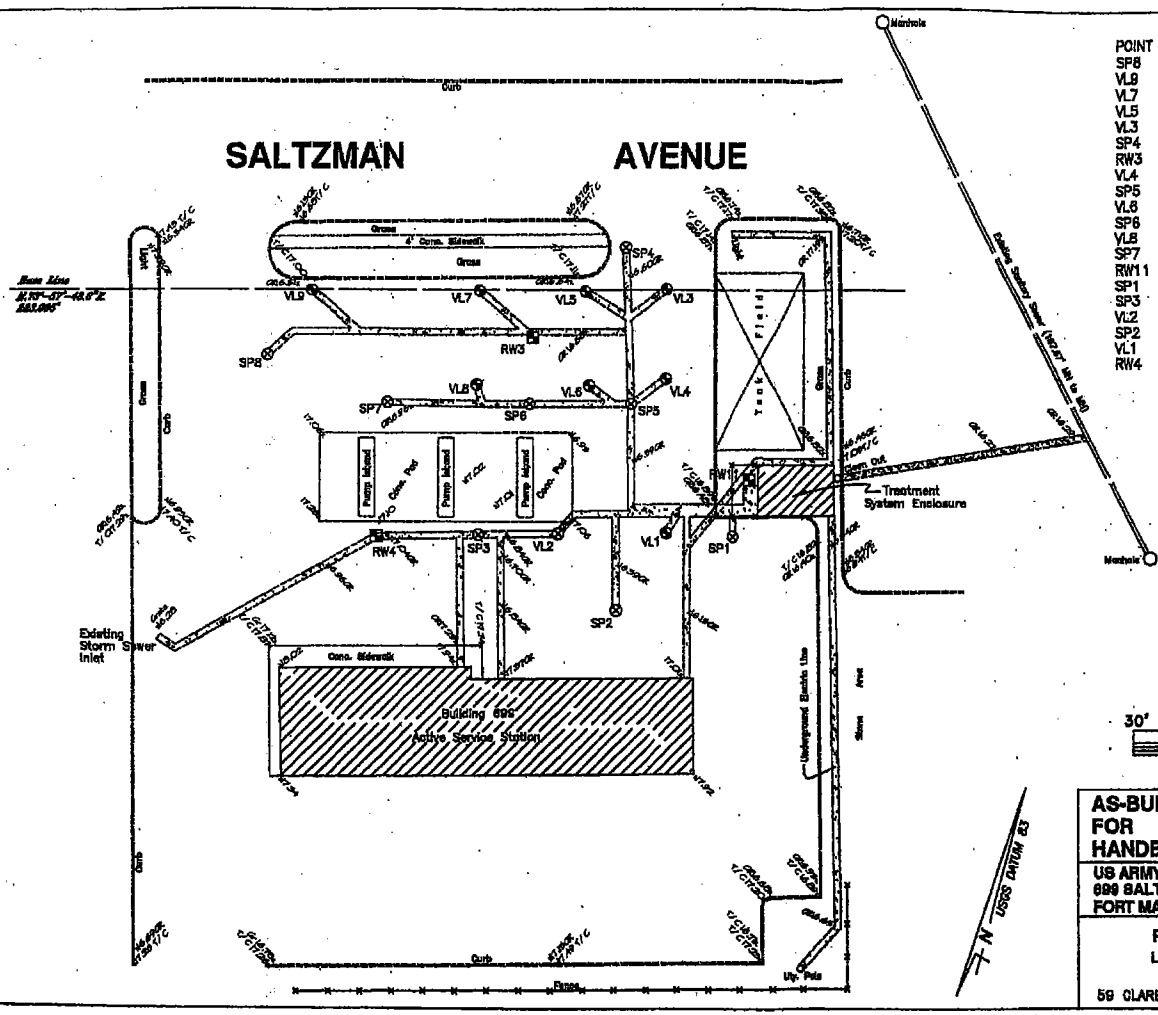
SCALE-	1" = 50'	DATE-	5/26/04
DRAWN BY-	W.B.J.S.	JOB No.-	121759
DWG NAME-	S:\CADDATA\DRAFTING\MAXX2\121759		

Figure 3

Soil Vapor Extraction Influent Concentrations & Recovery Graphs
Building 699 - Fort Monmouth, NJ







POINT	NORTHING	EASTING	CASING	GROUND
SP8	539060.02	618612.96	16.56	16.79
VL9	539083.33	618621.17	16.24	16.57
VL7	539097.22	618672.28	16.32	16.70
VL5	539105.80	618704.38	16.31	16.60
VL3	539113.36	618729.09	16.30	16.69
SP4	539122.30	618713.05	16.32	16.63
RW3	539087.55	618692.35	15.96	16.76
VL4	539088.23	618736.36	16.20	16.50
SP5	539075.62	618727.66	16.28	16.61
VL6	539077.67	618713.41	16.44	16.71
SP6	539067.15	618698.89	16.45	16.87
VL8	539068.63	618679.24	16.69	16.80
SP7	539055.71	618653.48	16.79	17.10
RW11	539062.53	618770.43	16.43	16.93
SP1	539043.95	618770.18	15.98	16.30
SP3	539023.13	618692.41	16.56	16.80
VL2	539030.08	618716.43	16.52	16.78
SP2	539011.47	618740.51	15.92	16.36
VL1	539039.42	618749.39	16.24	16.45
RW4	539014.00	618661.33	16.47	17.16

=LEGEND=

- VAPOR EXTRACTION CELL
- AIR SPARGE POINT
- GROUNDWATER RECOVERY WELL AND VAPOR EXTRACTION POINT
- TRENCH
- T/C 17.34 — SPOT ELEVATION (USGS DATUM 83)
- T/C 17.17 — TOP OF CURB ELEV. (USGS DATUM 83)
- GE 16.34 — GROUND ELEVATION (USGS DATUM 83)

30' 15' 0' 30' 60' 90'

SCALE: 1" = 30'

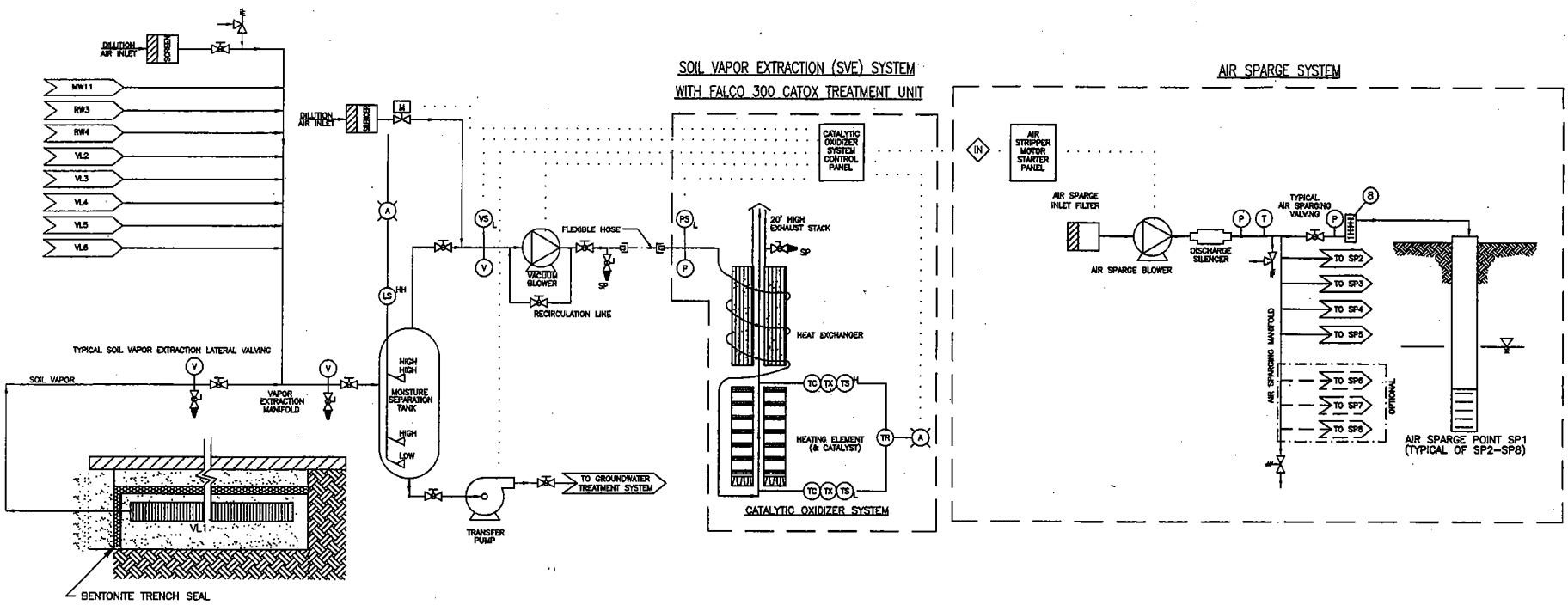
AS-BUILT SURVEY FOR HANDEX OF NEW JERSEY

FIG. 4

US ARMY
699 SALTZMAN AVENUE
FORT MANMOUTH, NEW JERSEY

PAUL BERG ASSOCIATES
LICENSED LAND SURVEYOR & PROFESSIONAL PLANNER
59 CLARENDON CT. METUCHEN, N. J.

DATE: 6/12/2001
SCALE: 1"=30'
DRG. No. 109338



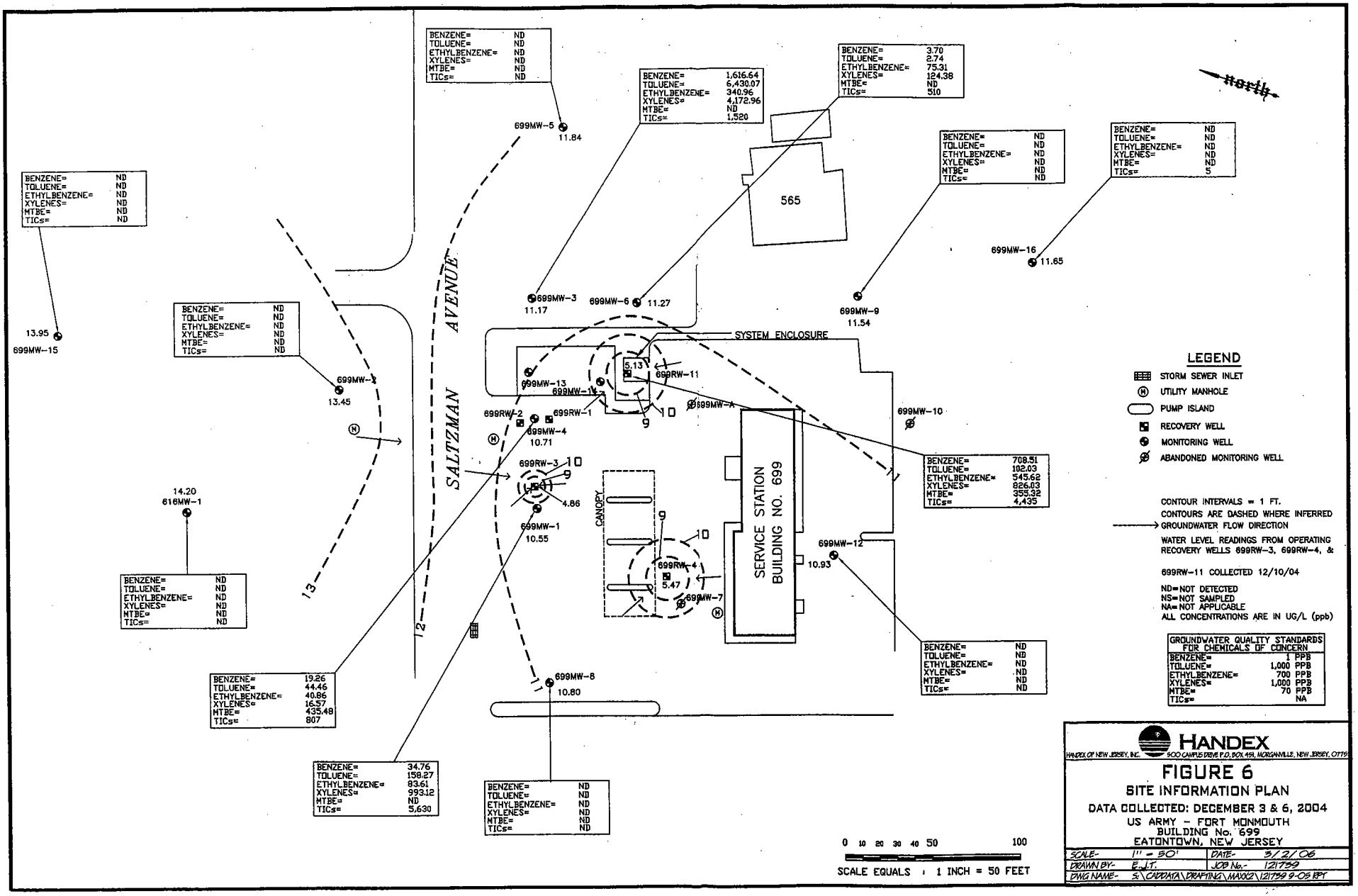
LEGEND

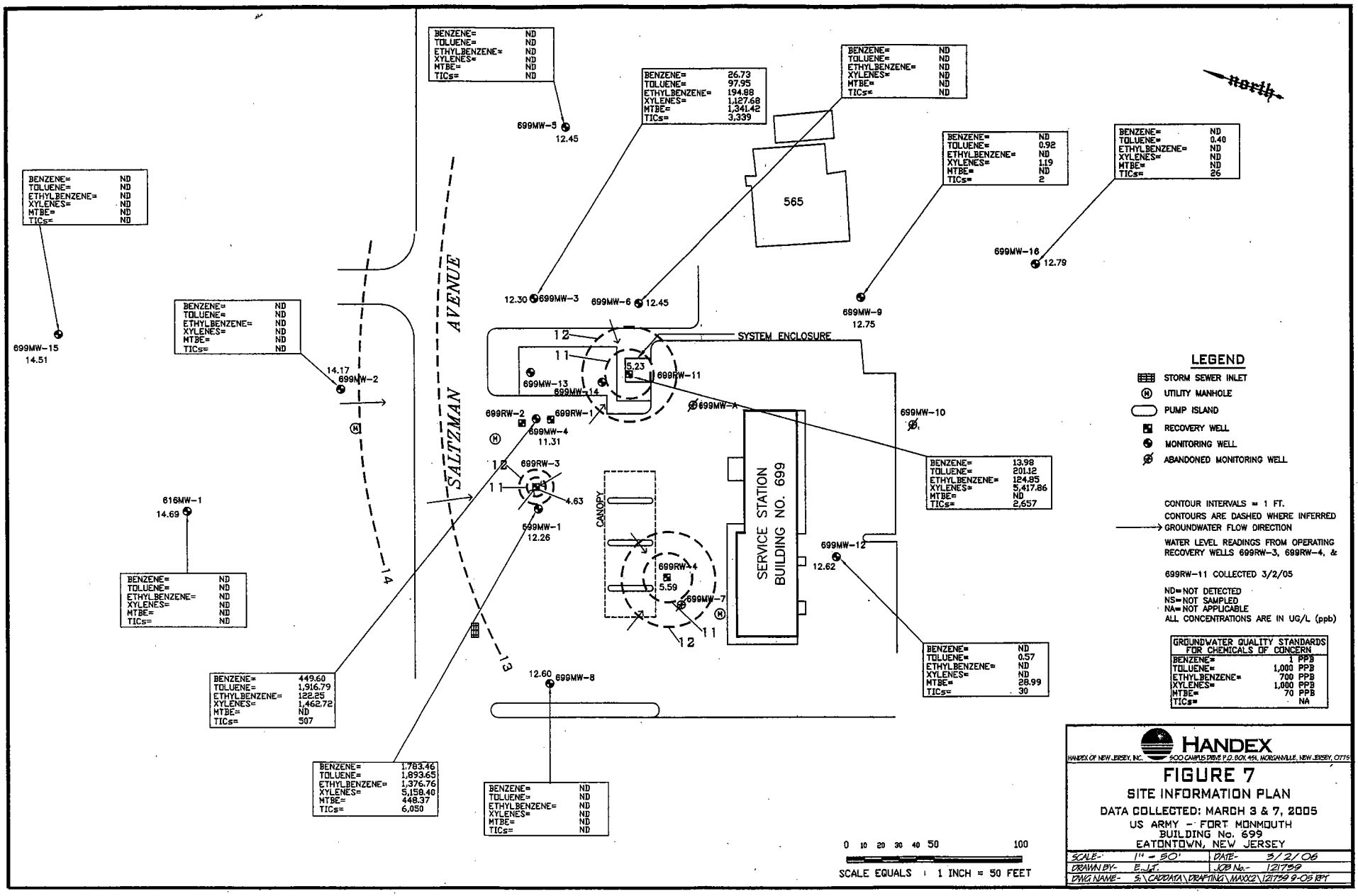
- BALL VALVE
- VACUUM GAUGE
- SAMPLE PORT
- LEVEL SENSOR
- VACUUM RELIEF VALVE
- PRESSURE RELIEF VALVE
- PRESSURE GAUGE
- TEMPERATURE GAUGE
- ALARM
- VACUUM SWITCH
- THERMAL COUPLE
- TEMPERATURE RECORDER
- TEMPERATURE SENSOR
- PROCESS FLOW LINE
- ELECTRIC/CONTROL LINE
- ROTAMETER FLOWMETER
- MOTOR ACTIVATED VALVE

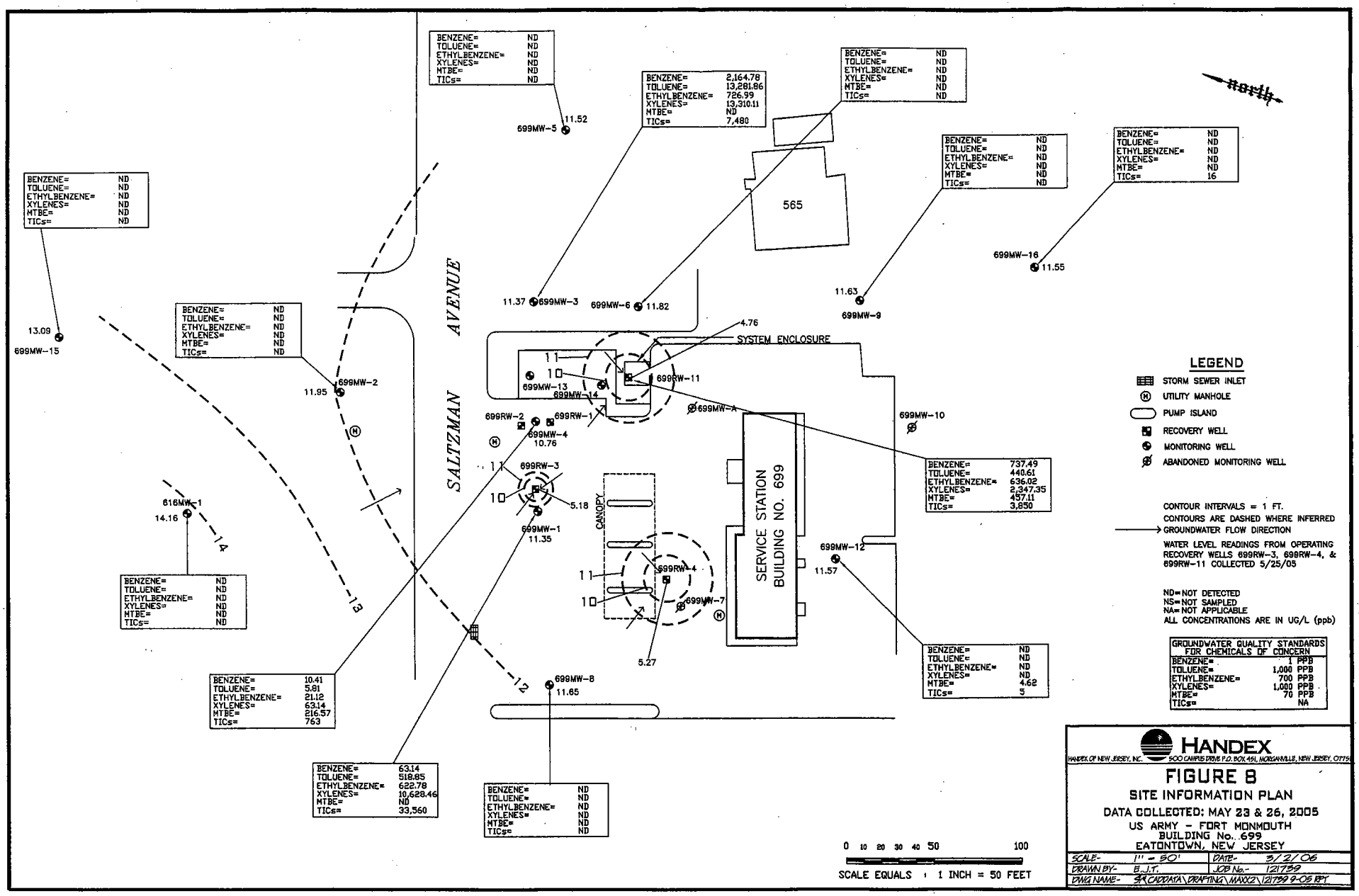
HANDEX
HANDEX OF NEW JERSEY, INC.
300 CAMPUS DRIVE
MORGANVILLE, NEW JERSEY

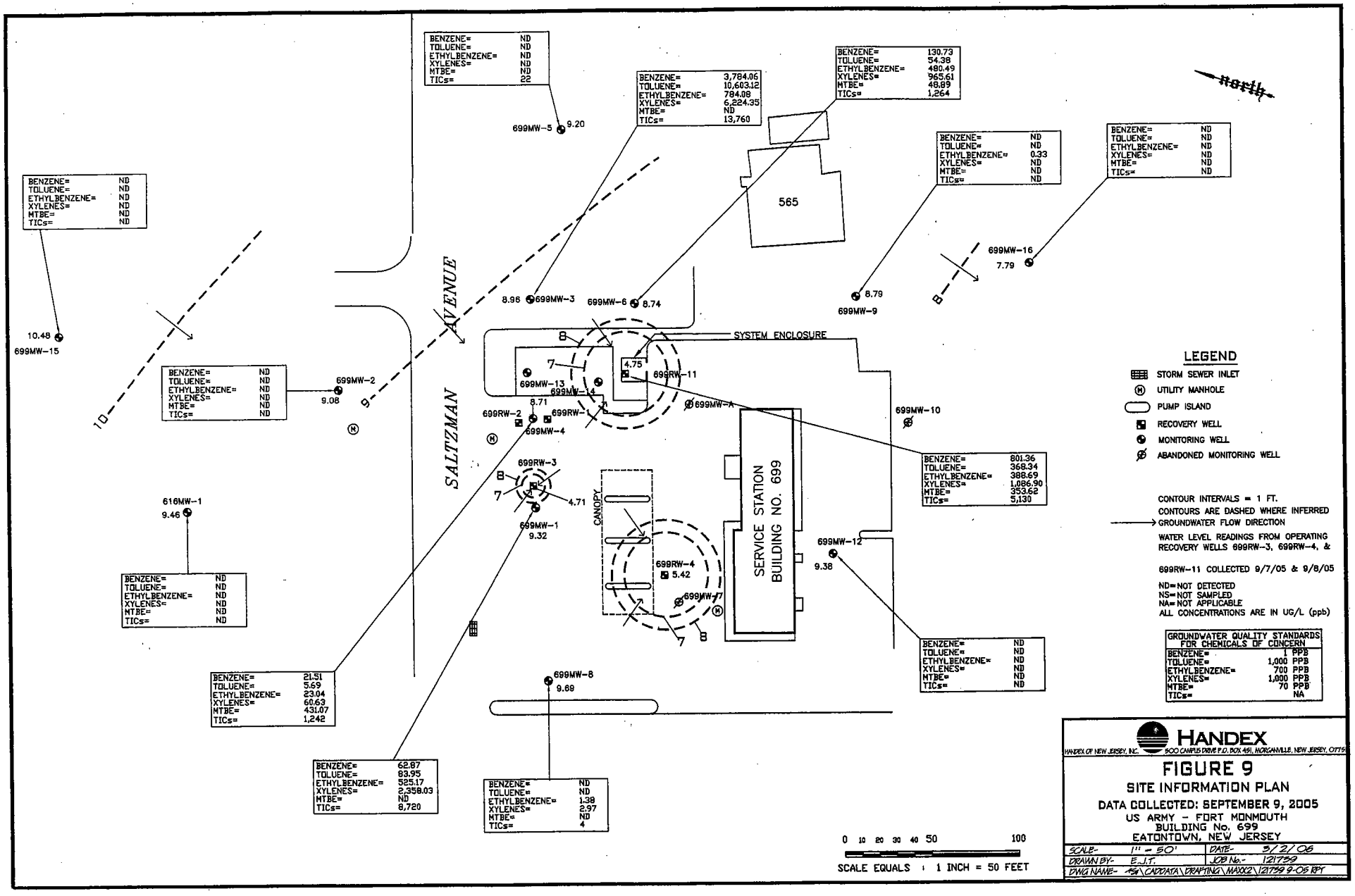
FIGURE 5
SVE/AIR SPARGE TREATMENT SYSTEM P&ID
US ARMY BASE
MAIN POST GAS STATION, BUILDING 699
FORT MONMOUTH, NEW JERSEY

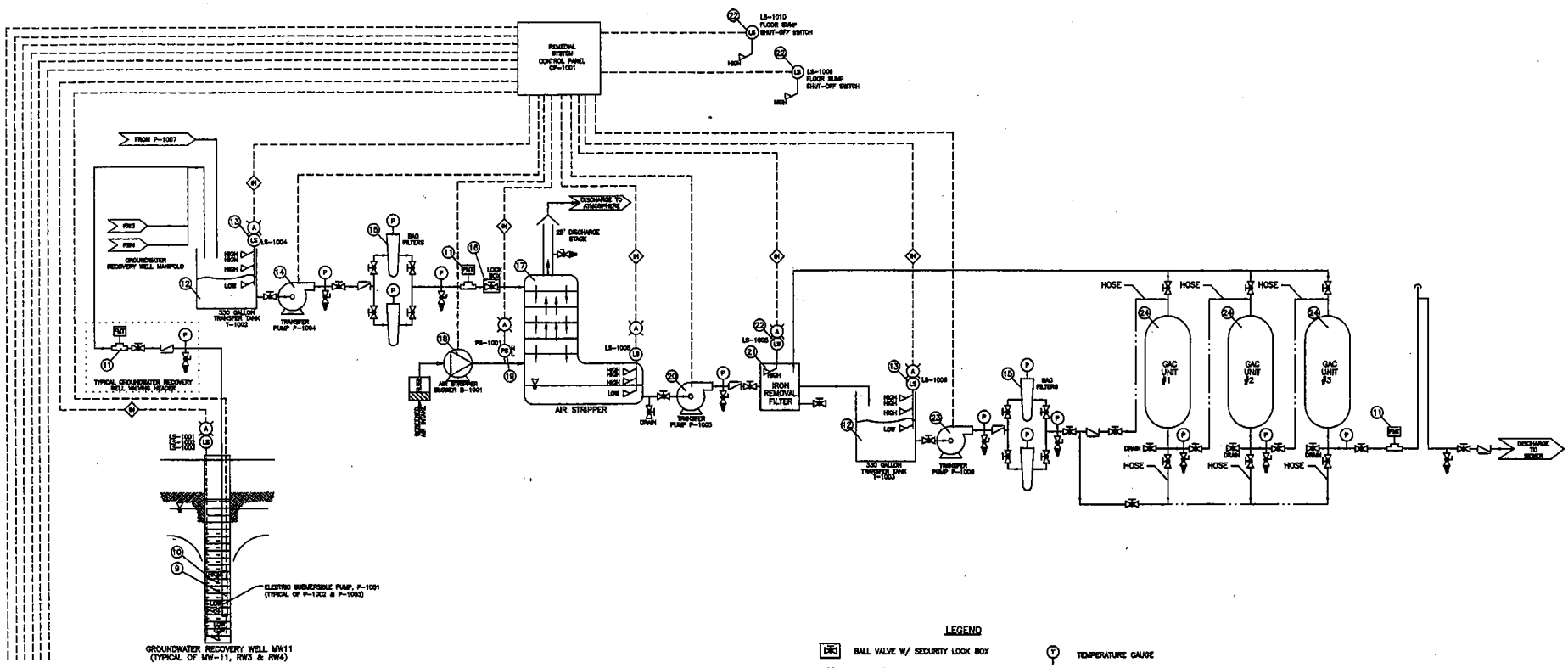
DRAWN BY	DER	JOB NO.	121739.000.
DATE	8/3/04	DISK NO.	S:\CADDATA\...\HAX02\
REV. BY	BJS	DWG. NAME-	121739SVE-PID


BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
699MW-5
11.84
BENZENE= 1,616.64
TOLUENE= 6,430.07
ETHYLBENZENE= 340.96
XYLENES= 4,172.96
MTBE= ND
TICs= 1,520
BENZENE= 3.70
TOLUENE= 2.74
ETHYLBENZENE= 75.31
XYLENES= 124.38
MTBE= ND
TICs= 510
North
565
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= 5
699MW-16
11.65
699MW-9
11.54
699MW-3
11.17
699MW-6
11.27
SYSTEM ENCLOSURE
5.13
699RW-11
699MW-13
699MW-14
699MW-A
699MW-10
699RW-2
699RW-1
699MW-4
10.71
699RW-3
4.86
699MW-1
10.55
CANOPY
699RW-4
5.47
699MW-7
SERVICE STATION
BUILDING NO. 699
BENZENE= 708.51
TOLUENE= 102.09
ETHYLBENZENE= 545.62
XYLENES= 826.03
MTBE= 355.32
TICs= 4,435
699MW-12
10.93
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
13.95
699MW-15
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
699MW-2
13.45
SALTZMAN AVENUE
14.20
616MW-1
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
BENZENE= 19.26
TOLUENE= 44.46
ETHYLBENZENE= 40.86
XYLENES= 16.57
MTBE= 435.48
TICs= 807
BENZENE= 34.76
TOLUENE= 158.27
ETHYLBENZENE= 83.61
XYLENES= 993.12
MTBE= ND
TICs= 5,630
699MW-8
10.80
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
LEGEND
STORM SEWER INLET
UTILITY MANHOLE
PUMP ISLAND
RECOVERY WELL
MONITORING WELL
ABANDONED MONITORING WELL
CONTOUR INTERVALS = 1 FT.
CONTOURS ARE DASHED WHERE INFERRED
GROUNDWATER FLOW DIRECTION
WATER LEVEL READINGS FROM OPERATING RECOVERY WELLS 699RW-3, 699RW-4, &
699RW-11 COLLECTED 12/10/04
ND=NOT DETECTED
NS=NOT SAMPLED
NA=NOT APPLICABLE
ALL CONCENTRATIONS ARE IN UG/L (ppb)
GROUNDWATER QUALITY STANDARDS FOR CHEMICALS OF CONCERN
BENZENE= 1 PPB
TOLUENE= 1,000 PPB
ETHYLBENZENE= 700 PPB
XYLENES= 1,000 PPB
MTBE= 70 PPB
TICs= NA
0 10 20 30 40 50 100
SCALE EQUALS 1 INCH = 50 FEET
HANDEX
HANDEX OF NEW JERSEY, INC. 500 CAMPUS DRIVE P.O. BOX 451, MORGANVILLE, NEW JERSEY, 07751
FIGURE 6
SITE INFORMATION PLAN
DATA COLLECTED: DECEMBER 3 & 6, 2004
US ARMY - FORT MONMOUTH
BUILDING No. 699
EATONTOWN, NEW JERSEY
SCALE- 1" = 50'
DATE- 3/21/06
DRAWN BY- E.J.T.
JOB No.- 121759
DWG NAME- S:\CADDATA\DRAFTING\MAX02\121759 9-05 RBT


BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
699MW-5
12.45
BENZENE= 26.73
TOLUENE= 97.95
ETHYLBENZENE= 194.88
XYLENES= 1,127.68
MTBE= 1,341.42
TICs= 3,339
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
565
BENZENE= ND
TOLUENE= 0.92
ETHYLBENZENE= ND
XYLENES= 1.19
MTBE= ND
TICs= 2
BENZENE= ND
TOLUENE= 0.40
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= 26
699MW-16
12.79
699MW-9
12.75
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
699MW-15
14.51
12.30 699MW-3
699MW-6 12.45
SYSTEM ENCLOSURE
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
14.17
699MW-2
SALTZMAN AVENUE
699MW-13
699MW-14
5.23
699RW-11
699MW-A
699MW-10
699RW-2
699RW-1
699MW-4
11.31
699RW-3
4.63
CANOPY
SERVICE STATION BUILDING NO. 699
BENZENE= 13.98
TOLUENE= 201.12
ETHYLBENZENE= 124.95
XYLENES= 5,417.86
MTBE= ND
TICs= 2,657
616MW-1
14.69
699MW-1
12.26
699RW-4
5.59
699MW-7
699MW-12
12.62
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
BENZENE= 449.60
TOLUENE= 1,916.79
ETHYLBENZENE= 122.25
XYLENES= 1,462.72
MTBE= ND
TICs= 507
12.60 699MW-8
BENZENE= ND
TOLUENE= 0.57
ETHYLBENZENE= ND
XYLENES= ND
MTBE= 28.99
TICs= 30
BENZENE= 1,783.46
TOLUENE= 1,893.65
ETHYLBENZENE= 1,376.76
XYLENES= 5,158.40
MTBE= 448.37
TICs= 6,050
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
0 10 20 30 40 50 100
SCALE EQUALS 1 INCH = 50 FEET
LEGEND
STORM SEWER INLET
UTILITY MANHOLE
PUMP ISLAND
RECOVERY WELL
MONITORING WELL
ABANDONED MONITORING WELL
CONTOUR INTERVALS = 1 FT.
CONTOURS ARE DASHED WHERE INFERRED
GROUNDWATER FLOW DIRECTION
WATER LEVEL READINGS FROM OPERATING RECOVERY WELLS 699RW-3, 699RW-4, &
699RW-11 COLLECTED 3/2/05
ND=NOT DETECTED
NS=NOT SAMPLED
NA=NOT APPLICABLE
ALL CONCENTRATIONS ARE IN UG/L (ppb)
GROUNDWATER QUALITY STANDARDS FOR CHEMICALS OF CONCERN
BENZENE= 1 PPB
TOLUENE= 1,000 PPB
ETHYLBENZENE= 700 PPB
XYLENES= 1,000 PPB
MTBE= 70 PPB
TICs= NA
HANDEX
HANDEX OF NEW JERSEY, INC.
500 CAMPUS DRIVE P.O. BOX 454, MORGANVILLE, NEW JERSEY, 07751
FIGURE 7
SITE INFORMATION PLAN
DATA COLLECTED: MARCH 3 & 7, 2005
US ARMY - FORT MONMOUTH
BUILDING No. 699
EATONTOWN, NEW JERSEY
SCALE- 1" = 50'
DATE- 3/2/06
DRAWN BY- E.J.T.
JOB No.- 121759
DWG NAME- S:\CADDATA\DRAFTING\MAXX2\121759 9-05 RPT


SALTZMAN AVENUE
565
SERVICE STATION BUILDING NO. 699
CANOPY
SYSTEM ENCLOSURE
699MW-5 11.52
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
699MW-3 11.37
BENZENE= 2,164.78
TOLUENE= 13,281.86
ETHYLBENZENE= 726.99
XYLENES= 13,310.11
MTBE= ND
TICs= 7,480
699MW-6 11.82
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
699MW-9 11.63
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= 16
699MW-16 11.55
699MW-15 13.09
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
699MW-2 11.95
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
699MW-13
699MW-14
699RW-11
4.76
699MW-A
699MW-10
699RW-2
699RW-1
699MW-4 10.76
699RW-3
5.18
699MW-1 11.35
BENZENE= 737.49
TOLUENE= 440.61
ETHYLBENZENE= 636.02
XYLENES= 2,347.35
MTBE= 457.11
TICs= 3,850
616MW-1 14.16
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
699RW-4
699MW-7
5.27
699MW-12 11.57
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= 4.62
TICs= 5
BENZENE= 10.41
TOLUENE= 5.81
ETHYLBENZENE= 21.12
XYLENES= 63.14
MTBE= 216.57
TICs= 763
BENZENE= 63.14
TOLUENE= 518.85
ETHYLBENZENE= 622.78
XYLENES= 10,628.46
MTBE= ND
TICs= 33,560
699MW-8 11.65
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
14
13
12
LEGEND
STORM SEWER INLET
UTILITY MANHOLE
PUMP ISLAND
RECOVERY WELL
MONITORING WELL
ABANDONED MONITORING WELL
CONTOUR INTERVALS = 1 FT.
CONTOURS ARE DASHED WHERE INFERRED
GROUNDWATER FLOW DIRECTION
WATER LEVEL READINGS FROM OPERATING RECOVERY WELLS 699RW-3, 699RW-4, & 699RW-11 COLLECTED 5/25/05
ND=NOT DETECTED
NS=NOT SAMPLED
NA=NOT APPLICABLE
ALL CONCENTRATIONS ARE IN UG/L (ppb)
GROUNDWATER QUALITY STANDARDS FOR CHEMICALS OF CONCERN
BENZENE= 1 PPB
TOLUENE= 1,000 PPB
ETHYLBENZENE= 700 PPB
XYLENES= 1,000 PPB
MTBE= 70 PPB
TICs= NA
0 10 20 30 40 50 100
SCALE EQUALS 1 INCH = 50 FEET
HANDEX
HANDEX OF NEW JERSEY, INC. 500 CAMPUS DRIVE P.O. BOX 451, MORGANVILLE, NEW JERSEY, 07751
FIGURE 8
SITE INFORMATION PLAN
DATA COLLECTED: MAY 23 & 26, 2005
US ARMY - FORT MONMOUTH
BUILDING No. 699
EATONTOWN, NEW JERSEY
SCALE- 1" = 50'
DATE- 3/2/06
DRAWN BY- B.J.T.
JOB No.- 121759
DWG NAME- SR CADDATA\DRAFTING\MAXX2\121759 9-05 RPT


BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= 22
699MW-5 9.20
BENZENE= 3,784.06
TOLUENE= 10,603.12
ETHYLBENZENE= 784.08
XYLENES= 6,224.35
MTBE= ND
TICs= 13,760
BENZENE= 130.73
TOLUENE= 54.38
ETHYLBENZENE= 480.49
XYLENES= 965.61
MTBE= 48.89
TICs= 1,264
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= 0.33
XYLENES= ND
MTBE= ND
TICs= ND
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
10.48
699MW-15
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
699MW-2
9.08
10
9
AVENUE
SALTZMAN
8.96 699MW-3
699MW-6 8.74
565
8.79
699MW-9
699MW-16
7.79
B
North
SYSTEM ENCLOSURE
4.75
699RW-11
699MW-13
699MW-14
699MW-A
8.71
699RW-2
699RW-1
699MW-4
699MW-10
699RW-3
4.71
699MW-1
9.32
616MW-1
9.46
CANOPY
699RW-4
5.42
699MW-7
SERVICE STATION
BUILDING NO. 699
699MW-12
9.38
BENZENE= 801.36
TOLUENE= 368.34
ETHYLBENZENE= 388.69
XYLENES= 1,086.90
MTBE= 353.62
TICs= 5,130
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= ND
XYLENES= ND
MTBE= ND
TICs= ND
BENZENE= 21.51
TOLUENE= 5.69
ETHYLBENZENE= 23.04
XYLENES= 60.63
MTBE= 431.07
TICs= 1,242
699MW-8
9.69
BENZENE= 62.87
TOLUENE= 83.95
ETHYLBENZENE= 525.17
XYLENES= 2,358.03
MTBE= ND
TICs= 8,720
BENZENE= ND
TOLUENE= ND
ETHYLBENZENE= 1.38
XYLENES= 2.97
MTBE= ND
TICs= 4
LEGEND
STORM SEWER INLET
UTILITY MANHOLE
PUMP ISLAND
RECOVERY WELL
MONITORING WELL
ABANDONED MONITORING WELL
CONTOUR INTERVALS = 1 FT.
CONTOURS ARE DASHED WHERE INFERRED
GROUNDWATER FLOW DIRECTION
WATER LEVEL READINGS FROM OPERATING RECOVERY WELLS 699RW-3, 699RW-4, &
699RW-11 COLLECTED 9/7/05 & 9/8/05
ND=NOT DETECTED
NS=NOT SAMPLED
NA=NOT APPLICABLE
ALL CONCENTRATIONS ARE IN UG/L (ppb)
GROUNDWATER QUALITY STANDARDS FOR CHEMICALS OF CONCERN
BENZENE= 1 PPB
TOLUENE= 1,000 PPB
ETHYLBENZENE= 700 PPB
XYLENES= 1,000 PPB
MTBE= 70 PPB
TICs= NA
0 10 20 30 40 50 100
SCALE EQUALS : 1 INCH = 50 FEET
HANDEX
HANDEX OF NEW JERSEY, INC. 800 CAMPUS DRIVE P.O. BOX 451, MORGANVILLE, NEW JERSEY, 07751
FIGURE 9
SITE INFORMATION PLAN
DATA COLLECTED: SEPTEMBER 9, 2005
US ARMY - FORT MONMOUTH
BUILDING No. 699
EATONTOWN, NEW JERSEY
SCALE- 1" = 50'
DATE- 3/2/06
DRAWN BY- E.J.T.
JOB No.- 121759
DWG NAME- /SA\CADDATA\DRAFTING\MAXX2\121759 9-06 RPT



LEGEND

- BALL VALVE W/ SECURITY LOCK BOX
- BALL VALVE
- CHECK VALVE
- SAMPLE PORT
- CONTROL/ELECTRICAL INTERLOCK
- FLOW METER-TOTALIZER
- LEVEL SENSOR
- VACUUM RELIEF VALVE
- PRESSURE RELIEF VALVE
- MANUAL PRESSURE RELIEF VALVE
- PRESSURE GAUGE
- VACUUM BREAK
- TEMPERATURE GAUGE
- VACUUM GAUGE
- ALARM
- LEVEL SWITCH
- VACUUM SWITCH
- THERMAL COUPLE
- TEMPERATURE SWITCH
- TEMPERATURE RECORDER
- TEMPERATURE SENSOR
- PROCESS FLOW LINE
- ELECTRIC/CONTROL LINE
- HOSE WITH QUICK DISCONNECTS
- AIR/FILTER COALESCER
- ROTAMETER FLOWMETER
- MOTOR ACTIVATED VALVE

SYSTEM DESCRIPTION

1. EXTRACTION LINES ARE RUN TO EACH RECOVERY WELL.
2. GROUNDWATER RECOVERY RATES ARE CONTROLLED BY INDIVIDUAL VALVES.
3. GROUNDWATER FLOW RATES ARE MEASURED FOR EACH INDIVIDUAL RECOVERY WELL, COMBINED INFLUENT TO THE AIR STRIPPER, AND THE EFFLUENT AFTER THE CARBON UNITS.
4. BAG FILTERS AND IRON REMOVAL FILTER ARE UTILIZED TO REMOVE SUSPENDED SOLIDS FROM GROUNDWATER.
5. PRIMARY REMOVAL OF VOC'S SHALL BE ACCOMPLISHED UTILIZING A LOW PROFILE AIR STRIPPER.
6. GRANULAR ACTIVATED CARBON (GAC) SHALL BE UTILIZED TO PROVIDE SECONDARY TREATMENT AND POLISHING OF THE EFFLUENT.
7. TREATED GROUNDWATER SHALL BE DISCHARGED TO NORTHEAST MONMOUTH COUNTY REGIONAL SEWERAGE AUTHORITY IN ACCORDANCE WITH APPLICABLE NMCRSA DISCHARGE PERMITS.
8. AIR STRIPPER OFF GAS SHALL BE DISCHARGED TO ATMOSPHERE WITHOUT TREATMENT IN ACCORDANCE WITH THE APPLICABLE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL (NJDEP) AIR DISCHARGE PERMIT.
9. CONTROL PANEL CP-1001 INCLUDES ALL NECESSARY MOTOR STARTERS, RELAYS, AND CONTROLLERS TO OPERATE GROUNDWATER SYSTEM.
10. PRESSURE GAUGES ON GROUNDWATER SYSTEM WERE CONSTRUCTED OF LIQUID-FILLED COPPER-ALLOY BOURDON TUBE CONSTRUCTION.
11. ALL GROUNDWATER RECOVERY SYSTEM PIPING INSTALLED WAS 2" PVC PIPE.
12. ALL PVC PIPING IS SCH. 40 ABOVE GROUND & SCH. 80 UNDER GROUND, WITH THE EXCEPTION OF THE HORIZONTAL EXTRACTION CELL PIPING

HANDEX

HANDEX OF NEW JERSEY, INC. 500 CAMPUS DRIVE P.O. BOX 451, MORGANVILLE, NEW JERSEY, 07751

FIGURE 10

GROUNDWATER TREATMENT SYSTEM P&ID

US ARMY - FORT MONMOUTH
BUILDING No. 699
EATONTOWN, NEW JERSEY

SCALE- 1" = 50'	DATE- 8/20/04
DRAWN BY- J.S.	JOB No.- 121759
DWG NAME- S:\CADDATA\DRAFTING\MAX002\121759.dwg	

TABLE 1

SOIL VAPOR EXTRACTION SYSTEM DATA

BUILDING 699

FORT MONMOUTH, NJ

DATE	SYSTEM UP/DOWN	SOIL Concentration (ppm)*	APPLIED VACUUM ("H20)	AIR FLOW (cfm)	SYSTEM INFLUENT Concentration (ppm)*	Equivalent Hydrocarbons Recovered (gal/day)	Cumulative Equivalent Hydrocarbons Recovered (gallons)
10/05/2004	Up	NA	22.0	246	15	0.2	4,977
10/12/2004	Up	NA	23.0	236	14	0.2	4,979
10/20/2004	Up	NA	25.0	231	13	0.2	4,980
10/26/2004	Up	NA	22.0	241	22	0.3	4,981
11/04/2004	Up	NA	21.0	246	36	0.5	4,983
11/11/2004	Up	NA	20.0	241	11	0.1	4,987
11/16/2004	Up	NA	24.0	236	2	0.0	4,987
11/24/2004	Up	NA	21.0	236	10	0.1	4,988
12/02/2004	Up	NA	22.0	241	16	0.2	4,989
12/10/2004	Up	NA	23.0	236	15	0.2	4,990
12/17/2004	Up	NA	22.0	241	13	0.2	4,991
12/23/2004	Up	NA	21.0	236	13	0.2	4,992
12/29/2004	Up	NA	22.0	236	9	0.1	4,993
01/07/2005	Up	NA	23.0	231	13	0.2	4,994
01/14/2005	Up	NA	24.0	236	14	0.2	4,996
01/19/2005	Up	NA	23.0	246	11	0.1	4,996
01/26/2005	Up	NA	24.0	241	17	0.2	4,997
02/03/2005	Up	NA	20.0	221	16	0.2	4,999
02/07/2005	Up	NA	20.0	241	12	0.2	5,000
02/16/2005	Up	NA	20.0	246	10	0.1	5,001
02/23/2005	Up	NA	21.0	241	8	0.1	5,002
03/02/2005	Up	NA	21.0	246	9	0.1	5,003
03/11/2005	Up	NA	21.0	246	11	0.1	5,004
03/16/2005	Up	NA	21.0	246	9	0.1	5,005
03/23/2005	Up	NA	23.0	246	12	0.2	5,006
03/31/2005	Up	NA	23.0	236	9	0.1	5,007
04/08/2005	Up	NA	23.0	231	9	0.1	5,008
04/14/2005	Up	NA	22.0	241	8	0.1	5,008
04/27/2005	Down	NA	23.0	236	19	0.2	5,009
05/04/2005	Up	NA	23.0	241	10	0.1	5,011
05/13/2005	Up	NA	22.0	246	11	0.1	5,012
05/18/2005	Up	NA	23.0	244	7	0.1	5,013
05/25/2005	Up	NA	23.0	241	15	0.2	5,013
06/10/2005	Down	NA	19.0	236	2	0.0	5,014
06/16/2005	Up	NA	25.0	246	13	0.2	5,014
06/22/2005	Up	NA	28.0	236	13	0.2	5,015
06/29/2005	Up	NA	23.0	241	11	0.1	5,016
07/06/2005	Up	NA	18.0	118	2	0.0	5,017
07/15/2005	Up	NA	18.0	218	0	0.0	5,018
07/19/2005	Up	NA	22.0	113	2	0.0	5,018
07/27/2005	Down	NA	22.0	241	55	0.7	5,018

TABLE 1

SOIL VAPOR EXTRACTION SYSTEM DATA

BUILDING 699

FORT MONMOUTH, NJ

DATE	SYSTEM UP/DOWN	SOIL Concentration (ppm) *	APPLIED VACUUM ("H20)	AIR FLOW (cfm)	SYSTEM INFLUENT Concentration (ppm) *	Equivalent Hydrocarbons Recovered (gal/day)	Cumulative Equivalent Hydrocarbons Recovered (gallons)
08/01/2005	Up	NA	18.0	262	1	0.0	5,021
08/08/2005	Down	NA	12.0	147	6	0.0	5,021
08/31/2005	Up	NA	17.0	255	12	0.2	5,024
09/07/2005	Up	NA	16.0	265	8	0.1	5,025
09/15/2005	Up	NA	16.0	265	21	0.3	5,026
09/21/2005	Up	NA	16.0	260	16	0.2	5,028
09/27/2005	Up	NA	19.0	250	284	3.8	5,029

NOTES:

Down = System down upon arrival, but restarted by Technician

* Concentration data are from field measurements recorded with a organic vapor analyzer (OVA).

Table 2
Bldg. 699 Groundwater System
Total Petroleum Hydrocarbons Removed in Pounds (Lbs.)

Monitor Date	Total Petroleum Hydrocarbon Influent Conc. (ug/l)	Total Petroleum Hydrocarbon Influent Conc. (mg/l)	Total Flow meter reading (gals.)	Total flow for each sampling period (gals.)	Conversion Factor 3.7851 Liters/gal. (liters)	Conversion Factor	Petroleum Hydrocarbons Removed (Lbs.)	TOTAL Petroleum Hydrocarbons Recovered (Lbs.)
09/28/2004	594.35	0.59435	5,917,440	96,498	25,494.17	1 lb. /453,600 mg	0.0334	**18.772**
10/20/2004	243.49	0.24349	6,063,946	146,506	38,705.98	1 lb. /453,600 mg	0.0208	**18.793**
11/16/2004	190.04	0.19004	6,200,385	136,439	36,046.34	1 lb. /453,600 mg	0.0151	**18.808**
12/17/2004	631.41	0.63141	6,394,456	194,071	51,272.36	1 lb. /453,600 mg	0.0714	**18.879**
01/26/2005	324.63	0.32463	6,574,779	180,323	47,640.22	1 lb. /453,600 mg	0.0341	**18.913**
02/23/2005	1,256.99	1.25699	6,716,395	141,616	37,414.07	1 lb. /453,600 mg	0.1037	**19.017**
03/16/2005	698.00	0.698	6,941,120	224,725	59,370.95	1 lb. /453,600 mg	0.0914	**19.108**
04/27/2005	110.04	0.11004	7,033,259	92,139	24,342.55	1 lb. /453,600 mg	0.0059	**19.114**
05/25/2005	421.22	0.42122	7,118,027	84,768	22,395.18	1 lb. /453,600 mg	0.0208	**19.135**
06/22/2005	296.07	0.29607	7,202,724	84,697	22,376.42	1 lb. /453,600 mg	0.0146	**19.150**
07/15/2005	113.15	0.11315	7,276,149	73,425	19,398.43	1 lb. /453,600 mg	0.0048	**19.154**
08/15/2005	303.83	0.30383	7,311,322	35,173	9,292.49	1 lb. /453,600 mg	0.0062	**19.161**
09/21/2005	219.03	0.21903	7,409,686	98,364	25,987.16	1 lb. /453,600 mg	0.0125	**19.173**

NOTES:
Petroleum Hydrocarbons include Benzene, Toluene, Ethylbenzene, Xylenes (BTEX); Methyl-tert-butyl-ether (MTBE); tert-Butyl alcohol (TBA)
Influent concentrations are assumed to be constant over period of groundwater flow readings
MTBE and TBA were not analyzed for until 2/99
GW System startup was 1989
TOTAL Petroleum Hydrocarbons Recovered (Lbs.) = influent concentration x volume of water extracted x conversion factors

TABLE 3
GROUNDWATER MONITORING & SAMPLING SUMMARY DATA
FORT MONMOUTH - MAIN POST GAS STATION
EATONTOWN, NEW JERSEY
All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet)	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	Chloroform	Methylene Chloride	Carbon Disulfide	Tetra-chloroethene	Ace-tone	1,1,1- Tri chloroethane	VOC TICs	Total VOCs	Total Lead
			1 (1)	1,000 (1)	700 (1)	40 (1)	70 (1)	100 (1)	70(1)	3 (1)	700(1)	1 (1)	6000 (1)	30 (1)	--	--	5.00
Well ID		**616MW-1**			**Casing Elevation**	**18.92**											
06/19/01	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	NS
08/30/01	8.34	10.58	ND	ND	ND	1.17	ND	ND	ND	ND	ND	ND	ND	ND	12	13	3.45
12/13/01	9.68	9.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	3.40
03/27/02	3.40	15.52	ND	ND	ND	ND		ND	1.14	ND	ND	ND	ND	ND	ND	1	ND
06/26/02	6.95	11.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	10.10
09/19/02	7.26	11.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	5.75
11/26/02	3.57	15.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
03/17/03	3.11	15.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
06/25/03	4.21	14.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/24/03	7.77	11.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	2.15
12/08/03	4.75	14.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	1.60
03/29/04	4.52	14.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
06/18/04	7.03	11.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/16/04	8.33	10.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	6.71
12/06/04	4.72	14.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
03/07/05	4.23	14.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
05/26/05	4.76	14.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/08/05	9.46	9.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
Well ID		**699MW-1**			**Casing Elevation**	**15.81**											
06/19/01	5.50	10.31	21,555.26	47,603.78	5,050.83	42,246.76	1,293.83	403.62	ND	ND	ND	ND	ND	ND	741	118,895	NS
08/30/01	6.75	9.06	31,531.95	54,361.78	8,703.65	47,334.24	ND	ND	267.10	ND	ND	ND	ND	ND	38,900	181,099	3.57
12/13/01	8.75	7.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0	NS
03/27/02	7.05	8.76	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0	NS
06/26/02	6.91	8.90	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0	NS
09/19/02	5.93	9.88	3,849.07	19,493.66	2,687.65	23,989.23	ND	ND	ND	ND	ND	ND	ND	ND	28360	78,380	6.92
11/26/02	4.38	11.43	459.71	4,023.42	1,960.50	14,645.80	ND	ND	ND	ND	ND	ND	ND	ND	20510	41,599	3.88
03/17/03	4.20	11.61	127.89	1,648.18	739.45	7,477.75	ND	ND	ND	ND	ND	ND	ND	ND	4830	14,823	3.63
06/30/03	3.81	12.00	318.96	1,864.80	637.87	7,237.32	ND	ND	ND	ND	ND	ND	ND	ND	8181	18,240	6.15
09/24/03	7.20	8.61	206.60	1,016.66	554.50	3,207.39	ND	ND	ND	ND	ND	ND	ND	ND	2934	7,919	19.50
12/08/03	5.15	10.66	110.32	1,310.35	680.75	4,430.84	ND	ND	ND	ND	ND	ND	ND	ND	5541	12,073	16.40
03/29/04	4.61	11.20	156.78	1,249.62	709.41	7,322.90	ND	ND	ND	ND	ND	ND	ND	ND	15380	24,819	10.70
06/18/04	5.35	10.46	239.86	4,064.39	2,619.62	20,330.96	ND	ND	ND	ND	ND	ND	ND	ND	22390	49,645	19.20
09/16/04	6.42	9.39	376.82	60.22	382.60	624.31	208.91	ND	ND	ND	ND	ND	ND	ND	2730	4,383	1.30
12/03/04	5.26	10.55	34.76	158.27	83.61	993.12	ND	ND	ND	ND	ND	ND	ND	ND	5630	6,900	9.62
03/07/05	3.55	12.26	1,783.46	1,893.65	1,376.76	5,158.40	448.37	ND	ND	ND	ND	ND	178.66	ND	6050	16,889	ND
05/26/05	4.46	11.35	63.14	518.85	622.78	10,628.46	ND	ND	ND	ND	ND	ND	ND	ND	33560	45,393	ND
09/08/05	6.49	9.32	62.87	83.95	525.17	2,358.03	ND	ND	ND	ND	ND	ND	ND	ND	8720	11,760	6.26
Well ID		**699MW-2**			**Casing Elevation**	**16.64**											
06/19/01	3.81	12.83	4.77	24.25	4.29	18.31	ND	ND	ND	ND	ND	ND	ND	ND	302	354	NS
08/30/01	6.73	9.91	ND	ND	ND	ND	ND	ND	ND	1.84	ND	ND	ND	ND	ND	2	ND
12/13/01	8.3	8.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	8.40
03/27/02	1.58	15.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46	46	9.71
06/26/02	5.44	11.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/19/02	5.46	11.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	0.94
11/26/02	2.2	14.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
03/17/03	1.87	14.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
06/25/03	2.21	14.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/24/03	6.75	9.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11.70
12/08/03	3.55	13.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	5	21.40
03/29/04	3.45	13.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	15.80
06/18/04	5.35	11.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	8.23
09/16/04	6.33	10.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	15.10
12/06/04	3.19	13.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
03/07/05	2.47	14.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
05/26/05	4.69	11.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/08/05	7.56	9.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND

TABLE 3
GROUNDWATER MONITORING & SAMPLING SUMMARY DATA
FORT MONMOUTH - MAIN POST GAS STATION
EATONTOWN, NEW JERSEY
All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet)	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	Chloroform	Methylene Chloride	Carbon Disulfide	Tetra-chloroethene	Ace-tone	1,1,1-Tri chloroethane	VOC TICs	Total VOCs	Total Lead
			1 (1)	1,000 (1)	700 (1)	40 (1)	70 (1)	100 (1)	70 (1)	3 (1)	700 (1)	1 (1)	6000 (1)	30 (1)	--	--	5.00
Well ID:		**699MW-3**			**Casing Elevation**	**15.80**											
06/19/01	4.97	10.83	33,224.84	38,489.48	1,693.43	14,775.44	93.34	246.45	ND	ND	ND	ND	ND	3.13	665	89,191	NS
08/30/01	6.65	9.15	26,703.62	52,102.97	4,632.23	32,157.19	ND	ND	253.51	ND	ND	ND	ND	ND	17,400	133,250	4.70
12/13/01	7.75	8.05	14,353.47	21,072.76	1,885.19	23,384.35	ND	ND	ND	ND	ND	ND	ND	ND	570	61,266	9.30
03/27/02	5.47	10.33	13,946.94	15,981.11	980.35	5,855.38	90.20	282.02	ND	ND	ND	ND	701.89	ND	6,272	44,110	6.13
06/26/02	6.36	9.44	4,399.81	3,832.32	1,055.62	3,728.84	63.08	ND	ND	ND	ND	ND	ND	ND	ND	13,080	1.70
09/19/02	5.89	9.91	6,664.83	10,186.92	1,452.67	8,003.46	ND	ND	ND	ND	ND	ND	ND	ND	9,900	36,208	2.88
11/26/02	4.08	11.72	1,817.43	3,901.24	440.76	6,032.40	ND	ND	ND	ND	ND	ND	ND	ND	4,620	16,812	1.53
03/17/03	3.41	12.39	6,018.91	11,329.00	848.98	13,156.38	ND	ND	ND	ND	ND	ND	ND	ND	7,780	39,133	1.37
06/25/03	3.35	12.45	4,801.67	13,280.92	1,300.05	10,076.68	ND	ND	ND	ND	ND	ND	ND	ND	3,320	32,779	7.50
09/24/03	5.23	10.57	1,591.30	3,276.61	487.55	4,365.72	ND	ND	ND	ND	ND	ND	ND	ND	3,222	12,943	9.28
12/08/03	4.46	11.34	174.93	359.64	23.85	468.80	ND	ND	ND	ND	ND	ND	ND	ND	547	1,574	7.41
03/29/04	4.15	11.65	1,285.76	2,676.44	320.11	3,008.80	ND	ND	ND	ND	ND	ND	ND	ND	2,320	9,611	7.72
06/18/04	5.15	10.65	4,052.45	9,939.74	1,873.95	9,190.47	3.69	ND	ND	ND	ND	ND	ND	ND	ND	25,060	8.17
09/16/04	6.30	9.50	2,442.22	9,207.20	1,687.51	11,076.35	ND	ND	ND	ND	ND	ND	ND	ND	5,700	30,113	19.50
12/03/04	4.63	11.17	1,616.64	5,430.07	340.96	4,172.96	ND	ND	ND	ND	ND	ND	ND	ND	1,520	13,081	7.37
03/04/05	3.50	12.30	26.73	97.95	194.88	1,127.68	1,341.42	ND	ND	ND	ND	ND	24.45	ND	3,339	6,152	ND
05/23/05	4.43	11.37	2,164.78	13,281.86	726.99	13,310.11	ND	ND	ND	ND	ND	ND	ND	ND	7,480	36,964	ND
09/08/05	6.84	8.96	3,784.06	10,603.12	784.08	6,224.35	ND	ND	ND	ND	ND	ND	ND	ND	13,760	35,156	16.00
Well ID:		**699MW-4**			**Casing Elevation**	**15.92**											
06/19/01	5.42	10.50	36,303.01	48,404.42	6,425.13	38,765.03	97.87	ND	ND	ND	ND	ND	ND	ND	693	130,688	NS
08/30/01	7.02	8.90	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/13/01	8.03	7.89	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/27/02	7.01	8.91	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
06/26/02	6.91	9.01	2,170.64	17,663.04	3,784.80	28,701.21	392.81	ND	ND	ND	ND	ND	ND	ND	ND	52,713	8.79
09/19/02	6.22	9.70	952.77	9,979.40	1,251.22	20,801.87	113.05	ND	ND	ND	ND	ND	ND	ND	15980	49,078	5.22
11/26/02	4.70	11.22	496.67	2,464.04	654.30	5,406.75	179.91	ND	ND	ND	ND	ND	ND	ND	8580	17,782	3.52
03/17/03	4.05	11.87	192.35	1,663.88	274.67	4,233.47	2,223.21	ND	ND	ND	ND	ND	ND	ND	3640	12,228	4.88
06/30/03	4.20	11.72	218.88	1,069.37	491.96	5,098.43	470.51	ND	ND	ND	ND	ND	ND	ND	7530	14,879	4.78
09/24/03	7.51	8.41	ND	10.59	9.38	93.98	242.15	ND	ND	ND	ND	ND	ND	ND	282	638	11.60
12/08/03	4.46	11.46	70.34	67.37	51.04	431.42	374.95	ND	ND	ND	ND	ND	ND	ND	2454	3,449	10.70
03/29/04	4.76	11.16	441.52	1,825.02	1,063.68	10,392.74	385.18	ND	ND	ND	ND	ND	ND	ND	8750	22,858	21.40
06/18/04	5.77	10.15	283.45	565.18	629.50	5,105.97	176.57	ND	ND	ND	ND	ND	ND	ND	6360	13,121	ND
09/16/04	6.92	9.00	65.02	55.95	213.57	429.78	69.13	ND	ND	ND	ND	ND	ND	ND	2810	3,643	17.80
12/03/04	5.21	10.71	19.26	44.46	40.86	16.57	435.48	ND	ND	ND	ND	ND	ND	ND	807	1,364	ND
03/07/05	4.61	11.31	449.60	1,916.79	122.25	1,462.72	ND	ND	ND	ND	ND	ND	ND	ND	507	4,458	ND
05/26/05	5.16	10.76	10.41	5.81	21.12	63.14	216.57	ND	ND	ND	ND	ND	ND	ND	763	1,080	ND
09/08/05	7.21	8.71	21.51	5.69	23.04	60.63	431.07	ND	ND	ND	ND	ND	ND	ND	1242	1,784	ND
Well ID:		**699MW-5**			**Casing Elevation**	**15.48**											
06/19/01	4.21	11.27	9.30	16.92	2.22	13.30	ND	ND	ND	ND	ND	ND	ND	ND	354	396	NS
08/30/01	6.25	9.23	ND	ND	ND	ND	ND	ND	5.06	1.22	ND	ND	ND	ND	ND	6	1.41
12/13/01	7.40	8.08	ND	ND	ND	ND	ND	ND	10.32	ND	ND	ND	ND	ND	ND	10	8.30
03/27/02	5.05	10.43	ND	ND	ND	ND	ND	ND	3.81	ND	ND	ND	ND	ND	ND	4	ND
06/26/02	5.34	10.14	ND	1.88	ND	5.49	ND	ND	3.99	ND	ND	ND	ND	ND	ND	11	ND
09/19/02	5.53	9.95	ND	ND	ND	ND	ND	ND	1.99	ND	ND	ND	ND	ND	ND	2	ND
11/26/02	3.23	12.25	ND	ND	ND	ND	ND	ND	0.94	ND	ND	ND	ND	ND	ND	1	ND
03/17/03	2.75	12.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
06/25/03	2.80	12.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	3.46
09/24/03	5.23	10.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	6.04
12/08/03	3.90	11.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	5	6.60
03/29/04	3.51	11.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	6.51
06/18/04	4.54	10.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	11.20
09/16/04	5.70	9.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	5.33
12/03/04	3.64	11.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
03/04/05	3.03	12.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
05/26/05	3.96	11.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/08/05	6.28	9.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22	22	12.90

TABLE 3
GROUNDWATER MONITORING & SAMPLING SUMMARY DATA
FORT MONMOUTH - MAIN POST GAS STATION
EATONTOWN, NEW JERSEY
All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet)	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	Chloroform	Methylene Chloride	Carbon Disulfide	Tetra-chloroethene	Ace-tone	1,1,1- Tri chloroethane	VOC TICs	Total VOCs	Total Lead
			1 (1)	1,000 (1)	700 (1)	40 (1)	70 (1)	100 (1)	70 (1)	3 (1)	700 (1)	1 (1)	6000 (1)	30 (1)	--	--	5.00
Well ID:		**699MW-6**			**Casing Elevation**	**15.78**											
06/19/01	4.78	11.00	761.06	546.35	985.71	1,544.89	3.70	ND	ND	ND	ND	ND	ND	ND	177	4,019	NS
08/30/01	6.77	9.01	1,177.19	1,684.62	1,881.59	4,730.19	ND	ND	261.44	ND	ND	ND	ND	ND	4,660	14,395	4.89
12/13/01	7.77	8.01	401.96	360.71	366.92	964.27	ND	ND	ND	ND	ND	ND	ND	ND	620	2,714	2.70
03/27/02	5.21	10.57	1.09	2.98	3.00	12.48	ND	ND	ND	ND	ND	ND	ND	ND	44	64	19.00
06/26/02	6.12	9.66	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0	NS
09/19/02	6.15	9.63	10.50	9.64	114.43	368.32	ND	ND	ND	ND	ND	ND	ND	ND	921	1,424	1.53
11/26/02	3.91	11.87	11.72	3.78	74.15	82.33	ND	ND	ND	ND	ND	ND	ND	ND	540	712	ND
03/17/03	3.11	12.67	10.72	11.52	95.60	212.63	ND	ND	ND	ND	ND	ND	ND	ND	809	1,139	ND
06/25/03	3.17	12.61	1.48	1.88	73.82	73.11	ND	ND	ND	ND	ND	ND	ND	ND	468	618	9.87
09/24/03	5.27	10.51	23.51	20.87	183.13	459.18	ND	ND	ND	ND	ND	ND	ND	ND	609	1,296	9.96
12/08/03	4.50	11.28	ND	0.68	6.25	13.38	ND	ND	ND	ND	ND	ND	ND	ND	43	63	28.00
03/29/04	4.01	11.77	0.51	ND	10.62	7.63	ND	ND	ND	ND	ND	ND	ND	ND	33	52	19.30
06/18/04	5.23	10.55	0.79	1.73	10.98	11.43	ND	ND	ND	ND	ND	ND	ND	ND	52	77	12.70
09/16/04	6.38	9.40	1.63	3.27	73.98	174.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	253	37.10
12/03/04	4.51	11.27	3.70	2.74	75.31	124.38	ND	ND	ND	ND	ND	ND	ND	ND	510	716	ND
03/04/05	3.33	12.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
05/26/05	3.96	11.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/08/05	7.04	8.74	130.73	54.38	480.49	965.61	48.89	ND	ND	ND	ND	ND	ND	ND	1,264	2,944	ND
Well ID:		**699MW-8**			**Casing Elevation**	**16.20**											
06/19/01	5.18	11.02	1.40	3.24	1.32	3.93	ND	ND	ND	ND	ND	ND	ND	ND	57	67	NS
08/30/01	6.53	9.67	ND	ND	ND	ND	ND	ND	1.14	ND	ND	ND	ND	ND	ND	1	ND
12/13/01	8.04	8.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	1.40
03/27/02	6.35	9.85	ND	1.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	ND
06/26/02	6.25	9.95	ND	2.66	ND	5.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	8	2.70
09/19/02	6.20	10.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8	8	0.97
11/26/02	4.34	11.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	6	ND
03/17/03	3.61	12.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	5	1.31
06/30/03	3.65	12.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/24/03	5.96	10.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7	7	ND
12/08/03	5.25	10.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	0.90
03/29/04	4.33	11.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
06/18/04	5.06	11.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/16/04	6.35	9.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
12/03/04	5.40	10.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
03/07/05	3.60	12.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
05/26/05	4.55	11.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/08/05	6.51	9.69	ND	ND	1.38	2.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	4	ND
Well ID:		**699MW-9**			**Casing Elevation**	**15.96**											
06/19/01	4.83	11.13	ND	1.96	ND	1.27	ND	ND	ND	ND	ND	2.24	ND	ND	ND	5	NS
08/30/01	7.07	8.89	ND	ND	ND	ND	ND	ND	ND	ND	3.02	4.68	ND	ND	ND	8	ND
12/13/01	7.96	8.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.25	ND	ND	ND	2	ND
03/27/02	5.36	10.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.81	ND	ND	ND	2	ND
06/26/02	6.25	9.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.55	ND	ND	ND	3	0.94
09/19/02	6.49	9.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.86	ND	ND	ND	3	ND
11/26/02	3.57	12.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.30	ND	ND	ND	1	ND
03/17/03	3.00	12.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
06/30/03	4.03	11.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/24/03	6.07	9.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.37	ND	ND	ND	1	1.84
12/08/03	4.74	11.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	3.53
03/29/04	3.95	12.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
06/18/04	5.40	10.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/16/04	6.60	9.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.70	ND	ND	4	5	ND
12/03/04	4.42	11.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
03/04/05	3.21	12.75	ND	0.92	ND	1.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND
05/23/05	4.33	11.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/08/05	7.17	8.79	ND	ND	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND

TABLE 3
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FORT MONMOUTH - MAIN POST GAS STATION
EATONTOWN, NEW JERSEY
All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet)	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	Chloroform	Methylene Chloride	Carbon Disulfide	Tetra-chloroethene	Ace-tone	1,1,1- Tri chloroethane	VOC TICs	Total VOCs	Total Lead
			1 (1)	1,000 (1)	700 (1)	40 (1)	70 (1)	100 (1)	70(1)	3 (1)	700(1)	1 (1)	6000 (1)	30 (1)	–	–	5.00
Well ID:		**699MW-12**			**Casing Elevation**	**16.66**											
06/19/01	5.64	11.02	ND	1.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	NS
08/30/01	7.28	9.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
12/13/01	8.59	8.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	1.00
03/27/02	6.89	9.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
06/26/02	6.85	9.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/19/02	6.95	9.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	1.26
11/26/02	4.90	11.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
03/17/03	4.15	12.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
06/30/03	4.26	12.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/24/03	6.55	10.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
12/08/03	5.80	10.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
03/29/04	4.90	11.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
06/18/04	5.72	10.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/16/04	7.00	9.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
12/03/04	5.73	10.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
03/04/05	4.04	12.62	ND	0.57	ND	ND	28.99	ND	ND	ND	ND	ND	ND	ND	ND	30	ND
05/23/05	5.09	11.57	ND	ND	ND	ND	4.62	ND	ND	ND	ND	ND	ND	ND	ND	5	ND
09/08/05	7.28	9.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
Well ID:		**699MW-15**			**Casing Elevation**	**17.04**											
06/19/01	3.35	13.69	1.33	1.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	NS
08/30/01	5.92	11.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	5.82
12/13/01	7.21	9.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	3.90
03/27/02	1.73	15.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	5.51
06/26/02	4.71	12.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	2.30
09/19/02	4.84	12.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	3.35
11/26/02	2.14	14.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
03/17/03	2.13	14.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
06/25/03	2.35	14.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	2.91
09/24/03	5.03	12.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	5	8.96
12/08/03	3.05	13.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	6.74
03/29/04	3.05	13.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	15.10
06/18/04	4.55	12.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
09/16/04	5.61	11.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	8.41
12/06/04	3.09	13.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
03/07/05	2.53	14.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
05/26/05	3.95	13.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	8.35
09/08/05	6.56	10.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	ND
Well ID:		**699MW-16**			**Casing Elevation**	**15.27**											
06/19/01	5.00	10.27	ND	ND	ND	ND	ND	ND	5.31	ND	ND	ND	ND	ND	ND	5	NS
08/30/01	7.26	8.01	ND	ND	ND	ND	ND	ND	1.02	ND	ND	ND	ND	ND	ND	1	ND
12/13/01	7.64	7.63	ND	ND	ND	ND	ND	ND	1.67	ND	ND	ND	ND	ND	ND	2	ND
03/27/02	4.92	10.35	ND	ND	ND	ND	ND	ND	10.09	ND	ND	ND	ND	ND	ND	10	ND
06/27/02	5.79	9.48	ND	ND	ND	ND	ND	ND	10.83	ND	ND	ND	ND	ND	ND	11	ND
09/19/02	7.34	7.93	ND	ND	ND	ND	ND	ND	2.64	ND	ND	ND	ND	ND	ND	3	ND
11/26/02	2.57	12.70	ND	ND	ND	ND	ND	ND	14.38	ND	ND	ND	ND	ND	ND	14	ND
06/30/03	3.96	11.31	ND	ND	ND	ND	ND	ND	19.84	ND	ND	ND	ND	ND	ND	20	ND
03/17/03	2.34	12.93	ND	ND	ND	ND	ND	ND	31.83	ND	ND	ND	ND	ND	ND	32	ND
09/24/03	6.22	9.05	ND	ND	ND	ND	ND	ND	2.91	ND	ND	ND	ND	ND	ND	3	ND
12/08/03	4.04	11.23	ND	ND	ND	ND	ND	ND	4.25	ND	ND	0.49	ND	ND	ND	5	ND
03/29/04	3.25	12.02	ND	ND	ND	ND	ND	ND	7.31	ND	ND	ND	ND	ND	ND	7	ND
06/18/04	5.23	10.04	ND	ND	ND	ND	ND	ND	3.54	ND	ND	ND	ND	ND	ND	4	ND
09/16/04	6.51	8.76	ND	ND	ND	ND	ND	ND	1.43	ND	ND	0.91	ND	ND	ND	2	ND
12/03/04	3.62	11.65	ND	ND	ND	ND	ND	ND	3.56	ND	ND	1.09	ND	ND	ND	5	ND
03/04/05	2.48	12.79	ND	0.40	ND	ND	ND	ND	26.07	ND	ND	ND	ND	ND	ND	26	ND
05/23/05	3.72	11.55	ND	ND	ND	ND	ND	ND	15.51	ND	ND	ND	ND	ND	ND	16	ND
09/08/05	7.48	7.79	ND	ND	ND	ND	ND	ND	0.83	ND	ND	1.37	ND	ND	ND	2	ND

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FORT MONMOUTH - MAIN POST GAS STATION
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All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet)	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	Chloroform	Methylene Chloride	Carbon Disulfide	Tetra-chloroethene	Ace-tone	1,1,1- Tri chloroethane	VOC TICs	Total VOCs	Total Lead
			1 (1)	1,000 (1)	700 (1)	40 (1)	70 (1)	100 (1)	70 (1)	3 (1)	700 (1)	1 (1)	6000 (1)	30 (1)	--	--	5.00
Well ID:		**699RW-11**			**Casing Elevation:**	**16.43**											
06/19/01	9.09	7.34	7,812.42	2,932.54	872.36	3,061.34	1,588.83	655.03	ND	ND	ND	ND	ND	ND	303	17,226	NS
08/30/01	9.23	7.20	9,061.81	2,136.97	1,567.48	4,786.87	1,564.32	ND	243.36	ND	ND	ND	ND	ND	7,740	27,101	ND
12/13/01	NA	NA	NS	NS	NS	NS	NS	ND	NS	NS	NS	NS	NS	NS	NS	0	NS
03/27/02	7.90	8.53	8,081.71	1,897.11	913.41	4,405.86	763.15	924.29	ND	ND	ND	ND	ND	ND	8,590	25,576	ND
06/27/02	7.61	8.82	5,027.39	2,481.36	1,162.11	3,640.85	263.36	6.61	ND	ND	ND	ND	ND	ND	ND	12,582	ND
09/19/02	NA	NA	1,656.53	474.38	608.84	4,671.57	276.39	ND	ND	ND	ND	ND	ND	ND	6,660	14,348	ND
11/26/02	NA	NA	306.67	322.73	89.47	389.31	77.01	135.41	ND	ND	ND	ND	ND	ND	337	1,658	ND
03/17/03	11.28	5.15	2,241.65	3,045.43	919.82	3,797.12	424.58	ND	ND	ND	ND	ND	ND	ND	6,430	16,859	1.80
06/25/03	11.33	5.10	1,609.59	1,317.86	633.41	2,258.51	195.72	ND	ND	ND	ND	ND	ND	ND	1,630	7,645	1.78
09/24/03	9.29	7.14	210.43	114.53	103.74	385.62	278.80	ND	ND	ND	ND	ND	ND	ND	351	1,444	2.68
12/08/03	NA	-	587.03	323.54	237.10	620.81	231.93	ND	ND	ND	ND	ND	ND	ND	1,475	3,475	6.60
03/29/04	NA	-	629.17	360.37	424.61	992.38	196.50	216.08	ND	ND	ND	ND	ND	ND	2,131	4,950	9.27
06/18/04	11.30	5.13	504.50	266.76	274.75	847.26	156.90	ND	ND	ND	ND	ND	ND	ND	1,003	3,053	ND
09/16/04	NA	-	250.53	3,031.86	2,329.45	11,744.18	ND	ND	ND	ND	ND	ND	ND	ND	19,930	37,286	ND
12/10/04	11.30	5.13	708.51	102.03	545.62	826.03	355.32	ND	ND	ND	ND	ND	ND	ND	1,897	4,435	ND
03/02/05	11.20	5.23	13.98	201.12	124.85	5,417.85	ND	ND	ND	ND	ND	ND	20.31	ND	2,657	8,435	ND
05/25/05	11.67	4.76	737.49	440.61	636.02	2,347.35	457.11	ND	ND	ND	ND	ND	ND	ND	3,850	8,469	ND
09/08/05	11.68	4.75	801.36	368.34	388.69	1,086.90	353.62	ND	ND	ND	ND	ND	ND	ND	5,130	8,129	6.71

NOTES:

(1) = Nov '05 Groundwater Quality Standard pursuant to N.J.A.C. 7:9-6
TICs = Tentatively identified compounds
(#) = Number of TICs identified

VOC = Volatile organic compound
ND = Not detected
NA = Data not available

NS = Not Sampled (due to free product)

WELL GAUGE REPORT

CLIENT: TECOM-VINNEL SERVICES
LOCATION: FORT MONMOUTH, BLDG 699
STATE: NJ

CLIENT CODE: 4936-102
HANDEX CODE: 121739

MONITORING DATE	WELL TYPE - #	C	PRODUCT DEPTH (feet)	WATER DEPTH (feet)	PRODUCT THICK. (feet)	PRODUCT ELEV. (feet)	GW ELEV. (feet)	CORR GW ELEV. (feet)
05-Oct-2004	RW - 3	P		11.25			4.71	4.71
05-Oct-2004	RW - 4	P		11.11			5.36	5.36
05-Oct-2004	RW -11	P		10.85			5.58	5.58
12-Oct-2004	RW - 3	P		10.80			5.16	5.16
12-Oct-2004	RW - 4	P		11.10			5.37	5.37
12-Oct-2004	RW -11	P		10.60			5.83	5.83
20-Oct-2004	RW - 3	P		10.60			5.36	5.36
20-Oct-2004	RW - 4	P		11.10			5.37	5.37
20-Oct-2004	RW -11	P		10.85			5.58	5.58
26-Oct-2004	RW - 3	P		11.30			4.66	4.66
26-Oct-2004	RW - 4	P		13.10			3.37	3.37
26-Oct-2004	RW -11	P		8.90			7.53	7.53
04-Nov-2004	RW - 3	P		11.11			4.85	4.85
04-Nov-2004	RW - 4	P		11.45			5.02	5.02
04-Nov-2004	RW -11	P		8.11			8.32	8.32
11-Nov-2004	RW - 3	P		10.80			5.16	5.16
11-Nov-2004	RW - 4	P		11.00			5.47	5.47
11-Nov-2004	RW -11	P		6.20			10.23	10.23
16-Nov-2004	RW - 3	P		13.02			2.94	2.94
16-Nov-2004	RW - 4	P		11.03			5.44	5.44
16-Nov-2004	RW -11	P		8.40			8.03	8.03
24-Nov-2004	RW - 3	P		11.10			4.86	4.86
24-Nov-2004	RW - 4	P		11.35			5.12	5.12
24-Nov-2004	RW -11	P		5.70			10.73	10.73
02-Dec-2004	RW - 3	P		10.88			5.08	5.08
02-Dec-2004	RW - 4	P		11.05			5.42	5.42
02-Dec-2004	RW -11	P		5.08			11.35	11.35
10-Dec-2004	RW - 3	P		11.10			4.86	4.86
10-Dec-2004	RW - 4	P		11.00			5.47	5.47
10-Dec-2004	RW -11	P		11.30			5.13	5.13
17-Dec-2004	RW - 3	P		11.20			4.76	4.76
17-Dec-2004	RW - 4	P		10.90			5.57	5.57
17-Dec-2004	RW -11	P		10.80			5.63	5.63

WELL GAUGE REPORT

CLIENT: TECOM-VINNEL SERVICES
LOCATION: FORT MONMOUTH, BLDG 699
STATE: NJ

CLIENT CODE: 4936-102
HANDEX CODE: 121739

MONITORING DATE	WELL TYPE - #	C	PRODUCT DEPTH (feet)	WATER DEPTH (feet)	PRODUCT THICK. (feet)	PRODUCT ELEV. (feet)	GW ELEV. (feet)	CORR GW ELEV. (feet)
23-Dec-2004	RW - 3	P		10.80			5.16	5.16
23-Dec-2004	RW - 4	P		11.10			5.37	5.37
23-Dec-2004	RW -11	P		10.45			5.98	5.98
29-Dec-2004	RW - 3	P		10.75			5.21	5.21
29-Dec-2004	RW - 4	P		11.00			5.47	5.47
29-Dec-2004	RW -11	P		10.55			5.88	5.88
07-Jan-2005	RW - 3	P		11.30			4.66	4.66
07-Jan-2005	RW - 4	P		10.95			5.52	5.52
07-Jan-2005	RW -11	P		11.20			5.23	5.23
14-Jan-2005	RW - 3	P		10.88			5.08	5.08
14-Jan-2005	RW - 4	P		11.04			5.43	5.43
14-Jan-2005	RW -11	P		10.75			5.68	5.68
19-Jan-2005	RW - 3	P		11.20			4.76	4.76
19-Jan-2005	RW - 4	P		10.80			5.67	5.67
19-Jan-2005	RW -11	P		11.00			5.43	5.43
26-Jan-2005	RW - 3	P		10.76			5.20	5.20
26-Jan-2005	RW - 4	P		11.30			5.17	5.17
26-Jan-2005	RW -11	P		10.88			5.55	5.55
03-Feb-2005	RW - 3	P		10.12			5.84	5.84
03-Feb-2005	RW - 4	P		12.17			4.30	4.30
03-Feb-2005	RW -11	P		10.97			5.46	5.46
07-Feb-2005	RW - 3	P		11.30			4.66	4.66
07-Feb-2005	RW - 4	P		11.10			5.37	5.37
07-Feb-2005	RW -11	P		10.90			5.53	5.53
18-Feb-2005	RW - 3	P		10.80			5.16	5.16
18-Feb-2005	RW - 4	P		11.25			5.22	5.22
18-Feb-2005	RW -11	P		10.60			5.83	5.83
23-Feb-2005	RW - 3	P		11.15			4.81	4.81
23-Feb-2005	RW - 4	P		10.75			5.72	5.72
23-Feb-2005	RW -11	P		11.06			5.37	5.37
02-Mar-2005	RW - 3	P		11.33			4.63	4.63
02-Mar-2005	RW - 4	P		10.88			5.59	5.59

WELL GAUGE REPORT

CLIENT: TECOM-VINNEL SERVICES
LOCATION: FORT MONMOUTH, BLDG 699
STATE: NJ

CLIENT CODE: 4936-102
HANDEX CODE: 121739

MONITORING DATE	WELL TYPE - #	C	PRODUCT DEPTH (feet)	WATER DEPTH (feet)	PRODUCT THICK. (feet)	PRODUCT ELEV. (feet)	GW ELEV. (feet)	CORR GW ELEV. (feet)
02-Mar-2005	RW -11	P		11.20			5.23	5.23
11-Mar-2005	RW - 3	P		10.75			5.21	5.21
11-Mar-2005	RW - 4	P		11.10			5.37	5.37
11-Mar-2005	RW -11	P		10.85			5.58	5.58
16-Mar-2005	RW - 3	P		10.95			5.01	5.01
16-Mar-2005	RW - 4	P		11.25			5.22	5.22
16-Mar-2005	RW -11	P		11.06			5.37	5.37
23-Mar-2005	RW - 3	P		11.25			4.71	4.71
23-Mar-2005	RW - 4	P		11.10			5.37	5.37
23-Mar-2005	RW -11	P		10.88			5.55	5.55
31-Mar-2005	RW - 3	P		10.95			5.01	5.01
31-Mar-2005	RW - 4	P		11.35			5.12	5.12
31-Mar-2005	RW -11	P		9.30			7.13	7.13
08-Apr-2005	RW - 3	P		10.95			5.01	5.01
08-Apr-2005	RW - 4	P		9.65			6.82	6.82
08-Apr-2005	RW -11	P		11.05			5.38	5.38
14-Apr-2005	RW - 3	P		11.15			4.81	4.81
14-Apr-2005	RW - 4	P		10.80			5.67	5.67
14-Apr-2005	RW -11	P		10.95			5.48	5.48
22-Apr-2005	RW - 3	P		11.05			4.91	4.91
22-Apr-2005	RW - 4	P		11.10			5.37	5.37
22-Apr-2005	RW -11	P		11.30			5.13	5.13
27-Apr-2005	RW - 3	P		11.05			4.91	4.91
27-Apr-2005	RW - 4	P		10.75			5.72	5.72
27-Apr-2005	RW -11	P		11.00			5.43	5.43
04-May-2005	RW - 3	P		10.95			5.01	5.01
04-May-2005	RW - 4	P		10.60			5.87	5.87
04-May-2005	RW -11	P		11.10			5.33	5.33
13-May-2005	RW - 3	P		11.15			4.81	4.81
13-May-2005	RW - 4	P		10.75			5.72	5.72
13-May-2005	RW -11	P		10.90			5.53	5.53
18-May-2005	RW - 3	P		11.10			4.86	4.86

WELL GAUGE REPORT

CLIENT: TECOM-VINNEL SERVICES
LOCATION: FORT MONMOUTH, BLDG 699
STATE: NJ

CLIENT CODE: 4936-102
HANDEX CODE: 121739

MONITORING DATE	WELL TYPE - #	C	PRODUCT DEPTH (feet)	WATER DEPTH (feet)	PRODUCT THICK. (feet)	PRODUCT ELEV. (feet)	GW ELEV. (feet)	CORR GW ELEV. (feet)
18-May-2005	RW - 4	P		10.74			5.73	5.73
18-May-2005	RW -11	P		10.85			5.58	5.58
25-May-2005	RW - 3	P		10.78			5.18	5.18
25-May-2005	RW - 4	P		11.20			5.27	5.27
25-May-2005	RW -11	P		10.80			5.63	5.63
01-Jun-2005	RW - 3	P		11.29			4.67	4.67
01-Jun-2005	RW - 4	P		11.47			5.00	5.00
01-Jun-2005	RW -11	P		10.95			5.48	5.48
10-Jun-2005	RW - 3	P		11.41			4.55	4.55
10-Jun-2005	RW - 4	P		11.02			5.45	5.45
10-Jun-2005	RW -11	P		11.49			4.94	4.94
16-Jun-2005	RW - 3	P		11.15			4.81	4.81
16-Jun-2005	RW - 4	P		11.40			5.07	5.07
16-Jun-2005	RW -11	P		10.80			5.63	5.63
22-Jun-2005	RW - 3	P		8.90			7.06	7.06
22-Jun-2005	RW - 4	P		10.25			6.22	6.22
22-Jun-2005	RW -11	P		9.80			6.63	6.63
29-Jun-2005	RW - 3	P		9.35			6.61	6.61
29-Jun-2005	RW - 4	P		10.40			6.07	6.07
29-Jun-2005	RW -11	P		8.90			7.53	7.53
06-Jul-2005	RW - 3	P		5.70			10.26	10.26
06-Jul-2005	RW - 4	P		5.61			10.86	10.86
06-Jul-2005	RW -11	P		4.56			11.87	11.87
15-Jul-2005	RW - 3	P		5.89			10.07	10.07
15-Jul-2005	RW - 4	P		5.72			10.75	10.75
15-Jul-2005	RW -11	P		4.62			11.81	11.81
08-Aug-2005	RW - 3	P		11.22			4.74	4.74
08-Aug-2005	RW - 4	P		10.99			5.48	5.48
08-Aug-2005	RW -11	P		10.28			6.15	6.15
15-Aug-2005	RW - 3	P		11.10			4.86	4.86
15-Aug-2005	RW - 4	P		11.35			5.12	5.12
15-Aug-2005	RW -11	P		10.95			5.48	5.48

WELL GAUGE REPORT

CLIENT: TECOM-VINNEL SERVICES
LOCATION: FORT MONMOUTH, BLDG 699
STATE: NJ

CLIENT CODE: 4936-102
HANDEX CODE: 121739

MONITORING DATE	WELL TYPE - #	C	PRODUCT DEPTH (feet)	WATER DEPTH (feet)	PRODUCT THICK. (feet)	PRODUCT ELEV. (feet)	GW ELEV. (feet)	CORR GW ELEV. (feet)
24-Aug-2005	RW - 3	P		10.50			5.46	5.46
24-Aug-2005	RW - 4	P		11.04			5.43	5.43
24-Aug-2005	RW -11	P		11.01			5.42	5.42
31-Aug-2005	RW - 3	P		11.10			4.86	4.86
31-Aug-2005	RW - 4	P		10.85			5.62	5.62
31-Aug-2005	RW -11	P		10.75			5.68	5.68
07-Sep-2005	RW - 3	P		11.25			4.71	4.71
07-Sep-2005	RW - 4	P		11.05			5.42	5.42
07-Sep-2005	RW -11	P		10.90			5.53	5.53
15-Sep-2005	RW - 3	P		10.75			5.21	5.21
15-Sep-2005	RW - 4	P		11.00			5.47	5.47
15-Sep-2005	RW -11	P		11.10			5.33	5.33
21-Sep-2005	RW - 3	P		11.05			4.91	4.91
21-Sep-2005	RW - 4	P		10.70			5.77	5.77
21-Sep-2005	RW -11	P		10.90			5.53	5.53
27-Sep-2005	RW - 3	P		11.26			4.70	4.70
27-Sep-2005	RW - 4	P		10.90			5.57	5.57
27-Sep-2005	RW -11	P		11.05			5.38	5.38

"C"omments: [P = Pumping; N = Non-Pumping; B/C = Before/After Adjustment; U = Not Found]
[D = Dry Well; I = Well Inaccessible; * = Not Gauged; L = Flooded; O = Obstruction]
[R = Destroyed; A = Abandoned; F/T = Film or Trace of Product; X = Approximate; S = Sampled]
[G = Gauged Not Sampled; < = Pre-EFR; > = Post-EFR]

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 699/P&T

Bldg. 699

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Trip Blank	5040301	Aqueous	15-Aug-05	08/15/05
Air Stripper Influent	5040302	Aqueous	15-Aug-05 14:35	08/15/05
1st GAC Effluent	5040303	Aqueous	15-Aug-05 14:25	08/15/05
Final Effluent	5040304	Aqueous	15-Aug-05 14:20	08/15/05
Air Stripper Effluent	5040305	Aqueous	15-Aug-05 14:30	08/15/05

ANALYSIS:

FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, BTEX+MTBE

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: D. Guenther
Phone #: (732) 532-0986
( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat
Location: Bldg. 699

Samplers Name / Company : Anthony DeDomenico/HANDEX

Comments:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	BTEX/MTBE							Remarks / Preservation Method
50403 01	Trip Blank	8-15-05	—	Aq.	2	X								
02	Airstripper Influent	8-15-05	2:35	Aq.	2	X								
03	1st GAC Effluent	8-15-05	2:25	Aq.	2		X							
04	Final Effluent	8-15-05	2:20	Aq.	2		X							
05	Airstripper Effluent	8-15-05	2:30	Aq.	2		X							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
A. DeDomenico	8/15/05 1530	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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

Data File	VB020031.D	Sample Name	MB 15August2005
Operator	Skelton	Field ID	MB 15August2005
Date Acquired	15 Aug 2005 3:54 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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

Data File	VB020031.D	Sample Name	MB 15August2005
Operator	Skelton	Field ID	MB 15August2005
Date Acquired	15 Aug 2005 3:54 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB020039.D	Sample Name	5040301
Operator	Skelton	Field ID	Trip Blank
Date Acquired	15 Aug 2005 9:31 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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

Data File	VB020043.D	Sample Name	5040302
Operator	Skelton	Field ID	AirStripperInfluent
Date Acquired	16 Aug 2005 12:21 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol	13.25	41478	83.75 ug/L	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.75	971595	38.30 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.16	2604150	45.58 ug/L	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.70	529253	8.18 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.48	47151	2.37 ug/L	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	3067549	42.76 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.02	1800926	67.64 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.85	1039794	17.62 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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9/13/2005 10:54 AM

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

Data File	VB020040.D	Sample Name	5040303
Operator	Skelton	Field ID	1stGACEffluent
Date Acquired	15 Aug 2005 10:13 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether	12.87	17279	0.68 ug/L	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB020041.D	Sample Name	5040304
Operator	Skelton	Field ID	FinalEffluent
Date Acquired	15 Aug 2005 10:56 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether	12.88	10318	0.41 ug/L	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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9/13/2005 10:54 AM

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

Data File	VB020042.D	Sample Name	5040305
Operator	Skelton	Field ID	AirStripperEffluent
Date Acquired	15 Aug 2005 11:38 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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9/13/2005 10:54 AM

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 699/P&T

Bldg. 699

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Trip Blank	5034701	Aqueous	15-July-05	07/15/05
Air Stripper Influent	5034702	Aqueous	15-July-05 11:30	07/15/05
Air Stripper Effluent	5034703	Aqueous	15-July-05 11:20	07/15/05
1st GAC Effluent	5034704	Aqueous	15-July-05 11:10	07/15/05
Final Effluent	5034705	Aqueous	15-July-05 11:00	07/15/05

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, BTEX+MTBE, TPHC, PB, COD, TSS

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: J. Fullen
Phone: 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No: Pump & Treat
Location: Bld #699 Quackenbush

Samplers Name / Company: C. Rule / Hanlex /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	BTEX/MTBE	TSS	COD	TPHC	Pb			Remarks / Preservation Method
50347 01	Trip Blank	7/15/05		Aq	2	X								
02	Air Stripper Inf	7/15/05	11:30	Aq	2	X								
03	Air Stripper Eff	7/15/05	11:20	Aq	2		X							
04	1st GAC Eff	7/15/05	11:10	Aq	2		X							
05	Final Eff	7/15/05	11:00	Aq	6		X	X	X	X	X			

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	7/15/05 1300	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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

Data File	VB019849.D	Sample Name	5034701
Operator	Skelton	Field ID	Trip Blank
Date Acquired	19 Jul 2005 6:45 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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7/20/2005 1:07 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Pump and Case No.: 50347 Location: 699 SDG No.: 3rd Qtr

Matrix: (soil/water) WATER Lab Sample ID: 5034701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019849.D

Level: (low/med) LOW Date Received: 7/15/2005

% Moisture: not dec. Date Analyzed: 7/19/2005

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

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

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

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000090-12-0	Naphthalene, 1-methyl-	28.68	25	JN

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

Data File	VB019853.D	Sample Name	5034702
Operator	Skelton	Field ID	AirStripperInfluent
Date Acquired	19 Jul 2005 9:28 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.76	545021	17.03 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.86	13157	0.50 ug/L	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.15	1338045	18.33 ug/L	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	257879	3.14 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.47	52968	2.14 ug/L	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.72	1956466	20.97 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.01	1299134	39.43 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.84	1062468	14.25 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **AirStripperInf**

Lab Name: FMETL NJDEP#: 13461

Project: Pump and Case No.: 50347 Location: 699 SDG No.: 3rd Qtr

Matrix: (soil/water) WATER Lab Sample ID: 5034702

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019853.D

Level: (low/med) LOW Date Received: 7/15/2005

% Moisture: not dec. Date Analyzed: 7/19/2005

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000078-78-4	Butane, 2-methyl-	6.70	20	JN
2.	unknown	10.78	17	J
3. 000096-14-0	Pentane, 3-methyl-	11.69	9	JN
4. 000096-37-7	Cyclopentane, methyl-	14.50	11	JN
5. 000622-96-8	Benzene, 1-ethyl-4-methyl-	28.40	14	JN
6. 000108-67-8	Benzene, 1,3,5-trimethyl-	28.59	13	JN
7. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.03	14	JN
8. 000095-63-6	Benzene, 1,2,4-trimethyl-	29.35	45	JN
9. 000526-73-8	Benzene, 1,2,3-trimethyl-	30.22	14	JN
10. 000496-11-7	Indane	30.51	24	JN

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

Data File	VB019850.D	Sample Name	5034703
Operator	Skelton	Field ID	AirStripperEffluent
Date Acquired	19 Jul 2005 7:25 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB019851.D	Sample Name	5034704
Operator	Skelton	Field ID	1stGACEffluent
Date Acquired	19 Jul 2005 8:06 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether	12.84	28325	0.87 ug/L	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB019852.D	Sample Name	5034705
Operator	Skelton	Field ID	FinalEffluent
Date Acquired	19 Jul 2005 8:47 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Client : US Army
DPW.SELFM-PW-EV
Bldg173
Ft. Monmouth, NJ 07703

Project # : 50347
Location : Bldg.699
UST Reg. # :

Analysis : OQA-QAM-025
Matrix : Aqueous
Inst. ID. : GC TPHC INST. #1
Column Type : RTX-5, 0.32mm ID, 30M
Injection Volume : 1uL

Date Received : 15-Jul-05
Date Extracted : 21-Jul-05
Extraction Method : Sep.Funnel
Analysis Complete : 26-Jul-05
Analyst : B.Patel

Lab ID	Field ID	Dilution Factor	Initial Volume (ml)	Final Volume (ml)	MDL (mg/L)	RL	TPHC Result (mg/L)
5034705	Final Eff.	1.00	1000	5.0	0.14	0.50	ND
METHOD BLANK	MB-072105-01	1.00	1000.00	5.00	0.14	0.5	ND

ND = Not Detected
MDL = Method Detection Limit
RL = Reporting Limits
* =Values between the MDL and RL(Reporting Limits) are an estimated value

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

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

Lab ID #: 50347
Sample Received: NA
Analysis Start: 07/21/05
Analysis Completed: 07/21/05

Site: Ft. Monmouth
Bldg. 699/Quarterly

Matrix: AQ

Method of Analysis: Std Methods 18th, Method 3120B
Method of Digestion: SW846 3010A

TEST PARAMETER: Lead

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)*	RL (ug/L)
Method Blank	NA	ND	10	5.00

ND = Not Detected, NA = Not Applicable
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
RL = Reporting Limit.

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

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

Lab ID #: 50347
Sample Received: 07/15/05
Analysis Start: 07/21/05
Analysis Completed: 07/21/05

Site: Ft. Monmouth
Bldg. 699/Quarterly

Matrix: AQ

Method of Analysis: Std Methods 18th, Method 3120B
Method of Digestion: SW846-3010A

TEST PARAMETER: Lead

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)*	RL (ug/L)
5034705	Final Effluent	43.4	10	5.00

ND = Not Detected, NA = Not Applicable
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
RL = Reporting Limit.

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

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

Lab ID #: 50347
Sample Received: 07/15/05
Analysis Start: 07/29/05
Analysis Completed: 07/29/05

Site: Ft. Monmouth
Bldg 699/ Quarterly

Matrix: AQ

Method of Analysis: EPA-600/4-79-020, Method 410.4

TEST PARAMETER: Chemical Oxygen Demand (COD)

Sample ID#	Sample Location Identification	Result (mg/L)	MDL (mg/L)
5034705	Final Effluent	ND	10.0

TORING REPORT

ANY: Ft Monmouth DATE: 7/15/05
ET ADDRESS: Building # 699
: Ft Monmouth STATE: NJ
DEX LOCATION CODE: 121739
RVICE STATION NUMBER: PAGE ___ of ___

Handex®

HANDEX OF NEW JERSEY
500 CAMPUS DRIVE, P.O. BOX 451
MORGANVILLE, NEW JERSEY 07751
1-908-536-8500 FAX: 1-908-536-7751
LAB CERTIFICATION #: 13993

pH METER # 600

SAMPLING POINT	pH (SU)	TIME
FINAL EFFLUENT	6.05	11:05
DUPLICATE	6.03	11:15
* CHECK STANDARD	6.95	10:50

To be taken after every 3 hours of field use (Calibrate to 7.0 standard)
(Acceptable Range – 6.8–7.2)

COMMENTS:

LAB MANAGER: [signature]
DATE: 7/25/05

HYDROGEOLOGIST: Andy Drake
TECHNICIAN: Chris Rick

REVIEWED BY: HYDRO
PROJ MGR:
PRINCIPAL:

06/18/93

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 699/P&T

Bldg. 699

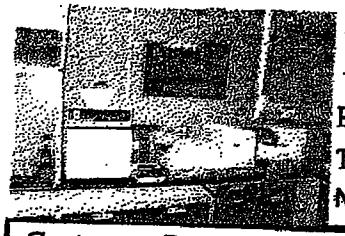
Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Trip Blank	5032001	Aqueous	22-June-05	06/22/05
Air Stripper Influent	5032002	Aqueous	22-June-05 13:35	06/22/05
1st GAC Effluent	5032003	Aqueous	22-June-05 13:30	06/22/05
Final Effluent	5032004	Aqueous	22-June-05 13:20	06/22/05
Air Stripper Effluent	5032005	Aqueous	22-June-05 13:25	06/22/05

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, BTEX+MTBE

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.



Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: D. Guenther
Phone #: (732) 532-0986
( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat
Location: Bldg. 699

Samplers Name / Company : Anthony DeDomenico/HANDEX

Analysis Parameters: 624, BTEX/MTBE

Comments:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	BTEX/MTBE							Remarks / Preservation Method
500320 01	Trip Blank	6-22-05	—	Aq.	2	X								
02	Airstripper Influent	6-22-05	1:35	Aq.	2	X								
03	1st GAC Effluent	6-22-05	1:30	Aq.	2		X							
04	Final Effluent	6-22-05	1:20	Aq.	2		X							
05	Airstripper Effluent	6-22-05	1:25	Aq.	2		X							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	6-22-05 1:50	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

Fort Monmouth Envr Lab
732 532 6263

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

Data File	VB019731.D	Sample Name	MB 27June05
Operator	Skelton	Field ID	MB 25June05
Date Acquired	27 Jun 2005 7:15 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB019731.D	Sample Name	MB 27June05
Operator	Skelton	Field ID	MB 25June05
Date Acquired	27 Jun 2005 7:15 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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

Data File	VB019732.D	Sample Name	5032001
Operator	Skelton	Field ID	Trip Blank
Date Acquired	27 Jun 2005 7:57 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values
*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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

Data File	VB019736.D	Sample Name	5032002
Operator	Skelton	Field ID	AirStripperInfluent
Date Acquired	27 Jun 2005 10:46 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.75	1116601	41.57 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.88	19164	0.69 ug/L	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.16	3925397	54.03 ug/L	1	0.20 ug/L	2.00 ug/L	E
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.57	13892	0.66 ug/L	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.70	1569509	19.64 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.48	69774	2.96 ug/L	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	4126059	45.29 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.02	3209776	106.59 ug/L	nle	0.63 ug/L	4.00 ug/L	E
95-47-6	o-Xylene	26.85	2035275	28.95 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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7/19/2005 9:30 AM

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

Data File: VB019737.D
Operator: Skelton
Date Acquired: 27 Jun 2005 11:27 pm

Sample Name: 5032002
Field ID: AirStripperInfluent
Sample Multiplier: 5

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	7.85 ug/L	50.00 ug/L	
107131	Acrylonitrile			not detected	50	12.35 ug/L	50.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	42.70 ug/L	100.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.81	211648	40.14 ug/L	70	1.50 ug/L	10.00 ug/L	D
108203	Di-isopropyl ether			not detected	20000	1.85 ug/L	10.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	2.30 ug/L	10.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.50 ug/L	10.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.00 ug/L	10.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.25 ug/L	10.00 ug/L	
75-00-3	Chloroethane			not detected	100	1.35 ug/L	10.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.30 ug/L	10.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	1.35 ug/L	10.00 ug/L	
67-64-1	Acetone			not detected	700	10.00 ug/L	10.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.80 ug/L	10.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	2.75 ug/L	10.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	1.25 ug/L	10.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	1.60 ug/L	10.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	1.00 ug/L	10.00 ug/L	
78-93-3	2-Butanone			not detected	300	4.50 ug/L	10.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	1.40 ug/L	10.00 ug/L	
67-66-3	Chloroform			not detected	6	1.90 ug/L	10.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	1.35 ug/L	10.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.00 ug/L	10.00 ug/L	
71-43-2	Benzene	18.16	761886	52.82 ug/L	1	1.00 ug/L	10.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	1.10 ug/L	10.00 ug/L	
79-01-6	Trichloroethene			not detected	1	1.40 ug/L	10.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	1.65 ug/L	10.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	1.25 ug/L	10.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	1.25 ug/L	10.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.90 ug/L	10.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.90 ug/L	10.00 ug/L	
108-88-3	Toluene	22.70	302635	19.07 ug/L	1000	1.25 ug/L	10.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.70 ug/L	10.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.25 ug/L	10.00 ug/L	
127-18-4	Tetrachloroethene	23.48	14032	3.01 ug/L	1	1.30 ug/L	10.00 ug/L	D
591-78-6	2-Hexanone			not detected	100	1.45 ug/L	10.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.20 ug/L	10.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	1.50 ug/L	10.00 ug/L	
100-41-4	Ethylbenzene	25.73	784861	43.64 ug/L	700	1.40 ug/L	10.00 ug/L	D
1330-20-7	m+p-Xylenes	26.02	626269	105.35 ug/L	nle	3.15 ug/L	20.00 ug/L	D
95-47-6	o-Xylene	26.85	379739	27.36 ug/L	nle	1.20 ug/L	10.00 ug/L	D
100-42-5	Styrene			not detected	100	1.70 ug/L	10.00 ug/L	
75-25-2	Bromoform			not detected	4	1.20 ug/L	10.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	1.20 ug/L	10.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.20 ug/L	10.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.25 ug/L	10.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.35 ug/L	10.00 ug/L	

*Results between MDL and RL are estimated values
*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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

Data File	VB019733.D	Sample Name	5032003
Operator	Skelton	Field ID	1stGACEffluent
Date Acquired	27 Jun 2005 8:39 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB019734.D	Sample Name	5032004
Operator	Skelton	Field ID	FinalEffluent
Date Acquired	27 Jun 2005 9:21 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB019735.D	Sample Name	5032005
Operator	Skelton	Field ID	AirStripperEffluent
Date Acquired	27 Jun 2005 10:03 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 699/P&T

Bldg. 699

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Trip Blank	5022301	Aqueous	27-April-05	04/27/05
Air Stripper Influent	5022302	Aqueous	27-April-05 13:05	04/27/05
1st GAC Effluent	5022303	Aqueous	27-April-05 12:55	04/27/05
Final Effluent	5022304	Aqueous	27-April-05 12:46	04/27/05
Air Stripper Effluent	5022305	Aqueous	27-April-05 13:00	04/27/05

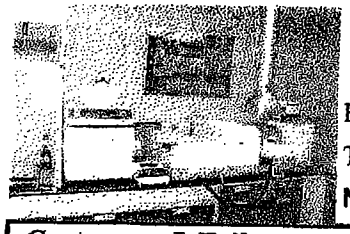
ANALYSIS:

FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, BTEX+MTBE, TPHC, PB, COD, TSS

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.



Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon

Phone #: (732) 532-6223

( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat

Location: Bldg. 699/Quarterly

Samplers Name / Company : /Handex

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	BTEX/MTBE	TSS	COD	TPHC	PB			Remarks / Preservation Method
50223 01	Trip Blank	4-27-05		Aq.	2	X								
02	Airstripper Influent	4-27-05	1205	Aq.	2	X								
03	1st GAC Effluent	4-27-05	12155	Aq.	2		X							
04	Final Effluent	4-27-05	12246	Aq.	6		X	X	X	X	X			
05	Airstripper Effluent	4-27-05	1200	Aq.	2		X							

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	4/27/05 1550	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

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

Remarks:

print legibly

Page 1 of 1

rec699 qr dsd/30/2004

732 532 6263

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

Data File	VB019236.D	Sample Name	5022301
Operator	Skelton	Field ID	Trip Blank
Date Acquired	5 May 2005 9:08 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.66	14667	0.56 ug/L	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (o).

Qualifiers

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

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

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

Data File	VB019253.D	Sample Name	5022302
Operator	Skelton	Field ID	AirStripperInfluent
Date Acquired	6 May 2005 5:38 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.76	618728	48.59 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.16	1242752	22.51 ug/L	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.70	464890	7.52 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	394942	5.86 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.02	384461	18.04 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.85	345920	7.52 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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

Data File	VB019237.D	Sample Name	5022303
Operator	Skelton	Field ID	1st GAC Effluent
Date Acquired	5 May 2005 9:49 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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6/2/2005 11:37 AM

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

Data File	VB019238.D	Sample Name	5022304
Operator	Skelton	Field ID	Final Effluent
Date Acquired	5 May 2005 10:30 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

MDL = Method Detection Limit
NLB = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

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

Data File	VB019252.D	Sample Name	5022305
Operator	Skelton	Field ID	AirStripperEffluent
Date Acquired	6 May 2005 4:56 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Client : US Army
DPW.SELFM-PW-EV
Bldg173
Ft. Monmouth, NJ 07703

Project # : 50223
Location : Bldg.699
UST Reg. # :

Analysis : OQA-QAM-025
Matrix : Aqueous
Inst. ID. : GC TPHC INST. #1
Column Type : RTX-5, 0.32mm ID, 30M
Injection Volume : 1uL

Date Received : 27-Apr-05
Date Extracted : 28-Apr-05
Extraction Method : Sep.Funnel
Analysis Complete : 03-May-05
Analyst : B.Patel

Lab ID	Field ID	Dilution Factor	Initial Volume (ml)	Final Volume (ml)	MDL (mg/L)	RL	TPHC Result (mg/L)
5022304	Final Effluent	1.00	1000	5.0	0.14	0.50	ND
METHOD BLANK	MB-042805-01	1.00	1000.00	5.00	0.14	0.5	ND

ND = Not Detected
MDL = Method Detection Limit
RL = Reporting Limits
* =Values between the MDL and RL(Reporting Limits) are an estimated value

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

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

Lab ID #: 50223
Sample Received: NA
Analysis Start: 05/09/05
Analysis Completed: 05/09/05

Site: Ft. Monmouth
Bldg. 699/Quarterly

Matrix: AQ

Method of Analysis: Std Methods 18th, Method 3120B
Method of Digestion: SW846 3010A

TEST PARAMETER: Lead

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)*	RL (ug/L)
Method Blank	NA	ND	10	5.00

ND = Not Detected, NA = Not Applicable
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
RL = Reporting Limit.

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

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

Lab ID #: 50223
Sample Received: 04/27/05
Analysis Start: 05/09/05
Analysis Completed: 05/09/05

Site: Ft. Monmouth
Bldg. 699/Quarterly

Matrix: AQ

Method of Analysis: Std Methods 18th, Method 3120B
Method of Digestion: SW846-3010A

TEST PARAMETER: Lead

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)*	RL (ug/L)
5022304	Final Effluent	ND	10	5.00

ND = Not Detected, NA = Not Applicable
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
RL = Reporting Limit.

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

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

Lab ID #: 5022304
Sample Received: 04/27/05
Analysis Start: 04/28/05
Analysis Completed: 04/28/05

Site: Ft. Monmouth
Bldg 699/ Quarterly

Matrix: AQ

Method of Analysis: EPA-600/4-79-020, Method 160.2

TEST PARAMETER: Total Suspended Solids (TSS)

Sample ID#	Sample Location Identification	Result (mg/L)	MDL (mg/L)
5022304	Final Effluent	ND	1.0

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

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

Lab ID #: 5022304
Sample Received: 04/27/05
Analysis Start: 05/13/05
Analysis Completed: 05/13/05

Site: Ft. Monmouth
Bldg 699/ Quarterly

Matrix: AQ

Method of Analysis: EPA-600/4-79-020, Method 410.4

TEST PARAMETER: Chemical Oxygen Demand (COD)

Sample ID#	Sample Location Identification	Result (mg/L)	MDL (mg/L)
5022304	Final Effluent	ND	10.0

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 699/P&T

Bldg. 699

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Trip Blank	5015501	Aqueous	16-Mar-05	03/16/05
Air Stripper Influent	5015502	Aqueous	16-Mar-05 14:05	03/16/05
1st GAC Effluent	5015503	Aqueous	16-Mar-05 13:55	03/16/05
Final Effluent	5015504	Aqueous	16-Mar-05 13:50	03/16/05
Air Stripper Effluent	5015505	Aqueous	16-Mar-05 14:00	03/16/05

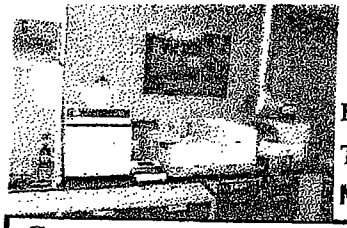
ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, BTEX+MTBE

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

4-1-05
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

CHAIN OF CUSTODY



Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: J. Fallon
Phone #: (732) 532-6223
( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat
Location: Bldg. 699

Samplers Name / Company : Anthony DeDomenico

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: 624	BTEX/MTBE							Comments: Remarks / Preservation Method
50155 01	Trip Blank	3-16-05	—	Aq.	2	X								
02	Airstripper Influent	3/16/05	2:05	Aq.	2	X								
03	1st GAC Effluent	3/16/05	1:55	Aq.	2		X							
04	Final Effluent	3/16/05	1:50	Aq.	2		X							
05	Airstripper Effluent	3/16/05	2:00	Aq.	2		X							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
A. DeDomenico	3/16/05 1540	J. Allyn			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

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

Data File	VB019087.D	Sample Name	MB 30March05
Operator	Skelton	Field ID	MB 30March05
Date Acquired	30 Mar 2005 3:31 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB019087.D	Sample Name	MB 30March05
Operator	Skelton	Field ID	MB 30March05
Date Acquired	30 Mar 2005 3:31 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File: **VB019088.D**
Operator: **Skelton**
Date Acquired: **30 Mar 2005 4:15 pm**

Sample Name: **5015501**
Field ID: **Trip Blank**
Sample Multiplier: **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File: VB019092.D
Operator: Skelton
Date Acquired: 30 Mar 2005 6:58 pm

Sample Name: 5015502
Field ID: AirStripperInfluent
Sample Multiplier: 10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	15.70 ug/L	200.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	200.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	85.40 ug/L	200.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.82	142148	46.72 ug/L	70	3.00 ug/L	20.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	nle	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone			not detected	700	20.00 ug/L	20.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene	18.15	504010	104.09 ug/L	1	2.00 ug/L	20.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	2.20 ug/L	20.00 ug/L	
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene	22.69	686742	127.19 ug/L	1000	2.50 ug/L	20.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene	25.73	576609	89.70 ug/L	700	2.80 ug/L	20.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	585862	250.15 ug/L	nle	6.30 ug/L	40.00 ug/L	D
95-47-6	o-Xylene	26.85	432787	80.15 ug/L	nle	2.40 ug/L	20.00 ug/L	D
100-42-5	Styrene			not detected	100	3.40 ug/L	20.00 ug/L	
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB019089.D	Sample Name	5015503
Operator	Skelton	Field ID	1stGACEffluent
Date Acquired	30 Mar 2005 4:56 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether	12.78	398673	12.81 ug/L	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene	18.15	88543	1.78 ug/L	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	95985	1.73 ug/L	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	35605	0.55 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.01	39165	1.66 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.85	35750	0.66 ug/L	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	19.17 ug/L				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB019090.D	Sample Name	5015504
Operator	Skelton	Field ID	FinalEffluent
Date Acquired	30 Mar 2005 5:36 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether	12.81	111783	3.69 ug/L	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	3.69 ug/L				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB019091.D	Sample Name	5015505
Operator	Skelton	Field ID	AirStripperEffluent
Date Acquired	30 Mar 2005 6:17 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
1634044	Methyl-tert-Butyl ether	12.78	399804	13.44 ug/L	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene	18.16	81328	1.68 ug/L	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	115553	2.15 ug/L	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	91120	1.44 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.01	102591	4.45 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.85	108918	2.05 ug/L	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	25.21 ug/L				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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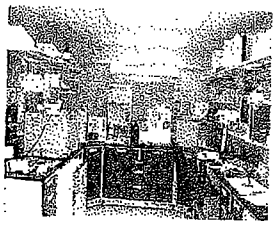
FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY



DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 699/P&T

Bldg. 699

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Trip Blank	5010201	Aqueous	23-Fe-05	03/23/05
Air Stripper Influent	5010202	Aqueous	23-Feb-05 08:30	03/23/05
1st GAC Effluent	5010203	Aqueous	23-Feb-05 08:20	03/23/05
Final Effluent	5010204	Aqueous	23-Feb-05 08:15	03/23/05
Air Stripper Effluent	5010205	Aqueous	23-Feb-05 08:25	03/23/05

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, BTEX+MTBE

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

CHAIN OF CUSTODY

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: D. Guenther
Phone #: (732) 532-0986
( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat
Location: Bldg. 699

Samplers Name / Company : Anthony DeDomenico/HANDEX

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: 624	BTEX/MTBE							Comments: Remarks / Preservation Method
5010201	Trip Blank			Aq.	2	X								
02	Airstripper Influent	2/23/05	8:30	Aq.	2	X								
03	1st GAC Effluent	↓	8:20	Aq.	2		X							
04	Final Effluent		8:15	Aq.	2		X							
05	Airstripper Effluent	↓	8:25	Aq.	2		X							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
A. DeDomenico	2/23/05	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

Fort Monmouth Envr Lab
732 532 6263

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

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

Data File: VB018746.D
Operator: Skelton
Date Acquired: 23 Feb 2005 2:09 pm

Sample Name: MB 23Feb05
Field ID: MB 23Feb05
Sample Multiplier: 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018746.D	Sample Name	MB 23Feb05
Operator	Skelton	Field ID	MB 23Feb05
Date Acquired	23 Feb 2005 2:09 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File: VB018761.D
Operator: Skelton
Date Acquired: 24 Feb 2005 12:39 am

Sample Name: 5010201
Field ID: Trip Blank
Sample Multiplier: 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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2/25/2005 9:59 AM

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

Data File	VB018765.D	Sample Name	5010202
Operator	Skelton	Field ID	AirStripperInfluent
Date Acquired	24 Feb 2005 3:20 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol	13.27	78655	48.55 ug/L	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.73	3019715	42.75 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.15	15395504	103.91 ug/L	1	0.20 ug/L	2.00 ug/L	E
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.68	21549383	135.63 ug/L	1000	0.25 ug/L	2.00 ug/L	E
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.47	80057	2.14 ug/L	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	18398952	99.68 ug/L	700	0.28 ug/L	2.00 ug/L	E
1330-20-7	m+p-Xylenes	26.00	22305431	347.04 ug/L	nle	0.63 ug/L	4.00 ug/L	E
95-47-6	o-Xylene	26.84	17445854	124.54 ug/L	nle	0.24 ug/L	2.00 ug/L	E
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File: VB018774.D
Operator: Skelton
Date Acquired: 24 Feb 2005 9:27 am

Sample Name: 5010202
Field ID: AirStripperInfluent
Sample Multiplier: 10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	15.70 ug/L	200.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	200.00 ug/L	
75650	tert-Butyl alcohol	13.31	12191	75.08 ug/L	nle	85.40 ug/L	200.00 ug/L	D
1634044	Methyl-tert-Butyl ether	12.80	440894	66.02 ug/L	70	3.00 ug/L	20.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	nle	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone	11.69	11974	10.53 ug/L	700	20.00 ug/L	20.00 ug/L	D
75-15-0	Carbon Disulfide			not detected	nle	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene	18.16	2003464	153.94 ug/L	1	2.00 ug/L	20.00 ug/L	D
107-06-2	1,2-Dichloroethane	18.64	10485	2.06 ug/L	2	2.20 ug/L	20.00 ug/L	D
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene	22.69	2814038	199.32 ug/L	1000	2.50 ug/L	20.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene	25.74	2267668	142.25 ug/L	700	2.80 ug/L	20.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	2857729	505.33 ug/L	nle	6.30 ug/L	40.00 ug/L	D
95-47-6	o-Xylene	26.85	2048747	164.85 ug/L	nle	2.40 ug/L	20.00 ug/L	D
100-42-5	Styrene	26.85	38887	4.50 ug/L	100	3.40 ug/L	20.00 ug/L	D
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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2/25/2005 9:59 AM

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

Data File	VB018762.D	Sample Name	5010203
Operator	Skelton	Field ID	1stGACEffluent
Date Acquired	24 Feb 2005 1:19 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether	12.84	84322	1.25 ug/L	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018763.D	Sample Name	5010204
Operator	Skelton	Field ID	FinalEffluent
Date Acquired	24 Feb 2005 2:00 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018764.D	Sample Name	5010205
Operator	Skelton	Field ID	AirStripperEffluent
Date Acquired	24 Feb 2005 2:40 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether	12.86	77884	1.19 ug/L	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 699 P & T

Bldg. 699 P & T/Quarterly

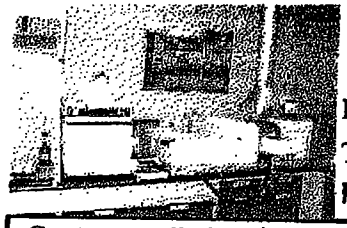
Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Trip Blank	5004601	Aqueous	26-Jan-05	01/26/05
Airstripper Influent	5004602	Aqueous	26-Jan-05 10:15	01/26/05
1st GAC Effluent	5004603	Aqueous	26-Jan-05 10:05	01/26/05
Final Effluent	5004604	Aqueous	26-Jan-05 10:00	01/26/05
Airstripper Effluent	5004605	Aqueous	26-Jan-05 10:10	01/26/05

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+BTEX MTBE, TPHC
WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

2-14-05
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works



Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: J. Fallon
Phone #: (732) 532-6223
( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat
Location: Bldg. 699/Quarterly

Samplers Name / Company : /Handex

Analysis Parameters

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	BTEX/MTBE	TSS	COD	TPHC	PB			Remarks / Preservation Method
50046 01	Trip Blank	1-26-05	—	Aq.	2	X								
02	Airstripper Influent	1-26-05	10:15	Aq.	2	X								
03	1st GAC Effluent	1-26-05	10:05	Aq.	2		X							
04	Final Effluent	1-26-05	10:00	Aq.	6		X	X	X	X	X			
05	Airstripper Effluent	1-26-05	10:10	Aq.	2		X							

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
A. DeDomenico	1/26/05 1515	J. Willyard			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

print legibly

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

Data File	VB018569.D	Sample Name	5004601
Operator	Skelton	Field ID	Trip Blank
Date Acquired	3 Feb 2005 4:41 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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2/11/2005 3:58 PM

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

Data File	VB018573.D	Sample Name	5004602
Operator	Skelton	Field ID	AirStripperInfluent
Date Acquired	3 Feb 2005 7:24 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol	13.26	79613	44.16 ug/L	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.74	2711630	38.32 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.15	6740717	50.98 ug/L	1	0.20 ug/L	2.00 ug/L	E
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.68	6271396	43.37 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	6121844	37.27 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.01	7998761	135.94 ug/L	nle	0.63 ug/L	4.00 ug/L	E
95-47-6	o-Xylene	26.84	6375497	47.74 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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2/11/2005 3:58 PM

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

Data File	VB018595.D	Sample Name	5004602
Operator	Skelton	Field ID	AirStripperInfluent
Date Acquired	4 Feb 2005 10:24 am	Sample Multiplier	5

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	7.85 ug/L	100.00 ug/L	
107131	Acrylonitrile			not detected	50	12.35 ug/L	100.00 ug/L	
75650	tert-Butyl alcohol	13.30	29475	80.33 ug/L	nle	42.70 ug/L	100.00 ug/L	D
1634044	Methyl-tert-Butyl ether	12.80	515998	35.83 ug/L	70	1.50 ug/L	10.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	1.85 ug/L	10.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	2.30 ug/L	10.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.50 ug/L	10.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.00 ug/L	10.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.25 ug/L	10.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.35 ug/L	10.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.30 ug/L	10.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	1.35 ug/L	10.00 ug/L	
67-64-1	Acetone			not detected	700	10.00 ug/L	10.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.80 ug/L	10.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	2.75 ug/L	10.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	1.25 ug/L	10.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	1.60 ug/L	10.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	1.00 ug/L	10.00 ug/L	
78-93-3	2-Butanone			not detected	300	4.50 ug/L	10.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	1.40 ug/L	10.00 ug/L	
67-66-3	Chloroform			not detected	6	1.90 ug/L	10.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	1.35 ug/L	10.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.00 ug/L	10.00 ug/L	
71-43-2	Benzene	18.17	1083833	40.70 ug/L	1	1.00 ug/L	10.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	1.10 ug/L	10.00 ug/L	
79-01-6	Trichloroethene			not detected	1	1.40 ug/L	10.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	1.65 ug/L	10.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	1.25 ug/L	10.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.25 ug/L	10.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.90 ug/L	10.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.90 ug/L	10.00 ug/L	
108-88-3	Toluene	22.70	877448	30.13 ug/L	1000	1.25 ug/L	10.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.70 ug/L	10.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.25 ug/L	10.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	1.30 ug/L	10.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.45 ug/L	10.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.20 ug/L	10.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	1.50 ug/L	10.00 ug/L	
100-41-4	Ethylbenzene	25.74	756143	23.58 ug/L	700	1.40 ug/L	10.00 ug/L	D
1330-20-7	m+p-Xylenes	26.02	839334	73.07 ug/L	nle	3.15 ug/L	20.00 ug/L	D
95-47-6	o-Xylene	26.85	780557	29.94 ug/L	nle	1.20 ug/L	10.00 ug/L	D
100-42-5	Styrene			not detected	100	1.70 ug/L	10.00 ug/L	
75-25-2	Bromoform			not detected	4	1.20 ug/L	10.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.20 ug/L	10.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.20 ug/L	10.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.25 ug/L	10.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.35 ug/L	10.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018570.D	Sample Name	5004603
Operator	Skelton	Field ID	1stGACEffluent
Date Acquired	3 Feb 2005 5:22 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether	12.82	273290	3.79 ug/L	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	3.79 ug/L				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018571.D	Sample Name	5004604
Operator	Skelton	Field ID	FinalEffluent
Date Acquired	3 Feb 2005 6:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018572.D	Sample Name	5004605
Operator	Skelton	Field ID	AirStripperEffluent
Date Acquired	3 Feb 2005 6:43 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether	12.82	242338	3.38 ug/L	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	3.38 ug/L				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Client : US Army
DPW.SELFM-PW-EV
Bldg173
Ft. Monmouth, NJ 07703

Project # : 50046
Location : Bldg.699
UST Reg. # :

Analysis : OQA-QAM-025
Matrix : Aqueous
Inst. ID. : GC TPHC INST. #1
Column Type : RTX-5, 0.32mm ID, 30M
Injection Volume : 1uL

Date Received : 26-Jan-05
Date Extracted : 28-Jan-05
Extraction Method : Sep.Funnel
Analysis Complete : 31-Jan-05
Analyst : B.Patel

Lab ID	Field ID	Dilution Factor	Initial Volume (ml)	Final Volume (ml)	MDL (mg/L)	RL	TPHC Result (mg/L)
5004604	Final Effluent	1.00	1000	5.0	0.14	0.50	ND
METHOD BLANK	MB-012805-01	1.00	1000.00	5.00	0.14	0.5	ND

ND = Not Detected
MDL = Method Detection Limit
RL = Reporting Limits
* =Values between the MDL and RL(Reporting Limits) are an estimated value

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

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

Lab ID #: 5004604
Sample Received: 01/26/05
Analysis Start: 01/31/05
Analysis Completed: 01/31/05

Site: Ft. Monmouth
Bldg. 699/Quarterly

Matrix: AQ

Method of Analysis: Std Methods 18th, Method 3120B
Method of Digestion: SW846-3010A

TEST PARAMETER: Lead

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)*	RL (ug/L)
5004604	Final Effluent	7.52	10	5.00

ND = Not Detected, NA = Not Applicable
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
RL = Reporting Limit.

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

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

Lab ID #: 5004604
Sample Received: 01/26/05
Analysis Start: 01/27/05
Analysis Completed: 01/27/05

Site: Ft. Monmouth
Bldg 699/ Quarterly

Matrix: AQ.

Method of Analysis: EPA-600/4-79-020, Method 160.2

TEST PARAMETER: Total Suspended Solids (TSS)

Sample ID#	Sample Location Identification	Result (mg/L)	MDL (mg/L)
5004604	Final Effluent	ND	1.0

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

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

Lab ID #: 5004604
Sample Received: 01/26/05
Analysis Start: 01/28/05
Analysis Completed: 01/28/05

Site: Ft. Monmouth
Bldg 699/ Quarterly

Matrix: AQ

Method of Analysis: EPA-600/4-79-020, Method 410.4

TEST PARAMETER: Chemical Oxygen Demand (COD)

Sample ID#	Sample Location Identification	Result (mg/L)	MDL (mg/L)
5004604	Final Effluent	11.3	10.0

MONITORING REPORT

COMPANY: Fort Monmouth DATE: 1-26-05
STREET ADDRESS: Bldg. # 2700
CITY: Oceanport STATE: NJ
HANDEX LOCATION CODE: 123654-01
SERVICE STATION NUMBER: PAGE ____ of ____

Handex®
HANDEX OF NEW JERSEY
500 CAMPUS DRIVE, P.O. BOX 451
MORGANVILLE, NEW JERSEY 07751
1-908-536-8500 FAX: 1-908-536-7751
LAB CERTIFICATION #: 13993

pH METER # 200

SAMPLING POINT	pH (SU)	TIME
FINAL EFFLUENT	6.31	12:50
DUPLICATE	6.31	12:55
* CHECK STANDARD	6.98	1:05

To be taken after every 3 hours of field use (Calibrate to 7.0 standard)
(Acceptable Range - 6.8-7.2)

COMMENTS:

LAB MANAGER: B. Mayer
DATE: 1/31/05

HYDROGEOLOGIST:
TECHNICIAN: A. DeDomenico

REVIEWED BY: HYDRO
PROJ MGR:
PRINCIPAL:

06/18/93

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 699/P&T

Bldg. 699

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Trip Blank	4084701	Aqueous	17-Dec-04	12/17/04
Air Stripper Influent	4084702	Aqueous	17-Dec-04 11:35	12/17/04
1st GAC Effluent	4084703	Aqueous	17-Dec-04 11:25	12/17/04
Final Effluent	4084704	Aqueous	17-Dec-04 11:20	12/17/04
Air Stripper Effluent	4084705	Aqueous	17-Dec-04 11:30	12/17/04

ANALYSIS:

FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, BTEX+MTBE

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

CHAIN OF CUSTODY

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: J. Fallon
Phone #: (732) 532-6223
( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat
Location: Bldg. 699

Samplers Name / Company : Anthony DeDomenico

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	BTEX/MTBE							Remarks / Preservation Method
40847 01	Trip Blank	12-17-04		Aq.	2	X								
02	Airstripper Influent	12-17-04	11:35	Aq.	2	X								
03	1st GAC Effluent	12-17-04	11:25	Aq.	2		X							
04	Final Effluent	12-17-04	11:20	Aq.	2		X							
05	Airstripper Effluent	12-17-04	11:30	Aq.	2		X							

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
A. De Domenico	12/17/04 1440	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

print legibly

Page 1 of 1

Fort Monmouth Envr Lab
732 532 6263
17

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

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

Data File	VB018411.D	Sample Name	MB 28Dec04
Operator	Skelton	Field ID	MB 28Dec04
Date Acquired	28 Dec 2004 3:09 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 28Dec04**

Lab Name: FMETL NJDEP#: 13461

Project: Pump and Case No.: 40847 Location: Bldg69 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB 28Dec04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018411.D

Level: (low/med) LOW Date Received: 12/17/2004

% Moisture: not dec. Date Analyzed: 12/28/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018411.D	Sample Name	MB 28Dec04
Operator	Skelton	Field ID	MB 28Dec04
Date Acquired	28 Dec 2004 3:09 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018417.D	Sample Name	4084701
Operator	Skelton	Field ID	Trip Blank
Date Acquired	28 Dec 2004 7:16 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Pump and Case No.: 40847 Location: Bldg69 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4084701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018417.D

Level: (low/med) LOW Date Received: 12/17/2004

% Moisture: not dec. Date Analyzed: 12/28/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018421.D	Sample Name	4084702
Operator	Skelton	Field ID	AirStripper Influent
Date Acquired	28 Dec 2004 10:03 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.76	611133	43.44 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.15	7492259	96.15 ug/L	1	0.20 ug/L	2.00 ug/L	E
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.70	4280396	46.35 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.48	46777	1.91 ug/L	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	6242846	62.85 ug/L	700	0.28 ug/L	2.00 ug/L	E
1330-20-7	m+p-Xylenes	26.02	6127341	167.34 ug/L	nle	0.63 ug/L	4.00 ug/L	E
95-47-6	o-Xylene	26.85	3889343	57.96 ug/L	nle	0.24 ug/L	2.00 ug/L	E
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018422.D	Sample Name	4084702
Operator	Skelton	Field ID	AirStripper Influent
Date Acquired	28 Dec 2004 10:44 pm	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	15.70 ug/L	200.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	200.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	85.40 ug/L	200.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.82	86170	57.36 ug/L	70	3.00 ug/L	20.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	nle	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone			not detected	700	53.80 ug/L	20.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene	18.16	1153219	139.14 ug/L	1	2.00 ug/L	20.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	2.20 ug/L	20.00 ug/L	
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene	22.70	655933	66.77 ug/L	1000	2.50 ug/L	20.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene	25.73	899186	85.72 ug/L	700	2.80 ug/L	20.00 ug/L	D
1330-20-7	m+p-Xylenes	26.02	871662	225.44 ug/L	nle	6.30 ug/L	40.00 ug/L	D
95-47-6	o-Xylene	26.85	502387	70.90 ug/L	nle	2.40 ug/L	20.00 ug/L	D
100-42-5	Styrene			not detected	100	3.40 ug/L	20.00 ug/L	
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: AirStripperInfluen

Lab Name: FMETL NJDEP#: 13461

Project: Pump and Case No.: 40847 Location: Bldg69 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4084702

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018421.D

Level: (low/med) LOW Date Received: 12/17/2004

% Moisture: not dec. Date Analyzed: 12/28/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018418.D	Sample Name	4084703
Operator	Skelton	Field ID	1st GAC Effluent
Date Acquired	28 Dec 2004 7:58 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018419.D	Sample Name	4084704
Operator	Skelton	Field ID	Final Effluent
Date Acquired	28 Dec 2004 8:40 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tett-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018420.D	Sample Name	4084705
Operator	Skelton	Field ID	AirStripper Effluent
Date Acquired	28 Dec 2004 9:22 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

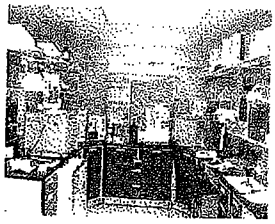
*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY



DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 699/P&T

Bldg. 699

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Trip Blank	4078401	Aqueous	16-Nov-04	11/16/04
Air Stripper Influent	4078402	Aqueous	16-Nov-04 09:20	11/16/04
1st GAC Effluent	4078403	Aqueous	16-Nov-04 09:10	11/16/04
Final Effluent	4078404	Aqueous	16-Nov-04 09:00	11/16/04
Air Stripper Effluent	4078405	Aqueous	16-Nov-04 09:15	11/16/04

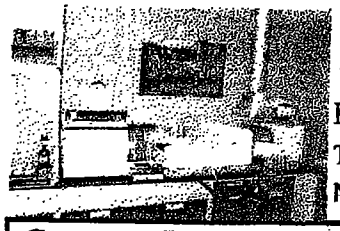
ANALYSIS:

FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, BTEX+MTBE

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

12-21-04
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.



Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: D. Guenther
Phone #: (732) 532-0986
( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat
Location: Bldg. 699

Samplers Name / Company : Anthony DeDomenico/HANDEX

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	BTEX/MTBE							Remarks / Preservation Method
40784 01	Trip Blank	11-16-04		Aq.	2	X								
02	Airstripper Influent	11-16-04	12:15	Aq.	2	X								
03	1st GAC Effluent	11-16-04	12:05	Aq.	2		X							
04	Final Effluent	11-16-04	12:00	Aq.	2		X							
05	Airstripper Effluent	11-16-04	12:10	Aq.	2		X							

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	11-16-04 1500	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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

Data File	VB018117.D	Sample Name	MB 22Nov04
Operator	Skelton	Field ID	MB 22Nov04
Date Acquired	22 Nov 2004 4:47 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018117.D	Sample Name	MB 22Nov04
Operator	Skelton	Field ID	MB 22Nov04
Date Acquired	22 Nov 2004 4:47 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018134.D	Sample Name	4078401
Operator	Skelton	Field ID	Trip Blank
Date Acquired	23 Nov 2004 4:19 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.66	36497	1.18 ug/L	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018142.D	Sample Name	4078402
Operator	Skelton	Field ID	AirStripper Influent
Date Acquired	23 Nov 2004 9:44 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.76	1137684	37.75 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.15	2727079	40.29 ug/L	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	598559	7.71 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.48	21633	1.11 ug/L	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	2260878	26.80 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.01	1658617	55.48 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.85	1397991	22.01 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018135.D	Sample Name	4078403
Operator	Skelton	Field ID	1st GAC Effluent
Date Acquired	23 Nov 2004 4:59 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018136.D	Sample Name	4078404
Operator	Skelton	Field ID	Final Effluent
Date Acquired	23 Nov 2004 5:40 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018137.D	Sample Name	4078405
Operator	Skelton	Field ID	Airstripper Effluent
Date Acquired	23 Nov 2004 6:21 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
71-43-2	Benzene	18.15	55032	0.87 ug/L	1	0.20 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	113121	1.57 ug/L	1000	0.25 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
			Total BTEX	2.44 ug/L				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 699/P&T

Bldg. 699 Quarterly

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Trip Blank	4072601	Aqueous	20-Oct-04	10/20/04
Air Stripper Influent	4072602	Aqueous	20-Oct-04 09:20	10/20/04
1st GAC Effluent	4072603	Aqueous	20-Oct-04 09:10	10/20/04
Final Effluent	4072604	Aqueous	20-Oct-04 09:00	10/20/04
Air Stripper Effluent	4072605	Aqueous	20-Oct-04 09:15	10/20/04

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, BTEX+MTBE, TPHC, LEAD, TSS, COD

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

CHAIN OF CUSTODY

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: J. Fallon
Phone #: (732) 532-6223
( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat
Location: Bldg. 699/Quarterly

Samplers Name / Company : /Handex

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	BTEX/MTBE	TSS	COD	TPHC	PB			Remarks / Preservation Method
40726 01	Trip Blank	10-20-04		Aq.	2	X								
02	Airstripper Influent	10-20-04	9:20	Aq.	2	X								
03	1st GAC Effluent	10-20-04	9:10	Aq.	2		X							
04	Final Effluent	10-20-04	9:00	Aq.	6		X	X	X	X	X			
05	Airstripper Effluent	10-20-04	9:15	Aq.	2		X							

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
L. DeDomenico	10/20/04 1440	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

;FT Monmouth Envr Lab ;732 532 6263 # 4

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

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

Data File	VB017898.D	Sample Name	MB 25Oct04
Operator	Skelton	Field ID	MB 25Oct04
Date Acquired	25 Oct 2004 2:32 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 25Oct04**

Lab Name: FMETL NJDEP#: 13461

Project: Pump and Case No.: 40726 Location: Bldg69 SDG No.: Quarterly

Matrix: (soil/water) WATER Lab Sample ID: MB 25Oct04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017898.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: not dec. Date Analyzed: 10/25/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB017898.D	Sample Name	MB 25Oct04
Operator	Skelton	Field ID	MB 25Oct04
Date Acquired	25 Oct 2004 2:32 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB017915.D	Sample Name	4072601
Operator	Skelton	Field ID	Trip Blank
Date Acquired	26 Oct 2004 2:14 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.67	27428	0.88 ug/L	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Pump and Case No.: 40726 Location: Bldg69 SDG No.: Quarterly

Matrix: (soil/water) WATER Lab Sample ID: 4072601

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017915.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: not dec. Date Analyzed: 10/26/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File: VB017919.D
Operator: Skelton
Date Acquired: 26 Oct 2004 5:00 am

Sample Name: 4072602
Field ID: AirStripperInfluent
Sample Multiplier: 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.75	1335320	47.55 ug/L	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene	18.16	2797319	46.97 ug/L	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene	22.70	781961	11.62 ug/L	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.48	19935	1.09 ug/L	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	2345935	30.24 ug/L	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.02	2106214	74.19 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.85	1894684	31.83 ug/L	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: AirStripperInfluen

Lab Name: FMETL NJDEP#: 13461

Project: Pump and Case No.: 40726 Location: Bldg69 SDG No.: Quarterly

Matrix: (soil/water) WATER Lab Sample ID: 4072602

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017919.D

Level: (low/med) LOW Date Received: 10/20/2004

% Moisture: not dec. Date Analyzed: 10/26/2004

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	6.70	27	J
2.	unknown hydrocarbon	10.79	16	J
3.	unknown hydrocarbon	14.51	11	J
4. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.41	25	JN
5. 000526-73-8	Benzene, 1,2,3-trimethyl-	28.60	18	JN
6. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.04	17	JN
7. 000526-73-8	Benzene, 1,2,3-trimethyl-	29.36	59	JN
8. 000095-36-3	1,2,4-Trimethylbenzene	30.22	19	JN
9. 000496-11-7	Indane	30.52	43	JN
10. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	33.09	12	JN

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

Data File	VB017916.D	Sample Name	4072603
Operator	Skelton	Field ID	1stGACEffluent
Date Acquired	26 Oct 2004 2:56 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	**VB017917.D**	Sample Name	**4072604**
Operator	**Skelton**	Field ID	**FinalEffluent**
Date Acquired	**26 Oct 2004 3:37 am**	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB017918.D	Sample Name	4072605
Operator	Skelton	Field ID	AirStripperEffluent
Date Acquired	26 Oct 2004 4:19 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
			Total BTEX	not detected				

*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

TPHC

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

Client :	US Army DPW.SELFM-PW-EV Bldg173 Ft. Monmouth, NJ 07703	**Project # :**	40726
		Location :	Bldg.699
		UST Reg. # :	

Analysis :	OQA-QAM-025	**Date Received :**	20-Oct-04
Matrix :	Aqueous	**Date Extracted :**	22-Oct-04
Inst. ID. :	GC TPHC INST. #1	**Extraction Method :**	Sep.Funnel
Column Type :	RTX-5, 0.32mm ID, 30M	**Analysis Complete :**	26-Oct-04
Injection Volume :	1uL	**Analyst :**	B.Patel

Sample	Field ID	Dilution Factor	Initial Volume (ml)	Final Volume (ml)	MDL (mg/L)	RL	TPHC Result (mg/L)
4072604	Final Effluent	1.00	250.00	5.00	0.6	2.0	ND
METHOD BLANK	MB-102204-01	1.00	250.00	5.00	0.8	2.0	ND

ND = Not Detected

MDL = Method Detection Limit

RL = Reporting Limits

Note : The TPHC result between the MDL and RL are considered an estimated value

LEAD

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

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

Lab ID #: 40726
Sample Received: NA
Analysis Start: 10/22/04
Analysis Completed: 10/220/4

Site: Ft. Monmouth
Bldg. 699/Quarterly

Matrix: AQ

Method of Analysis: Std Methods 18th, Method 3120B
Method of Digestion: SW846 3010A

TEST PARAMETER: Lead

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)*	RL (ug/L)
Method Blank	NA	ND	10	5.00

ND = Not Detected, NA = Not Applicable
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
RL = Reporting Limit.

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

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

Lab ID #: 40726
Sample Received: 10/20/04
Analysis Start: 10/22/04
Analysis Completed: 10/22/04

Site: Ft. Monmouth
Bldg. 699/Quarterly

Matrix: AQ

Method of Analysis: Std Methods 18th, Method 3120B
Method of Digestion: SW846-3010A

TEST PARAMETER: Lead

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)*	RL (ug/L)
4072604	Final Effluent	16.4	10	5.00

ND = Not Detected, NA = Not Applicable
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
RL = Reporting Limit.

WET CHEMISTRY

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

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

Lab ID #: 40726
Sample Received: 10/20/04
Analysis Start: 10/26/04
Analysis Completed: 10/26/04

Site: Ft. Monmouth
Bldg 699/ Quarterly

Matrix: AQ

Method of Analysis: EPA-600/4-79-020, Method 160.2

TEST PARAMETER: Total Suspended Solids (TSS)

Sample ID#	Sample Location Identification	Result (mg/L)	MDL (mg/L)
4072604	Final Effluent	1.4	1.0

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

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

Lab ID #: 40726
Sample Received: 10/20/04
Analysis Start: 11/08/04
Analysis Completed: 11/08/04

Site: Ft. Monmouth
Bldg 699/ Quarterly

Matrix: AQ

Method of Analysis: EPA-600/4-79-020, Method 410.4

TEST PARAMETER: Chemical Oxygen Demand (COD)

Sample ID#	Sample Location Identification	Result (mg/L)	MDL (mg/L)
4072604	Final Effluent	ND	10.0

MONITORING REPORT

COMPANY: Fort Monmouth DATE: 10-20-04
STREET ADDRESS: Bldg # 699
CITY: Eatontown STATE: NJ
HANDEX LOCATION CODE: 121739-01
SERVICE STATION NUMBER: PAGE of

Handex®
HANDEX OF NEW JERSEY
500 CAMPUS DRIVE, P.O. BOX 451
MORGANVILLE, NEW JERSEY 07751
1-908-536-8500 FAX: 1-908-536-7751
LAB CERTIFICATION #: 13993

pH METER # 300

SAMPLING POINT	pH (SU)	TIME
FINAL EFFLUENT	6.04	9:00
DUPLICATE	6.02	9:05
* CHECK STANDARD	7.05	9:15

To be taken after every 3 hours of field use (Calibrate to 7.0 standard)
(Acceptable Range – 6.8–7.2)

COMMENTS:

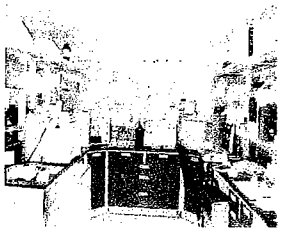
LAB MANAGER: K Ney
DATE: 10/25/04

HYDROGEOLOGIST:
TECHNICIAN: A. DeDomenico

REVIEWED BY: HYDRO
PROJ MGR:
PRINCIPAL:

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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



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

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: Bldg.699,616

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
4082005	0616MW01	29-30968	12/06/04
4081304	0699MW01	29-23677-1	12/03/04
4082002	0699MW02	29-23678-9	12/06/04
4081305	0699MW03	29-23674	12/03/04
4081306	0699MW04	29-23680	12/03/04
4081307	0699MW05	29-23806	12/03/04
4081308	0699MW06	29-23809	12/03/04
4081309	0699MW08	29-3811-1	12/03/04
4081310	0699MW09	29-24639	12/03/04
4081311	0699MW12	29-28907	12/03/04
4082003	0699MW15	29-33753	12/06/04
4081312	0699MW16	29-33757	12/03/04
4082903	0699RW11	29-28031	12/10/04
Not Sampled	0600MW01	29-30968	----------

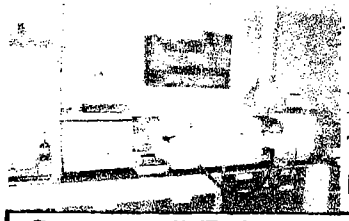
NJDEP Laboratory Certification # 13461

1-12-05
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

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



Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 26223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 699
4th QTR 04

Samplers Name / Company: George Boyce/TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	PB							Remarks / Preservation Method
40820 01	Trip	12/6/04		Ag	2	X								
02	Field Blank		0900		3		X							
03	699 MW 2		0919		3									
04	699 MW 15		0951		3									
05	616 MW 1		0935		3									

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
George Boyce	12-6-04 1140	J. Wright			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

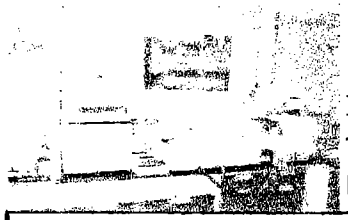
Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:
Tide:

print legibly

Page 1 of 1

699LTM XLS 12/2/2004



Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: Doug Guenther
Phone #: x20986
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 699

Samplers Name / Company: George Boyce (TVS)

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Pb							Remarks / Preservation Method
40813 01	Trip	12/2/04	—	AQ	2	X								
02	Field Blank		0940		3		X							
03	Dupe		—											
04	699 MW1		1558											
05	699 MW3		0948											
06	699 MW4		1637											
07	699 MW 5		1021											
08	699 MW 6 *		1003											
09	699 MW 8		1215											
10	699 MW 9		1034											
11	699 MW 12		1243											
12	699 MW 16		1314											

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
George Boyce	12/3/04 700	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

print legibly

Page 1 of 1

COC

Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: Doug Guenther
Phone: # 20986
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 699

Samplers Name / Company: /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Pb							Remarks / Preservation Method
40829 01	Trip	12/9/04	—	Grab	2	X								
02	Field Blank		0836		3		X							
03	RW 11		0847		3		X							

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
George Boyce	12/10/04 730	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

print legibly

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COC XLS10/20/2004

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW01
NJDEP ID #: 29-23677-1
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: George Boyce
DATE: 12/02/04
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.26 ft
DEPTH OF WELL: 14.31 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 9.05 ft
(9.05) X .65 X 3 = 17:64
GALLONS OF H_2O TO BE PURGED: 18 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 14:40
pH 4.25 su
DISSOLVED O_2 4.79 mg/L
TEMP 18.15 °C
SPECIFIC CONDUCTIVITY 5402.0 µs/cm

PURGE END TIME: 15:57
pH 4.66 su
DISSOLVED O_2 2.85 mg/L
TEMP 18.68 °C
SPECIFIC CONDUCTIVITY 6101.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.88 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 18 gal

SAMPLE START TIME: 15:58
pH 4.70 su
DISSOLVED O_2 2.59 mg/L
TEMP 18.63 °C
SPECIFIC CONDUCTIVITY 6102.0 µs/cm

SAMPLE END TIME: 16:03

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW03
NJDEP ID #: 29-23679
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: George Boyce
DATE: 12/02/04
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.63 ft
DEPTH OF WELL: 14.15 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 9.52 ft
(9.52) X .65 X 3 = 18.56
GALLONS OF H_2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: .023 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:25
pH 6.38 su — TEMP 17.40 °C
DISSOLVED O_2 2.57 mg/L — SPECIFIC CONDUCTIVITY 2700.0 µs/cm

PURGE END TIME: 09:47
pH 5.12 su — TEMP 17.87 °C
DISSOLVED O_2 1.05 mg/L — SPECIFIC CONDUCTIVITY 3193.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.71 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 09:48
pH 5.35 su — TEMP 17.99 °C
DISSOLVED O_2 0.33 mg/L — SPECIFIC CONDUCTIVITY 3468.0 µs/cm

SAMPLE END TIME: 09:53

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW02
NJDEP ID #: 29-23678-9
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: George Boyce
DATE: 12/06/04
WEATHER: Overcast and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 3.19 ft
DEPTH OF WELL: 16.30 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 13.11 ft
(13.11) X .65 X 3 = 25.56
GALLONS OF H_2O TO BE PURGED: 26 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 07:26
pH 5.78 su — TEMP 14.83 °C
DISSOLVED O_2 3.83 mg/L — SPECIFIC CONDUCTIVITY 3368.0 µs/cm

PURGE END TIME: 09:18
pH 4.98 su — TEMP 14.82 °C
DISSOLVED O_2 1.65 mg/L — SPECIFIC CONDUCTIVITY 3320.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.12 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 26 gal

SAMPLE START TIME: 09:19
pH 5.02 su — TEMP 15.00 °C
DISSOLVED O_2 1.17 mg/L — SPECIFIC CONDUCTIVITY 3335.0 µs/cm

SAMPLE END TIME: 09:24

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW05
NJDEP ID #: 29-23808
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: George Boyce
DATE: 12/02/04
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 3.64 ft
DEPTH OF WELL: 14.69 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 11.05 ft
(11.05) X .65 X 3 = 21.54
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:45
pH 5.16 su — TEMP 17.78 °C
DISSOLVED O_2 1.88 mg/L — SPECIFIC CONDUCTIVITY 4648.0 µs/cm

PURGE END TIME: 10:20
pH 4.56 su — TEMP 17.02 °C
DISSOLVED O_2 1.85 mg/L — SPECIFIC CONDUCTIVITY 4672.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 3.99 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 10:21
pH 4.51 su — TEMP 16.95 °C
DISSOLVED O_2 1.91 mg/L — SPECIFIC CONDUCTIVITY 4488.0 µs/cm

SAMPLE END TIME: 10:26

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW04
NJDEP ID #: 29-23680
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: George Boyce
DATE: 12/02/04
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.21 ft
DEPTH OF WELL: 18.09 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 12.88 ft
(12.88) X .65 X 3 = 25.11
GALLONS OF H_2O TO BE PURGED: 25 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 14:45
pH 5.28 su — TEMP 19.09 °C
DISSOLVED O_2 9.81 mg/L — SPECIFIC CONDUCTIVITY 3209.0 µs/cm

PURGE END TIME: 16:36
pH 6.19 su — TEMP 19.58 °C
DISSOLVED O_2 4.73 mg/L — SPECIFIC CONDUCTIVITY 3492.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.27 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 26 gal

SAMPLE START TIME: 16:37
pH 6.22 su — TEMP 19.37 °C
DISSOLVED O_2 3.70 mg/L — SPECIFIC CONDUCTIVITY 3627.0 µs/cm

SAMPLE END TIME: 16:42

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW06
NJDEP ID #: 29-23809
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: George Boyce
DATE: 12/02/04
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.51 ft
DEPTH OF WELL: 14.20 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 9.69 ft
(9.69) X .65 X 3 = 18.89
GALLONS OF H_2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:40
pH 6.22 su
DISSOLVED O_2 3.23 mg/L
TEMP 16.85 °C
SPECIFIC CONDUCTIVITY 2888.0 µs/cm

PURGE END TIME: 10:02
pH 5.29 su
DISSOLVED O_2 2.01 mg/L
TEMP 16.88 °C
SPECIFIC CONDUCTIVITY 2966.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.13 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 10:03
pH 5.27 su
DISSOLVED O_2 1.95 mg/L
TEMP 16.68 °C
SPECIFIC CONDUCTIVITY 2989.0 µs/cm

SAMPLE END TIME: 10:08

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW08
NJDEP ID #: 29-3811-1
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: George Boyce
DATE: 12/02/04
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.40 ft
DEPTH OF WELL: 13.38 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 7.98 ft
(7.98) X .65 X 3 = 15.56
GALLONS OF H_2O TO BE PURGED: 16 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:05
pH 3.48 su — TEMP 18.42 °C
DISSOLVED O_2 3.03 mg/L — SPECIFIC CONDUCTIVITY 4409.0 µs/cm

PURGE END TIME: 12:14
pH 3.66 su — TEMP 18.45 °C
DISSOLVED O_2 3.80 mg/L — SPECIFIC CONDUCTIVITY 4360.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.04 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 12:15
pH 3.67 su — TEMP 18.26 °C
DISSOLVED O_2 3.71 mg/L — SPECIFIC CONDUCTIVITY 4366.0 µs/cm

SAMPLE END TIME: 12:17

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW09
NJDEP ID #: 29-24639
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: George Boyce
DATE: 12/02/04
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.42 ft
DEPTH OF WELL: 12.98 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 8.56 ft
(8.56) X .65 X 3 = 16.69
GALLONS OF H2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:20
pH 3.26 su — TEMP 14.71 °C
DISSOLVED O_2 2.54 mg/L — SPECIFIC CONDUCTIVITY 3648.0 µs/cm

PURGE END TIME: 10:05
pH 3.43 su — TEMP 15.05 °C
DISSOLVED O_2 .51 mg/L — SPECIFIC CONDUCTIVITY 3268.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.18 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 10:34
pH 3.40 su — TEMP 14.90 °C
DISSOLVED O_2 .78 mg/L — SPECIFIC CONDUCTIVITY 3220.0 µs/cm

SAMPLE END TIME: 10:39

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW12
NJDEP ID #: 29-28907
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: George Boyce
DATE: 12/02/04
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.73 ft
DEPTH OF WELL: 14.67 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 8.94 ft
(8.94) X .65 X 3 = 17.43
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:25
pH 3.95 su
DISSOLVED O_2 1.59 mg/L
TEMP 18.36 °C
SPECIFIC CONDUCTIVITY 2053.0 µs/cm

PURGE END TIME: 12:42
pH 3.75 su
DISSOLVED O_2 3.35 mg/L
TEMP 18.15 °C
SPECIFIC CONDUCTIVITY 2140.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.61 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 18 gal

SAMPLE START TIME: 12:43
pH 3.76 su
DISSOLVED O_2 3.14 mg/L
TEMP 18.01 °C
SPECIFIC CONDUCTIVITY 2151.0 µs/cm

SAMPLE END TIME: 12:48

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW15
NJDEP ID #: 29-33753
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: George Boyce
DATE: 12/06/04
WEATHER: Overcast and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 3.09 ft
DEPTH OF WELL: 13.75 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 10.66 ft
(10.66) X .65 X 3 = 20.78
GALLONS OF H2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:20
pH 5.25 su — TEMP 14.00 °C
DISSOLVED O_2 5.22 mg/L — SPECIFIC CONDUCTIVITY 2535.0 µs/cm

PURGE END TIME: 09:50
pH 4.77 su — TEMP 14.00 °C
DISSOLVED O_2 3.14 mg/L — SPECIFIC CONDUCTIVITY 2487.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.51 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 09:51
pH 4.91 su — TEMP 14.01 °C
DISSOLVED O_2 2.13 mg/L — SPECIFIC CONDUCTIVITY 2551.0 µs/cm

SAMPLE END TIME: 09:56

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW16
NJDEP ID #: 29-33757
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: George Boyce
DATE: 12/02/04
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 3.62 ft
DEPTH OF WELL: 13.72 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 10.1 ft
(10.1) X .65 X 3 = 19.69
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:45
pH 3.55 su — TEMP 14.34 °C
DISSOLVED O_2 1.71 mg/L — SPECIFIC CONDUCTIVITY 2641.0 µs/cm

PURGE END TIME: 13:13
pH 3.54 su — TEMP 14.37 °C
DISSOLVED O_2 2.37 mg/L — SPECIFIC CONDUCTIVITY 2698.0 µs/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 4.86 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal
.0
SAMPLE START TIME: 13:14
pH 3.52 su — TEMP 14.19 °C
DISSOLVED O_2 1.33 mg/L — SPECIFIC CONDUCTIVITY 2615.0 µs/cm

SAMPLE END TIME: 13:19

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0616MW01
NJDEP ID #: 29-33760
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: George Boyce
DATE: 12/07/04
WEATHER: Overcast and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.72 ft
DEPTH OF WELL: 16.28 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.56 ft
(11.56) X .65 X 3 = 22.54
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 07:45
pH 5.38 su — TEMP 13.54 °C
DISSOLVED O_2 3.61 mg/L — SPECIFIC CONDUCTIVITY 2374.0 µs/cm

PURGE END TIME: 09:34
pH 4.34 su — TEMP 13.77 °C
DISSOLVED O_2 1.07 mg/L — SPECIFIC CONDUCTIVITY 2429.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.53 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 09:35
pH 4.20 su — TEMP 13.76 °C
DISSOLVED O_2 0.77 mg/L — SPECIFIC CONDUCTIVITY 2434.0 µs/cm

SAMPLE END TIME: 09:40

COMMENTS:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

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

Data File	VB018227.D	Sample Name	MB 06Dec04
Operator	Skelton	Field ID	MB 06Dec04
Date Acquired	6 Dec 2004 2:29 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.66	35920	0.91 ug/L	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 06Dec04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40813 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 06Dec04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018227.D

Level: (low/med) LOW Date Received: 12/3/2004

% Moisture: not dec. _____ Date Analyzed: 12/6/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018261.D	Sample Name	MB 09Dec04
Operator	Skelton	Field ID	MB 09Dec04
Date Acquired	9 Dec 2004 2:24 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.66	21149	0.55 ug/L	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 09Dec04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40813 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 09Dec04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018261.D

Level: (low/med) LOW Date Received: 12/3/2004

% Moisture: not dec. Date Analyzed: 12/9/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018295.D	Sample Name	MB 16Dec04
Operator	Skelton	Field ID	MB 16Dec04
Date Acquired	16 Dec 2004 1:13 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 16Dec04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40813 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 16Dec04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018295.D

Level: (low/med) LOW Date Received: 12/3/2004

% Moisture: not dec. Date Analyzed: 12/16/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018327.D	Sample Name	MB 17Dec04
Operator	Skelton	Field ID	MB 17Dec04
Date Acquired	17 Dec 2004 3:45 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 17Dec04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40829 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 17Dec04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018327.D

Level: (low/med) LOW Date Received: 12/10/2004

% Moisture: not dec. Date Analyzed: 12/17/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018238.D	Sample Name	4081301
Operator	Skelton	Field ID	Trip Blank
Date Acquired	6 Dec 2004 10:24 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.66	36366	1.06 ug/L	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40813 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4081301

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018238.D

Level: (low/med) LOW Date Received: 12/3/2004

% Moisture: not dec. Date Analyzed: 12/6/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018275.D	Sample Name	4082001
Operator	Skelton	Field ID	Trip Blank
Date Acquired	10 Dec 2004 12:06 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.66	42657	1.07 ug/L	6	0.38 ug/L	2.00 ug/L	B
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40820 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4082001

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018275.D

Level: (low/med) LOW Date Received: 12/6/2004

% Moisture: not dec. Date Analyzed: 12/10/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018314.D	Sample Name	4082901
Operator	Skelton	Field ID	Trip Blank
Date Acquired	17 Dec 2004 2:19 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.66	59135	1.96 ug/L	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40829 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4082901

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018314.D

Level: (low/med) LOW Date Received: 12/10/2004

% Moisture: not dec. _____ Date Analyzed: 12/17/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018239.D	Sample Name	4081302
Operator	Skelton	Field ID	Field Blank
Date Acquired	6 Dec 2004 11:05 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.66	42054	1.26 ug/L	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40813 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4081302

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018239.D

Level: (low/med) LOW Date Received: 12/3/2004

% Moisture: not dec. Date Analyzed: 12/6/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018276.D	Sample Name	4082002
Operator	Skelton	Field ID	Field Blank
Date Acquired	10 Dec 2004 12:47 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.67	39092	1.06 ug/L	6	0.38 ug/L	2.00 ug/L	B
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40820 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4082002

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018276.D

Level: (low/med) LOW Date Received: 12/6/2004

% Moisture: not dec. Date Analyzed: 12/10/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018315.D	Sample Name	4082902
Operator	Skelton	Field ID	Field Blank
Date Acquired	17 Dec 2004 3:01 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.67	51341	1.70 ug/L	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40829 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4082902

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018315.D

Level: (low/med) LOW Date Received: 12/10/2004

% Moisture: not dec. Date Analyzed: 12/17/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018262.D	Sample Name	4081303
Operator	Skelton	Field ID	Dupe
Date Acquired	9 Dec 2004 3:08 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1;1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.15	305748	3.76 ug/L	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	237983	2.69 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	8944894	86.35 ug/L	700	0.28 ug/L	2.00 ug/L	E
1330-20-7	m+p-Xylenes	26.01	3861402	108.25 ug/L	nle	0.63 ug/L	4.00 ug/L	E
95-47-6	o-Xylene	26.85	2430904	33.27 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018268.D	Sample Name	4081303
Operator	Skelton	Field ID	Dupe
Date Acquired	9 Dec 2004 7:16 pm	Sample Multiplier	5

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	7.85 ug/L	100.00 ug/L	
107131	Acrylonitrile			not detected	50	12.35 ug/L	100.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	42.70 ug/L	100.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	1.50 ug/L	10.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.85 ug/L	10.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	2.30 ug/L	10.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.50 ug/L	10.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.00 ug/L	10.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.25 ug/L	10.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.35 ug/L	10.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.30 ug/L	10.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	1.35 ug/L	10.00 ug/L	
67-64-1	Acetone			not detected	700	26.90 ug/L	10.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.80 ug/L	10.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	2.75 ug/L	10.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	1.25 ug/L	10.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	1.60 ug/L	10.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	1.00 ug/L	10.00 ug/L	
78-93-3	2-Butanone			not detected	300	4.50 ug/L	10.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	1.40 ug/L	10.00 ug/L	
67-66-3	Chloroform			not detected	6	1.90 ug/L	10.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	1.35 ug/L	10.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.00 ug/L	10.00 ug/L	
71-43-2	Benzene	18.16	117223	7.35 ug/L	1	1.00 ug/L	10.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	1.10 ug/L	10.00 ug/L	
79-01-6	Trichloroethene			not detected	1	1.40 ug/L	10.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	1.65 ug/L	10.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	1.25 ug/L	10.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.25 ug/L	10.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.90 ug/L	10.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.90 ug/L	10.00 ug/L	
108-88-3	Toluene	22.70	80181	4.62 ug/L	1000	1.25 ug/L	10.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.70 ug/L	10.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.25 ug/L	10.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	1.30 ug/L	10.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.45 ug/L	10.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.20 ug/L	10.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	1.50 ug/L	10.00 ug/L	
100-41-4	Ethylbenzene	25.73	2407755	114.78 ug/L	700	1.40 ug/L	10.00 ug/L	D
1330-20-7	m+p-Xylenes	26.02	996995	138.01 ug/L	nle	3.15 ug/L	20.00 ug/L	D
95-47-6	o-Xylene	26.85	659793	44.59 ug/L	nle	1.20 ug/L	10.00 ug/L	D
100-42-5	Styrene			not detected	100	1.70 ug/L	10.00 ug/L	
75-25-2	Bromoform			not detected	4	1.20 ug/L	10.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.20 ug/L	10.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.20 ug/L	10.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.25 ug/L	10.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.35 ug/L	10.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40813 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4081303

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018262.D

Level: (low/med) LOW Date Received: 12/3/2004

% Moisture: not dec. Date Analyzed: 12/9/2004

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.69	30	J
2. 000079-29-8	Butane, 2,3-dimethyl-	10.78	36	JN
3. 000096-37-7	Cyclopentane, methyl-	14.50	45	JN
4. 000103-65-1	Benzene, propyl-	28.25	32	JN
5. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.41	60	JN
6. 000108-67-8	Benzene, 1,3,5-trimethyl-	28.60	38	JN
7. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.03	46	JN
8. 000108-67-8	Benzene, 1,3,5-trimethyl-	29.36	180	JN
9. 000526-73-8	Benzene, 1,2,3-trimethyl-	30.22	21	JN
10. 000496-11-7	Indane	30.51	39	JN

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

Data File	VB018263.D	Sample Name	4081306
Operator	Skelton	Field ID	699MW4
Date Acquired	9 Dec 2004 3:49 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.69	16680211	535.77 ug/L	70	0.30 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.15	1847966	19.26 ug/L	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	4646669	44.46 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	5111130	40.86 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.01	5852684	135.86 ug/L	nle	0.63 ug/L	4.00 ug/L	E
95-47-6	o-Xylene	26.85	7581070	85.93 ug/L	nle	0.24 ug/L	2.00 ug/L	E
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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1/10/2005 1:09 PM

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

Data File	VB018296.D	Sample Name	4081306
Operator	Skelton	Field ID	699MW4
Date Acquired	16 Dec 2004 1:54 pm	Sample Multiplier	2

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	3.14 ug/L	40.00 ug/L	
107131	Acrylonitrile			not detected	50	4.94 ug/L	40.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	17.08 ug/L	40.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.71	5216694	471.71 ug/L	70	0.60 ug/L	4.00 ug/L	E D
108203	Di-isopropyl ether			not detected	nle	0.74 ug/L	4.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.92 ug/L	4.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.60 ug/L	4.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	4.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.50 ug/L	4.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.54 ug/L	4.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.52 ug/L	4.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.54 ug/L	4.00 ug/L	
67-64-1	Acetone			not detected	700	10.76 ug/L	4.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.32 ug/L	4.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.10 ug/L	4.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	4.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.64 ug/L	4.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.40 ug/L	4.00 ug/L	
78-93-3	2-Butanone			not detected	300	1.80 ug/L	4.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.56 ug/L	4.00 ug/L	
67-66-3	Chloroform			not detected	6	0.76 ug/L	4.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.54 ug/L	4.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.40 ug/L	4.00 ug/L	
71-43-2	Benzene	18.16	193146	5.52 ug/L	1	0.40 ug/L	4.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	0.44 ug/L	4.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.56 ug/L	4.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.66 ug/L	4.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.50 ug/L	4.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.50 ug/L	4.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.36 ug/L	4.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.76 ug/L	4.00 ug/L	
108-88-3	Toluene	22.70	270891	6.98 ug/L	1000	0.50 ug/L	4.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.28 ug/L	4.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.50 ug/L	4.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.52 ug/L	4.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.58 ug/L	4.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.48 ug/L	4.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.60 ug/L	4.00 ug/L	
100-41-4	Ethylbenzene	25.73	134692	2.90 ug/L	700	0.56 ug/L	4.00 ug/L	D
1330-20-7	m+p-Xylenes	26.02	138398	8.85 ug/L	nle	1.26 ug/L	8.00 ug/L	D
95-47-6	o-Xylene	26.85	246273	7.72 ug/L	nle	0.48 ug/L	4.00 ug/L	D
100-42-5	Styrene			not detected	100	0.68 ug/L	4.00 ug/L	
75-25-2	Bromoform			not detected	4	0.48 ug/L	4.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.48 ug/L	4.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.48 ug/L	4.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.50 ug/L	4.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.54 ug/L	4.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018272.D	Sample Name	4081306
Operator	Skelton	Field ID	699MW4
Date Acquired	9 Dec 2004 10:01 pm	Sample Multiplier	20

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	31.40 ug/L	400.00 ug/L	
107131	Acrylonitrile			not detected	50	49.40 ug/L	400.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	170.80 ug/L	400.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.77	616967	435.48 ug/L	70	6.00 ug/L	40.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	7.40 ug/L	40.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	9.20 ug/L	40.00 ug/L	
74-87-3	Chloromethane			not detected	30	6.00 ug/L	40.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	4.00 ug/L	40.00 ug/L	
74-83-9	Bromomethane			not detected	10	5.00 ug/L	40.00 ug/L	
75-00-3	Chloroethane			not detected	nle	5.40 ug/L	40.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	5.20 ug/L	40.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	5.40 ug/L	40.00 ug/L	
67-64-1	Acetone			not detected	700	107.60 ug/L	40.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	3.20 ug/L	40.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	11.00 ug/L	40.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	5.00 ug/L	40.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	6.40 ug/L	40.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	4.00 ug/L	40.00 ug/L	
78-93-3	2-Butanone			not detected	300	18.00 ug/L	40.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	5.60 ug/L	40.00 ug/L	
67-66-3	Chloroform			not detected	6	7.60 ug/L	40.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	5.40 ug/L	40.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	4.00 ug/L	40.00 ug/L	
71-43-2	Benzene	18.16	43072	10.33 ug/L	1	4.00 ug/L	40.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	4.40 ug/L	40.00 ug/L	
79-01-6	Trichloroethene			not detected	1	5.60 ug/L	40.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	6.60 ug/L	40.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	5.00 ug/L	40.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	5.00 ug/L	40.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	3.60 ug/L	40.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	7.60 ug/L	40.00 ug/L	
108-88-3	Toluene	22.69	81814	18.02 ug/L	1000	5.00 ug/L	40.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	2.80 ug/L	40.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	5.00 ug/L	40.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	5.20 ug/L	40.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	5.80 ug/L	40.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	4.80 ug/L	40.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	6.00 ug/L	40.00 ug/L	
100-41-4	Ethylbenzene	25.73	44682	8.11 ug/L	700	5.60 ug/L	40.00 ug/L	D
1330-20-7	m+p-Xylenes	26.02	42260	22.28 ug/L	nle	12.60 ug/L	80.00 ug/L	D
95-47-6	o-Xylene	26.85	60202	15.50 ug/L	nle	4.80 ug/L	40.00 ug/L	D
100-42-5	Styrene			not detected	100	6.80 ug/L	40.00 ug/L	
75-25-2	Bromoform			not detected	4	4.80 ug/L	40.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	4.80 ug/L	40.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	4.80 ug/L	40.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	5.00 ug/L	40.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	5.40 ug/L	40.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40813 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4081306

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018263.D

Level: (low/med) LOW Date Received: 12/3/2004

% Moisture: not dec. Date Analyzed: 12/9/2004

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.69	40	J
2. 000096-37-7	Cyclopentane, methyl-	14.50	73	JN
3. 000098-82-8	Benzene, (1-methylethyl)-	27.45	53	JN
4. 000103-65-1	Benzene, propyl-	28.25	86	JN
5. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.41	50	JN
6. 000526-73-8	Benzene, 1,2,3-trimethyl-	29.36	96	JN
7. 000526-73-8	Benzene, 1,2,3-trimethyl-	30.22	40	JN
8. 000496-11-7	Indane	30.51	250	JN
9. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	31.32	51	JN
10. 027133-93-3	2,3-Dihydro-1-methylindene	33.09	68	JN

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

Data File	VB018264.D	Sample Name	4081307
Operator	Skelton	Field ID	699MW5
Date Acquired	9 Dec 2004 4:30 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40813 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4081307

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018264.D

Level: (low/med) LOW Date Received: 12/3/2004

% Moisture: not dec. _____ Date Analyzed: 12/9/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018265.D	Sample Name	4081308
Operator	Skelton	Field ID	699MW6
Date Acquired	9 Dec 2004 5:11 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.16	351583	3.70 ug/L	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.70	283233	2.74 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	9979889	81.18 ug/L	700	0.28 ug/L	2.00 ug/L	E
1330-20-7	m+p-Xylenes	26.02	4403851	104.02 ug/L	nle	0.63 ug/L	4.00 ug/L	E
95-47-6	o-Xylene	26.85	2873688	33.14 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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1/10/2005 1:09 PM

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

Data File	VB018269.D	Sample Name	4081308
Operator	Skelton	Field ID	699MW6
Date Acquired	9 Dec 2004 7:57 pm	Sample Multiplier	2

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	3.14 ug/L	40.00 ug/L	
107131	Acrylonitrile			not detected	50	4.94 ug/L	40.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	17.08 ug/L	40.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.60 ug/L	4.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.74 ug/L	4.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.92 ug/L	4.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.60 ug/L	4.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	4.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.50 ug/L	4.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.54 ug/L	4.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.52 ug/L	4.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.54 ug/L	4.00 ug/L	
67-64-1	Acetone			not detected	700	10.76 ug/L	4.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.32 ug/L	4.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.10 ug/L	4.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	4.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.64 ug/L	4.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.40 ug/L	4.00 ug/L	
78-93-3	2-Butanone			not detected	300	1.80 ug/L	4.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.56 ug/L	4.00 ug/L	
67-66-3	Chloroform			not detected	6	0.76 ug/L	4.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.54 ug/L	4.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.40 ug/L	4.00 ug/L	
71-43-2	Benzene	18.16	149631	3.47 ug/L	1	0.40 ug/L	4.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	0.44 ug/L	4.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.56 ug/L	4.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.66 ug/L	4.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.50 ug/L	4.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.50 ug/L	4.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.36 ug/L	4.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.76 ug/L	4.00 ug/L	
108-88-3	Toluene	22.69	125957	2.68 ug/L	1000	0.50 ug/L	4.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.28 ug/L	4.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.50 ug/L	4.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.52 ug/L	4.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.58 ug/L	4.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.48 ug/L	4.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.60 ug/L	4.00 ug/L	
100-41-4	Ethylbenzene	25.73	4175743	75.31 ug/L	700	0.56 ug/L	4.00 ug/L	D
1330-20-7	m+p-Xylenes	26.02	1807605	94.66 ug/L	nle	1.26 ug/L	8.00 ug/L	D
95-47-6	o-Xylene	26.85	1162318	29.72 ug/L	nle	0.48 ug/L	4.00 ug/L	D
100-42-5	Styrene			not detected	100	0.68 ug/L	4.00 ug/L	
75-25-2	Bromoform			not detected	4	0.48 ug/L	4.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.48 ug/L	4.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.48 ug/L	4.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.50 ug/L	4.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.54 ug/L	4.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW06**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40813 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4081308

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018265.D

Level: (low/med) LOW Date Received: 12/3/2004

% Moisture: not dec. Date Analyzed: 12/9/2004

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.69	26	J
2. 000079-29-8	Butane, 2,3-dimethyl-	10.79	35	JN
3. 000096-37-7	Cyclopentane, methyl-	14.50	44	JN
4. 000103-65-1	Benzene, propyl-	28.25	30	JN
5. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.41	67	JN
6. 000108-67-8	Benzene, 1,3,5-trimethyl-	28.60	37	JN
7. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.04	44	JN
8. 000108-67-8	Benzene, 1,3,5-trimethyl-	29.36	170	JN
9. 000526-73-8	Benzene, 1,2,3-trimethyl-	30.22	21	JN
10. 000496-11-7	Indane	30.51	36	JN

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

Data File	VB018266.D	Sample Name	4081309
Operator	Skelton	Field ID	699MW8
Date Acquired	9 Dec 2004 5:53 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
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PQL = Practical Quantitation Limit

MDL = Method Detection Limit
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R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW08**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40813 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4081309

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018266.D

Level: (low/med) LOW Date Received: 12/3/2004

% Moisture: not dec. Date Analyzed: 12/9/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018267.D	Sample Name	4081310
Operator	Skelton	Field ID	699MW9
Date Acquired	9 Dec 2004 6:34 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW09**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40813 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4081310

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018267.D

Level: (low/med) LOW Date Received: 12/3/2004

% Moisture: not dec. _____ Date Analyzed: 12/9/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018244.D	Sample Name	4081311
Operator	Skelton	Field ID	699MW12
Date Acquired	7 Dec 2004 2:32 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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1/10/2005 12:05 PM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW12**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40813 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4081311

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018244.D

Level: (low/med) LOW Date Received: 12/3/2004

% Moisture: not dec. Date Analyzed: 12/7/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018278.D	Sample Name	4082004
Operator	Skelton	Field ID	699MW15
Date Acquired	10 Dec 2004 2:10 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW15**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40820 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4082004

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018278.D

Level: (low/med) LOW Date Received: 12/6/2004

% Moisture: not dec. Date Analyzed: 12/10/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018245.D	Sample Name	4081312
Operator	Skelton	Field ID	699MW16
Date Acquired	7 Dec 2004 3:13 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.66	154252	3.56 ug/L	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.48	25729	1.09 ug/L	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW16**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40813 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4081312

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018245.D

Level: (low/med) LOW Date Received: 12/3/2004

% Moisture: not dec. Date Analyzed: 12/7/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018279.D	Sample Name	4082005
Operator	Skelton	Field ID	616MW1
Date Acquired	10 Dec 2004 2:52 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **616MW01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40820 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4082005

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018279.D

Level: (low/med) LOW Date Received: 12/6/2004

% Moisture: not dec. _____ Date Analyzed: 12/10/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018316.D	Sample Name	4082903
Operator	Skelton	Field ID	RW11
Date Acquired	17 Dec 2004 3:43 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.70	8867587	380.39 ug/L	70	0.30 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.14	39598144	442.46 ug/L	1	0.20 ug/L	2.00 ug/L	E
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.70	9982031	100.55 ug/L	1000	0.25 ug/L	2.00 ug/L	E
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.72	31482905	271.60 ug/L	700	0.28 ug/L	2.00 ug/L	E
1330-20-7	m+p-Xylenes	26.02	23291822	596.52 ug/L	nle	0.63 ug/L	4.00 ug/L	E
95-47-6	o-Xylene	26.85	12971493	162.96 ug/L	nle	0.24 ug/L	2.00 ug/L	E
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018329.D	Sample Name	4082903
Operator	Skelton	Field ID	RW11
Date Acquired	17 Dec 2004 5:07 pm	Sample Multiplier	5

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	7.85 ug/L	100.00 ug/L	
107131	Acrylonitrile			not detected	50	12.35 ug/L	100.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	42.70 ug/L	100.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.73	974062	331.62 ug/L	70	1.50 ug/L	10.00 ug/L	E D
108203	Di-isopropyl ether			not detected	nle	1.85 ug/L	10.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	2.30 ug/L	10.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.50 ug/L	10.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.00 ug/L	10.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.25 ug/L	10.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.35 ug/L	10.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.30 ug/L	10.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	1.35 ug/L	10.00 ug/L	
67-64-1	Acetone			not detected	700	26.90 ug/L	10.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.80 ug/L	10.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	2.75 ug/L	10.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	1.25 ug/L	10.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	1.60 ug/L	10.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	1.00 ug/L	10.00 ug/L	
78-93-3	2-Butanone			not detected	300	4.50 ug/L	10.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	1.40 ug/L	10.00 ug/L	
67-66-3	Chloroform			not detected	6	1.90 ug/L	10.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	1.35 ug/L	10.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.00 ug/L	10.00 ug/L	
71-43-2	Benzene	18.15	6987092	598.91 ug/L	1	1.00 ug/L	10.00 ug/L	E D
107-06-2	1,2-Dichloroethane			not detected	2	1.10 ug/L	10.00 ug/L	
79-01-6	Trichloroethene			not detected	1	1.40 ug/L	10.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	1.65 ug/L	10.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	1.25 ug/L	10.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.25 ug/L	10.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.90 ug/L	10.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.90 ug/L	10.00 ug/L	
108-88-3	Toluene	22.69	1066372	82.82 ug/L	1000	1.25 ug/L	10.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.70 ug/L	10.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.25 ug/L	10.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	1.30 ug/L	10.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.45 ug/L	10.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	1.20 ug/L	10.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	1.50 ug/L	10.00 ug/L	
100-41-4	Ethylbenzene	25.73	6825728	434.26 ug/L	700	1.40 ug/L	10.00 ug/L	E D
1330-20-7	m+p-Xylenes	26.01	3122651	592.40 ug/L	nle	3.15 ug/L	20.00 ug/L	E D
95-47-6	o-Xylene	26.85	1286398	119.49 ug/L	nle	1.20 ug/L	10.00 ug/L	D
100-42-5	Styrene			not detected	100	1.70 ug/L	10.00 ug/L	
75-25-2	Bromoform			not detected	4	1.20 ug/L	10.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.20 ug/L	10.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.20 ug/L	10.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.25 ug/L	10.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.35 ug/L	10.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018330.D	Sample Name	4082903
Operator	Skelton	Field ID	RW11
Date Acquired	17 Dec 2004 5:48 pm	Sample Multiplier	20

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	31.40 ug/L	400.00 ug/L	
107131	Acrylonitrile			not detected	50	49.40 ug/L	400.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	170.80 ug/L	400.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.78	283357	355.32 ug/L	70	6.00 ug/L	40.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	7.40 ug/L	40.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	9.20 ug/L	40.00 ug/L	
74-87-3	Chloromethane			not detected	30	6.00 ug/L	40.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	4.00 ug/L	40.00 ug/L	
74-83-9	Bromomethane			not detected	10	5.00 ug/L	40.00 ug/L	
75-00-3	Chloroethane			not detected	nle	5.40 ug/L	40.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	5.20 ug/L	40.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	5.40 ug/L	40.00 ug/L	
67-64-1	Acetone			not detected	700	107.60 ug/L	40.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	3.20 ug/L	40.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	11.00 ug/L	40.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	5.00 ug/L	40.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	6.40 ug/L	40.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	4.00 ug/L	40.00 ug/L	
78-93-3	2-Butanone			not detected	300	18.00 ug/L	40.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	5.60 ug/L	40.00 ug/L	
67-66-3	Chloroform			not detected	6	7.60 ug/L	40.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	5.40 ug/L	40.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	4.00 ug/L	40.00 ug/L	
71-43-2	Benzene	18.15	2335303	708.51 ug/L	1	4.00 ug/L	40.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	4.40 ug/L	40.00 ug/L	
79-01-6	Trichloroethene			not detected	1	5.60 ug/L	40.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	6.60 ug/L	40.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	5.00 ug/L	40.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	5.00 ug/L	40.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	3.60 ug/L	40.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	7.60 ug/L	40.00 ug/L	
108-88-3	Toluene	22.70	371176	102.03 ug/L	1000	5.00 ug/L	40.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	2.80 ug/L	40.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	5.00 ug/L	40.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	5.20 ug/L	40.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	5.80 ug/L	40.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	4.80 ug/L	40.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	6.00 ug/L	40.00 ug/L	
100-41-4	Ethylbenzene	25.73	2250768	545.62 ug/L	700	5.60 ug/L	40.00 ug/L	D
1330-20-7	m+p-Xylenes	26.02	977424	706.54 ug/L	nle	12.60 ug/L	80.00 ug/L	D
95-47-6	o-Xylene	26.85	389559	137.88 ug/L	nle	4.80 ug/L	40.00 ug/L	D
100-42-5	Styrene			not detected	100	6.80 ug/L	40.00 ug/L	
75-25-2	Bromoform			not detected	4	4.80 ug/L	40.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	4.80 ug/L	40.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	4.80 ug/L	40.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	5.00 ug/L	40.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	5.40 ug/L	40.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **RW11**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40829 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4082903

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018316.D

Level: (low/med) LOW Date Received: 12/10/2004

% Moisture: not dec. Date Analyzed: 12/17/2004

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.68	99	J
2. 000096-37-7	Cyclopentane, methyl-	14.51	110	JN
3. 000098-82-8	Benzene, (1-methylethyl)-	27.45	99	JN
4. 000103-65-1	Benzene, propyl-	28.25	130	JN
5. 000108-67-8	Benzene, 1,3,5-trimethyl-	28.60	130	JN
6. 000622-96-8	Benzene, 1-ethyl-4-methyl-	29.03	120	JN
7. 000526-73-8	Benzene, 1,2,3-trimethyl-	29.37	510	JN
8. 000526-73-8	Benzene, 1,2,3-trimethyl-	30.23	140	JN
9. 000496-11-7	Indane	30.52	460	JN
10. 001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	31.33	99	JN

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

Data File	VB018240.D	Sample Name	4081304
Operator	Skelton	Field ID	699MW1
Date Acquired	6 Dec 2004 11:46 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.16	2873506	34.76 ug/L	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.68	31676043	342.42 ug/L	1000	0.25 ug/L	2.00 ug/L	E
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.72	31074619	253.27 ug/L	700	0.28 ug/L	2.00 ug/L	E
1330-20-7	m+p-Xylenes	26.01	41804375	971.13 ug/L	nle	0.63 ug/L	4.00 ug/L	E
95-47-6	o-Xylene	26.84	39036533	432.47 ug/L	nle	0.24 ug/L	2.00 ug/L	E
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018270.D	Sample Name	4081304
Operator	Skelton	Field ID	699MW1
Date Acquired	9 Dec 2004 8:39 pm	Sample Multiplier	20

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	31.40 ug/L	400.00 ug/L	
107131	Acrylonitrile			not detected	50	49.40 ug/L	400.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	170.80 ug/L	400.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	6.00 ug/L	40.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	7.40 ug/L	40.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	9.20 ug/L	40.00 ug/L	
74-87-3	Chloromethane			not detected	30	6.00 ug/L	40.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	4.00 ug/L	40.00 ug/L	
74-83-9	Bromomethane			not detected	10	5.00 ug/L	40.00 ug/L	
75-00-3	Chloroethane			not detected	nle	5.40 ug/L	40.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	5.20 ug/L	40.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	5.40 ug/L	40.00 ug/L	
67-64-1	Acetone			not detected	700	107.60 ug/L	40.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	3.20 ug/L	40.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	11.00 ug/L	40.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	5.00 ug/L	40.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	6.40 ug/L	40.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	4.00 ug/L	40.00 ug/L	
78-93-3	2-Butanone			not detected	300	18.00 ug/L	40.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	5.60 ug/L	40.00 ug/L	
67-66-3	Chloroform			not detected	6	7.60 ug/L	40.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	5.40 ug/L	40.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	4.00 ug/L	40.00 ug/L	
71-43-2	Benzene	18.16	75604	18.33 ug/L	1	4.00 ug/L	40.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	4.40 ug/L	40.00 ug/L	
79-01-6	Trichloroethene			not detected	1	5.60 ug/L	40.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	6.60 ug/L	40.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	5.00 ug/L	40.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	5.00 ug/L	40.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	3.60 ug/L	40.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	7.60 ug/L	40.00 ug/L	
108-88-3	Toluene	22.70	710963	158.27 ug/L	1000	5.00 ug/L	40.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	2.80 ug/L	40.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	5.00 ug/L	40.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	5.20 ug/L	40.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	5.80 ug/L	40.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	4.80 ug/L	40.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	6.00 ug/L	40.00 ug/L	
100-41-4	Ethylbenzene	25.73	462436	83.61 ug/L	700	5.60 ug/L	40.00 ug/L	D
1330-20-7	m+p-Xylenes	26.02	1224263	642.75 ug/L	nle	12.60 ug/L	80.00 ug/L	D
95-47-6	o-Xylene	26.85	1366824	350.37 ug/L	nle	4.80 ug/L	40.00 ug/L	D
100-42-5	Styrene			not detected	100	6.80 ug/L	40.00 ug/L	
75-25-2	Bromoform			not detected	4	4.80 ug/L	40.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	4.80 ug/L	40.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	4.80 ug/L	40.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	5.00 ug/L	40.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	5.40 ug/L	40.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40813 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4081304

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018240.D

Level: (low/med) LOW Date Received: 12/3/2004

% Moisture: not dec. Date Analyzed: 12/6/2004

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.42	1100	JN
2. 000526-73-8	Benzene, 1,2,3-trimethyl-	28.61	690	JN
3. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.04	600	JN
4.	unknown	29.38	1200	J
5. 000526-73-8	Benzene, 1,2,3-trimethyl-	30.23	650	JN
6. 061141-97-7	Benzene, 1,1'-(1-ethenyl-1,3-prop	30.52	540	JN
7. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	30.58	190	JN
8. 001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	31.33	210	JN
9. 000527-53-7	Benzene, 1,2,3,5-tetramethyl-	32.24	220	JN
10. 027133-93-3	2,3-Dihydro-1-methylindene	33.09	230	JN

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

Data File	VB018271.D	Sample Name	4081305
Operator	Skelton	Field ID	699MW3
Date Acquired	9 Dec 2004 9:20 pm	Sample Multiplier	20

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	31.40 ug/L	400.00 ug/L	
107131	Acrylonitrile			not detected	50	49.40 ug/L	400.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	170.80 ug/L	400.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	6.00 ug/L	40.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	7.40 ug/L	40.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	9.20 ug/L	40.00 ug/L	
74-87-3	Chloromethane			not detected	30	6.00 ug/L	40.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	4.00 ug/L	40.00 ug/L	
74-83-9	Bromomethane			not detected	10	5.00 ug/L	40.00 ug/L	
75-00-3	Chloroethane			not detected	nle	5.40 ug/L	40.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	5.20 ug/L	40.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	5.40 ug/L	40.00 ug/L	
67-64-1	Acetone			not detected	700	107.60 ug/L	40.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	3.20 ug/L	40.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	11.00 ug/L	40.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	5.00 ug/L	40.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	6.40 ug/L	40.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	4.00 ug/L	40.00 ug/L	
78-93-3	2-Butanone			not detected	300	18.00 ug/L	40.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	5.60 ug/L	40.00 ug/L	
67-66-3	Chloroform			not detected	6	7.60 ug/L	40.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	5.40 ug/L	40.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	4.00 ug/L	40.00 ug/L	
71-43-2	Benzene	18.16	7180834	1677.47 ug/L	1	4.00 ug/L	40.00 ug/L	E D
107-06-2	1,2-Dichloroethane			not detected	2	4.40 ug/L	40.00 ug/L	
79-01-6	Trichloroethene			not detected	1	5.60 ug/L	40.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	6.60 ug/L	40.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	5.00 ug/L	40.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	5.00 ug/L	40.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	3.60 ug/L	40.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	7.60 ug/L	40.00 ug/L	
108-88-3	Toluene	22.70	22964091	4924.62 ug/L	1000	5.00 ug/L	40.00 ug/L	E D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	2.80 ug/L	40.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	5.00 ug/L	40.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	5.20 ug/L	40.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	5.80 ug/L	40.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	4.80 ug/L	40.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	6.00 ug/L	40.00 ug/L	
100-41-4	Ethylbenzene	25.73	1972046	340.96 ug/L	700	5.60 ug/L	40.00 ug/L	D
1330-20-7	m+p-Xylenes	26.02	5610312	2816.77 ug/L	nle	12.60 ug/L	80.00 ug/L	E D
95-47-6	o-Xylene	26.85	6803324	1667.76 ug/L	nle	4.80 ug/L	40.00 ug/L	E D
100-42-5	Styrene			not detected	100	6.80 ug/L	40.00 ug/L	
75-25-2	Bromoform			not detected	4	4.80 ug/L	40.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	4.80 ug/L	40.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	4.80 ug/L	40.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	5.00 ug/L	40.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	5.40 ug/L	40.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018273.D	Sample Name	4081305
Operator	Skelton	Field ID	699MW3
Date Acquired	9 Dec 2004 10:43 pm	Sample Multiplier	100

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	157.00 ug/L	2000.00 ug/L	
107131	Acrylonitrile			not detected	50	247.00 ug/L	2000.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	854.00 ug/L	2000.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	30.00 ug/L	200.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	37.00 ug/L	200.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	46.00 ug/L	200.00 ug/L	
74-87-3	Chloromethane			not detected	30	30.00 ug/L	200.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	20.00 ug/L	200.00 ug/L	
74-83-9	Bromomethane			not detected	10	25.00 ug/L	200.00 ug/L	
75-00-3	Chloroethane			not detected	nle	27.00 ug/L	200.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	26.00 ug/L	200.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	27.00 ug/L	200.00 ug/L	
67-64-1	Acetone			not detected	700	538.00 ug/L	200.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	16.00 ug/L	200.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	55.00 ug/L	200.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	25.00 ug/L	200.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	32.00 ug/L	200.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	20.00 ug/L	200.00 ug/L	
78-93-3	2-Butanone			not detected	300	90.00 ug/L	200.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	28.00 ug/L	200.00 ug/L	
67-66-3	Chloroform			not detected	6	38.00 ug/L	200.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	27.00 ug/L	200.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	20.00 ug/L	200.00 ug/L	
71-43-2	Benzene	18.16	1290685	1616.64 ug/L	1	20.00 ug/L	200.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	22.00 ug/L	200.00 ug/L	
79-01-6	Trichloroethene			not detected	1	28.00 ug/L	200.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	33.00 ug/L	200.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	25.00 ug/L	200.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	25.00 ug/L	200.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	18.00 ug/L	200.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	38.00 ug/L	200.00 ug/L	
108-88-3	Toluene	22.70	4722480	5430.07 ug/L	1000	25.00 ug/L	200.00 ug/L	E D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	14.00 ug/L	200.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	25.00 ug/L	200.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	26.00 ug/L	200.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	29.00 ug/L	200.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	24.00 ug/L	200.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	30.00 ug/L	200.00 ug/L	
100-41-4	Ethylbenzene	25.74	365923	341.57 ug/L	700	28.00 ug/L	200.00 ug/L	D
1330-20-7	m+p-Xylenes	26.02	970922	2631.80 ug/L	nle	63.00 ug/L	400.00 ug/L	D
95-47-6	o-Xylene	26.85	1164475	1541.16 ug/L	nle	24.00 ug/L	200.00 ug/L	D
100-42-5	Styrene			not detected	100	34.00 ug/L	200.00 ug/L	
75-25-2	Bromoform			not detected	4	24.00 ug/L	200.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	24.00 ug/L	200.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	24.00 ug/L	200.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	25.00 ug/L	200.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	27.00 ug/L	200.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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1/10/2005 1:09 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW03**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40813 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4081305

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018271.D

Level: (low/med) LOW Date Received: 12/3/2004

% Moisture: not dec. Date Analyzed: 12/9/2004

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

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

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

Number TICs found: 6

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.41	300	JN
2. 000108-67-8	Benzene, 1,3,5-trimethyl-	28.60	140	JN
3. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.04	140	JN
4. 000526-73-8	Benzene, 1,2,3-trimethyl-	29.36	620	JN
5. 000526-73-8	Benzene, 1,2,3-trimethyl-	30.23	170	JN
6. 000496-11-7	Indane	30.52	150	JN

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

Data File	VB018277.D	Sample Name	4082003
Operator	Skelton	Field ID	699MW2
Date Acquired	10 Dec 2004 1:29 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	5.38 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW02**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40820 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4082003

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018277.D

Level: (low/med) LOW Date Received: 12/6/2004

% Moisture: not dec. _____ Date Analyzed: 12/10/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

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

Lab ID #: 40813
Sample Received: NA
Analysis Start: 12/06/04
Analysis Completed: 12/06/04

Site: Ft. Monmouth
Bldg. 699

Matrix: AQ

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3113B

TEST PARAMETER: Lead

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)	R.L (ug/L)
Method Blank	NA	ND	10	5.00

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

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

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

Lab ID #: 40820
Sample Received: NA
Analysis Start: 12/16/04
Analysis Completed: 12/16/04

Site: Ft. Monmouth
Bldg. 699

Matrix: AQ

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B

TEST PARAMETER: Lead

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)	R.L (ug/L)
Method Blank	NA	ND	10	5.00

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

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

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

Lab ID #: 40829
Sample Received: NA
Analysis Start: 12/16/04
Analysis Completed: 12/16/04

Site: Ft. Monmouth
Bldg. 699

Matrix: AQ

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3113B

TEST PARAMETER: Lead

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)	R.L (ug/L)
Method Blank	NA	ND	10	5.00

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

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

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

Lab ID #: 40813
Sample Received: 12/03/04
Analysis Start: 12/06/04
Analysis Completed: 12/06/04

Site: Ft. Monmouth
Bldg. 699

Matrix: AQ

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3113B

TEST PARAMETER: LEAD

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)	R.L (ug/L)
4081302	Field Blank	ND	10	5.00
4081303	Duplicate	ND	10	5.00
4081304	699MW1	9.62	10	5.00
4081305	699MW3	7.37	10	5.00
4081306	699MW4	ND	10	5.00
4081307	699MW5	ND	10	5.00
4081308	699MW6	ND	10	5.00
4081309	699MW8	ND	10	5.00
4081310	699MW9	ND	10	5.00
4081311	699MW12	ND	10	5.00
4081312	699MW16	ND	10	5.00

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable, NS = No Sample

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

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

Lab ID #: 40820
Sample Received: 12/06/04
Analysis Start: 12/16/04
Analysis Completed: 12/16/04

Site: Ft. Monmouth
Bldg. 699

Matrix: AQ

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B

TEST PARAMETER: LEAD

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)	R.L (ug/L)
4082002	Field Blank	ND	10	5.00
4082003	699MW02	ND	10	5.00
4082004	699MW15	ND	10	5.00
4082005	616MW01	ND	10	5.00

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable, NS = No Sample

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet		-
NJDEP Criteria:	-	NLE	70	1	1000	700	40	10	-		-
05/24/1995	EMSL	3200	680	23000	28000	3800	16000	4.55	4.88		V,Pb
08/16/1995	EMSL	-	890	24000	24000	4600	20000	5.7	6.14		V,Pb
04/04/1997	FMETL	ND	ND	12800	35600	ND	33600	4.1	3.04		V,Pb
07/22/1997	FMETL	491	171	27000	17000	5770	38400	6.6	6.35		V,Pb
10/10/1997	FMETL	ND	226	27000	46700	4200	27200	5.7	6.40		V,Pb
01/15/1998	FMETL	286	396	23300	25600	3670	12920	1.8	3.75		V,Pb
06/08/1998	FMETL	ND	ND	14600	22700	1800	20320	3.0	3.33		V,Pb
07/29/1998	FMETL	25.64	11.88	22227	35840	3025	19010	2.4	5.13		V,Pb
03/11/1999	FMETL	824	433	32400	33700	4413	24000	3.6	3.70		V,Pb
06/28/1999	FMETL	ND	ND	10891	28816	4286	27798	5.3	5.31		V,Pb
09/24/1999	FMETL	ND	670	25967	30423	3413	29787	3.6	4.99		V,Pb
11/30/1999	FMETL	ND	730.59	14809	9463	3240	8048	2.22	5.38		V,Pb
03/29/2000	FMETL	ND	1609.13	43419.32	37817.54	9494.06	61875.37	1.2	3.42		V,Pb
06/16/2000	FMETL	ND	277.82	13455.88	21968.78	3149.56	21366.29	3.4	4.00		V,Pb
09/07/2000	FMETL	ND	ND	19837.12	34475.90	2680.73	44310.87	2.6	4.01		V,Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	4.31		No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	3.19		No Samp
06/19/2001	FMETL	403.62	1293.83	21555.26	47603.78	5050.83	42246.76	6.27	5.50		V, Pb
08/30/2001	FMETL	ND	ND	31531.95	54361.78	8703.65	47334.24	3.57	6.75		V, Pb
12/13/2001	FMETL	-	-	-	-	-	-	-	8.75		No Samp
03/25/2002	FMETL	-	-	-	-	-	-	-	7.05		No Samp
06/26/2002	FMETL	-	-	-	-	-	-	-	6.91		No Samp
09/19/2002	FMETL	ND	ND	3849.07	19493.66	2687.65	23989.23	6.92	5.93		V, Pb
11/26/2002	FMETL	ND	ND	459.71	4023.42	1960.5	14645.8	3.88	4.38		V, Pb
03/17/2003	FMETL	ND	ND	127.89	1648.18	739.45	7477.75	3.63	4.20		V, Pb
06/25/2003	FMETL	ND	ND	318.96	1864.8	637.87	7237.32	6.15	3.81		V, Pb
09/24/2003	FMETL	ND	ND	206.6	1016.66	554.5	3207.39	19.5	7.20		V, Pb
12/08/2003	FMETL	ND	ND	110.32	1310.35	680.75	4430.84	16.4	5.15		V, Pb
03/29/2004	FMETL	ND	ND	156.78	1249.62	709.41	7322.9	10.7	4.61		V, Pb
06/18/2004	FMETL	ND	ND	239.86	4064.39	2619.62	20330.96	19.2	5.35		V, Pb
09/16/2004	FMETL	ND	208.91	376.82	60.22	382.60	624.31	11.3	6.42		V,Pb
12/02/2004	FMETL	ND	ND	34.76	158.27	83.61	993.12	9.62	5.26		V, Pb

SOURCE: 0699MW01

Sampling Dates:
05/24/1995 - 12/02/2004

NOTES:

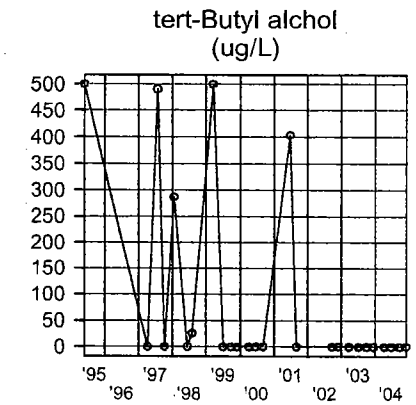
Not sampled 4th Quarter 98due to free product.

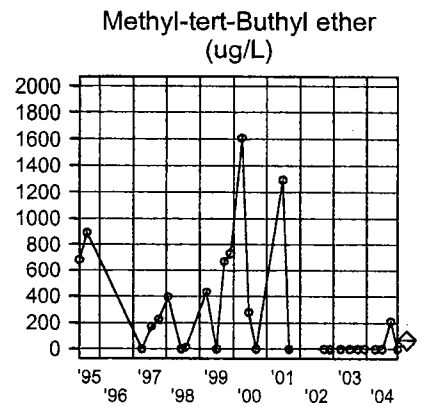
FORT MONMOUTH

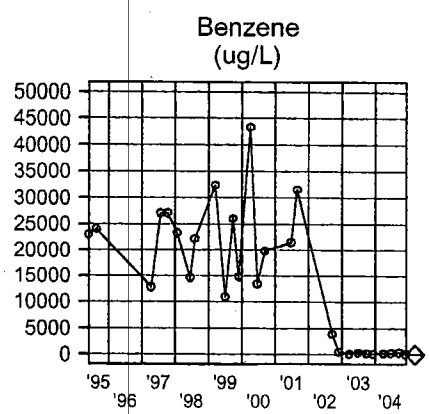
GW MONITORING
Bldg. 699

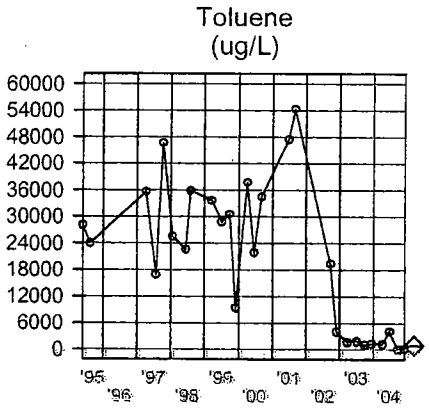
Source 1 of 13

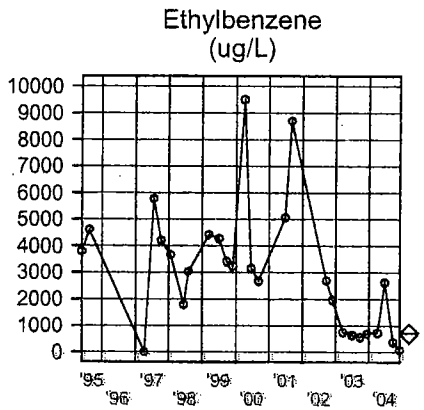
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

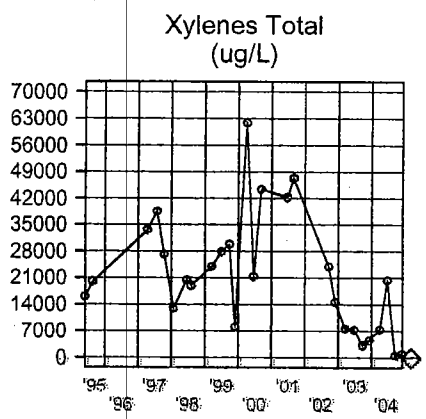


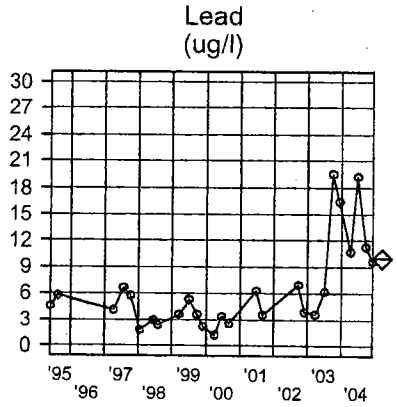


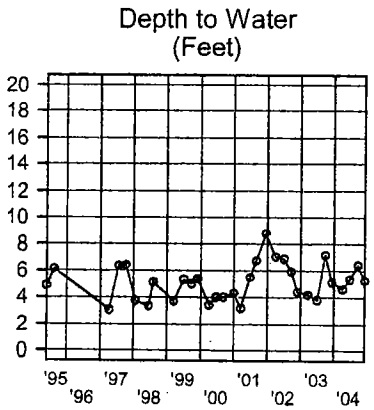












SOURCE: 0699MW01

Sampling Dates:
05/24/1995 - 12/02/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 1 of 13, Graph

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

01-12-2005 \\Gar045\ENVR_Data\MtechData\699A\699A.WSF

	Lab	Lead	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	10	-								-
05/24/1995	EMSL	1.0	5.10								
08/16/1995	EMSL	ND	6.52								-
11/20/1995	EMSL	ND	3.41								C
02/21/1996	EMSL	5	-								D
05/22/1996	FMETL	-	-								
10/01/1996	FMETL	-	-								
01/13/1997	FMETL	2.7	-								
04/02/1997	FMETL	1.1	2.22								V,Pb
07/16/1997	FMETL	20.5	5.65								V,Pb
10/07/1997	FMETL	3.1	6.65								V,Pb
01/09/1998	FMETL	11.6	1.30								V,Pb
06/08/1998	FMETL	7.1	4.50								V,Pb
07/29/1998	FMETL	7.5	5.77								V,Pb
12/30/1998	FMETL	2.0	8.61								V,Pb
03/10/1999	FMETL	4.1	2.28								V,Pb
06/28/1999	FMETL	4.8	5.83								V,Pb
09/25/1999	FMETL	2.3	5.03								V,Pb
11/30/1999	FMETL	1.48	5.37								V,Pb
03/29/2000	FMETL	1.8	2.23								V,Pb
06/16/2000	FMETL	10.4	4.50								V,Pb
06/16/2000D	FMETL	12.7	4.50								V,Pb
09/07/2000	FMETL	1.8	4.28								V,Pb
12/28/2000	FMETL	1.5	3.64								V,Pb
03/12/2001	FMETL	2.70	2.14								V, Pb
06/19/2001	FMETL	2.97	3.81								V,Pb
08/30/2001	FMETL	ND	6.73								V, Pb
12/13/2001	FMETL	8.4	8.30								V,Pb
03/27/2002	FMETL	9.71	1.58								V, Pb
06/26/2002	FMETL	ND	5.44								V, Pb
09/19/2002	FMETL	0.94	5.46								V, Pb
11/26/2002	FMETL	ND	2.20								V, Pb
03/17/2003	FMETL	ND	1.87								V, Pb
06/25/2003	FMETL	ND	2.21								V, Pb
09/24/2003	FMETL	11.7	6.75								V, Pb
12/08/2003	FMETL	21.4	3.55								V, Pb
03/29/2004	FMETL	15.8	3.45								V,Pb
06/18/2004	FMETL	8.23	5.35								V, Pb
09/16/2004	FMETL	15.1	6.33								V,Pb
12/06/2004	FMETL	ND	3.19								V, Pb

01-12-2005 \\Gar045\ENVR_Data\MtechData\699A\699A.WSF

SOURCE: 0699MW02

Sampling Dates:
05/24/1995 - 12/06/2004

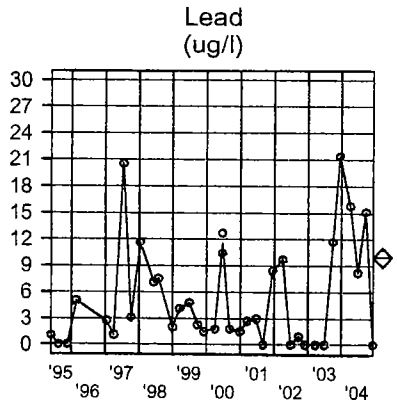
NOTES:

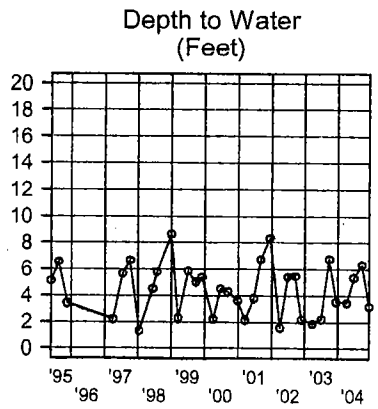
FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 2 of 13

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





SOURCE: 0699MW02

Sampling Dates:
05/24/1995 - 12/06/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 2 of 13, Graph

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

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet		-
NJDEP Criteria:	-	NLE	70	1	1000	700	40	10	-		-
05/24/1995	EMSL	1200	350	38000	36000	2900	17000	5.1	4.92		A
08/16/1995	EMSL	ND	ND	31000	26000	2600	13000	3.0	6.20		
11/20/1995	EMSL	ND	ND	18000	17000	1900	12000	ND	4.84		C
02/21/1996	EMSL	ND	230	26000	31000	2300	16000	ND	-		D
05/24/1996	FMEL	-	-	-	-	-	-	5.1	-		
10/01/1996	FMEL	-	-	-	-	-	-	2.6	-		
01/28/1997	FMEL	-	-	-	-	-	-	-	-		
04/03/1997	FMETL	ND	ND	1250	2300	295	2970	3.1	2.88		V,Pb
07/21/1997	FMETL	417	176	42800	24500	4180	26400	5.8	6.20		V,Pb
10/09/1997	FMETL	ND	64	25000	35000	2300	15600	1.1	6.40		V,Pb
01/15/1998	FMETL	151	57	10100	15700	930	2040	0.9	3.70		V,Pb
06/08/1998	FMETL	ND	ND	13200	18200	1100	7800	1.5	3.90		V,Pb
07/28/1998	FMETL	ND	78.1	23700	35800	2000	13200	4.2	5.35		V,Pb
03/10/1999	FMETL	ND	ND	2230	1480	ND	347	1.9	3.57		V,Pb
06/28/1999	FMETL	ND	ND	19287	29138	1930	17478	3.2	5.58		V,Pb
09/25/1999	FMETL	ND	ND	11670	19690	1121	14274	2.2	3.77		V,Pb
11/30/1999	FMETL	ND	ND	7292	8393	1604	12262	1.11	5.27		V,Pb
03/29/2000	FMETL	ND	ND	31787.92	36819.47	3735.14	29170.61	ND	3.49		V,Pb
06/16/2000	FMETL	ND	ND	14116.04	24012.73	1812.68	14597.89	1.6	4.04		V,Pb
09/07/2000	FMETL	ND	ND	33296.34	52021.62	2901.59	28177.76	ND	4.22		V,Pb
12/27/2000	FMETL	-	-	-	-	-	-	-	3.47		No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	2.17		No Samp
06/19/2001	FMETL	246.45	93.34	33224.84	38489.46	1693.43	14775.44	7.78	4.97		V,Pb
08/30/2001	FMETL	ND	ND	26703.62	52102.97	4632.23	32157.19	4.70	6.65		V, Pb
12/13/2001	FMETL	ND	ND	14353.47	21072.76	1885.19	23384.35	9.3	7.75		V, Pb
03/27/2002	FMETL	282.02	90.20	13946.94	15981.11	980.35	5855.38	6.13	5.47		V, Pb
06/26/2002	FMETL	ND	63.08	4399.81	3832.32	1055.62	3728.84	1.70	6.36		V, Pb
09/19/2002	FMETL	ND	ND	6664.83	10186.92	1452.67	8003.46	2.88	5.89		V, Pb
11/26/2002	FMETL	ND	ND	1817.43	3901.24	440.76	6032.4	1.53	4.08		V, Pb
03/17/2003	FMETL	ND	ND	6018.91	11329.00	848.98	13156.38	1.37	3.41		V, Pb
06/25/2003	FMETL	ND	ND	4801.67	13280.92	1300.05	10076.68	7.50	3.35		V, Pb
09/24/2003	FMETL	ND	ND	1591.3	3276.61	487.55	4365.72	9.28	5.23		V, Pb
12/08/2003	FMETL	ND	ND	174.93	359.64	23.85	468.8	7.41	4.46		V, Pb
03/29/2004	FMETL	ND	ND	1285.76	2676.44	320.11	3008.8	7.72	4.15		-
06/18/2004	FMETL	ND	3.69	4052.45	9939.74	1873.95	9190.47	8.17	5.15		V, Pb
09/16/2004	FMETL	ND	ND	2442.22	9207.20	1687.51	11076.35	19.5	6.30		V,Pb
12/02/2004	FMETL	ND	ND	1616.64	5430.07	340.96	4172.96	7.37	4.63		V, Pb

SOURCE: 0699MW03

Sampling Dates:
05/24/1995 - 12/02/2004

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 3 of 13

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FORT MONMOUTH
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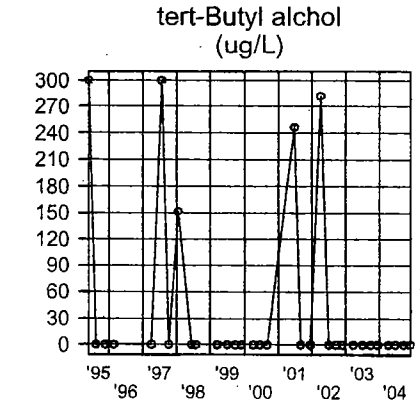

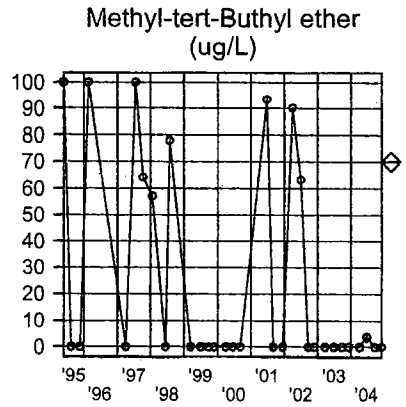

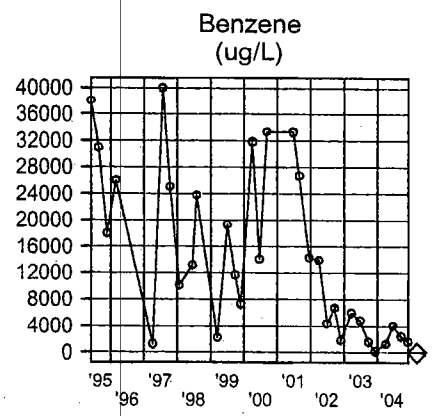

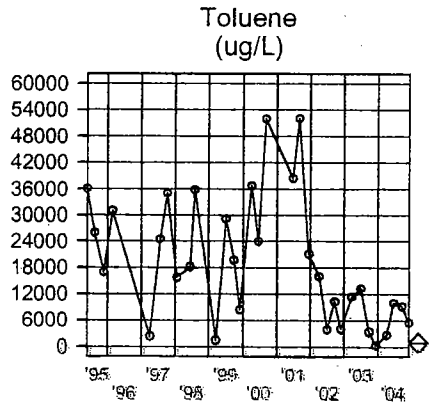

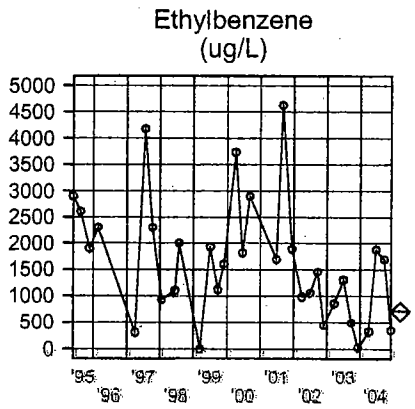

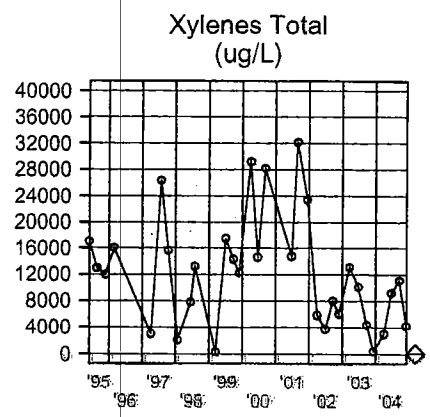

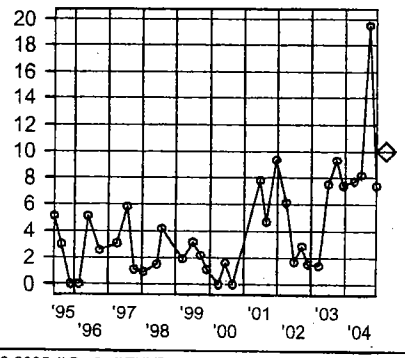

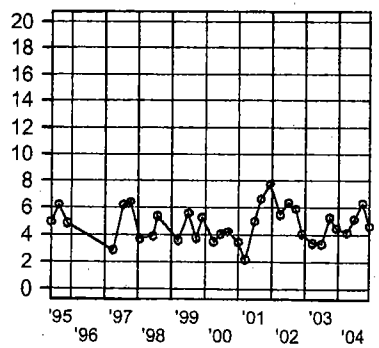

SOURCE: 0699MW03

Sampling Dates:
05/24/1995 - 12/02/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 3 of 13, Graph

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

01-12-2005 \\Gar045\ENVR_Data\MtechData\699A\699A.WSF

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet		-
NJDEP Criteria:	-	NLE	70	1	1000	700	40	10	-		-
02/21/1996	EMSL	ND	2000	22000	36000	3100	20000	6	-		D
05/24/1996	FMEL	-	-	-	-	-	-	9.5	-		
10/04/1996	FMEL	-	-	-	-	-	-	3.6	-		
01/17/1997	FMEL	-	-	-	-	-	-	-	-		
04/04/1997	FMETL	ND	ND	29800	47000	90400	106000	6.1	3.00		V,Pb
07/22/1997	FMETL	449	665	23900	12000	4200	33400	10.0	5.65		V,Pb
10/09/1997	FMETL	-	-	-	-	-	-	-	-		V
01/16/1998	FMETL	ND	314	8320	18500	1560	13400	4.2	No Info.		V,Pb
06/08/1998	FMETL	ND	ND	7500	12000	910	10800	3.4	3.39		V,Pb
07/29/1998	FMETL	ND	305	13200	29900	2600	17800	1.1	5.38		V,Pb
03/11/1999	FMETL	175	345	13700	24900	1940	22600	7.0	3.51		V,Pb
06/28/1999	FMETL	ND	462	22845	36112	4050	26428	3.7	5.61		V,Pb
09/25/1999	FMETL	ND	503	18325	35126	2767	28915	2.8	4.37		V,Pb
11/30/1999	FMETL	291	431	6786	6875	2749	2306	2.99	5.29		V,Pb
03/29/2000	FMETL	ND	1310.92	23876.56	35221.45	3939.02	58860.58	3.8	3.92		V,Pb
06/16/2000	FMETL	ND	423.46	13205.94	36760.95	3914.24	26070.74	5.1	3.85		V,Pb
09/07/2000	FMETL	ND	ND	20681.84	48031.80	2928.53	47529.43	3.4	4.07		V,Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	4.20		No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	3.17		No Samp
06/19/2001	FMETL	ND	97.87	36303.01	48404.42	6425.13	38765.03	4.22	5.42		V,Pb
08/30/2001	FMETL	-	-	-	-	-	-	-	7.02		No samp
12/13/2001	FMETL	-	-	-	-	-	-	-	8.03		No Samp
03/25/2002	FMETL	-	-	-	-	-	-	-	7.01		No Samp
06/26/2002	FMETL	ND	392.81	2170.64	17663.04	3784.80	28701.21	8.79	6.91		V, Pb
09/19/2002	FMETL	ND	113.05	952.77	9979.40	1251.22	20801.87	5.22	6.22		V, Pb
11/26/2002	FMETL	ND	179.91	496.67	2464.04	654.3	5406.75	3.52	4.70		-
03/17/2003	FMETL	ND	2223.21	192.35	1663.88	274.67	4233.47	4.88	4.05		V, Pb
06/30/2003	FMETL	ND	470.51	218.88	1069.37	491.96	5098.43	4.78	4.20		V, Pb
09/24/2003	FMETL	ND	242.15	ND	10.59	9.38	93.98	11.6	7.51		V, Pb
12/08/2003	FMETL	ND	374.95	70.34	67.37	51.04	431.42	10.7	4.46		V, Pb
03/29/2004	FMETL	ND	385.18	441.52	1825.02	1063.68	10392.74	21.4	4.79		V,Pb
06/18/2004	FMETL	ND	176.57	283.45	565.18	629.5	5105.97	ND	5.77		-
09/16/2004	FMETL	ND	69.13	65.02	55.95	213.567	429.78	17.8	6.92		V,Pb
12/02/2004	FMETL	ND	435.48	19.26	44.46	40.86	37.78	ND	5.21		V, Pb

SOURCE: 0699MW04

Sampling Dates:
02/21/1996 - 12/02/2004

NOTES:

FORT MONMOUTH

GW MONITORING
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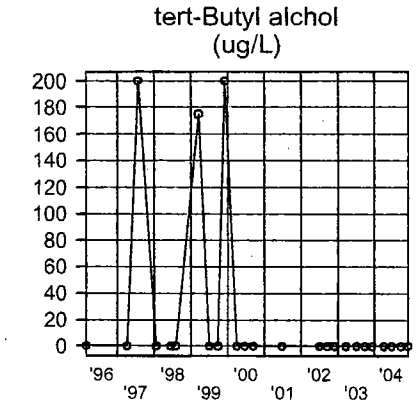
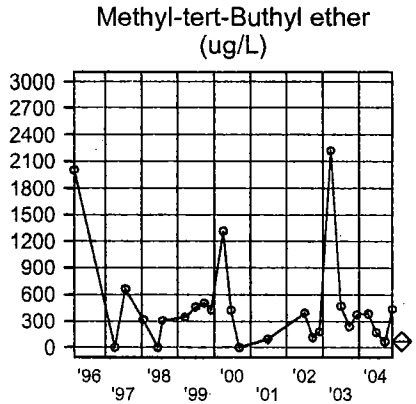
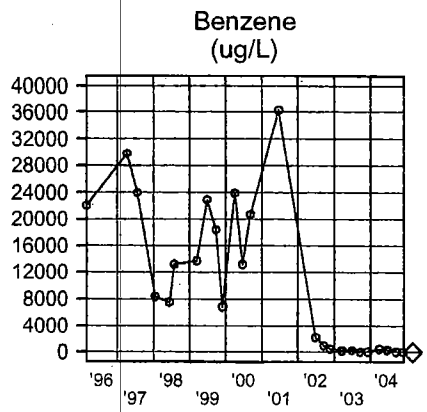
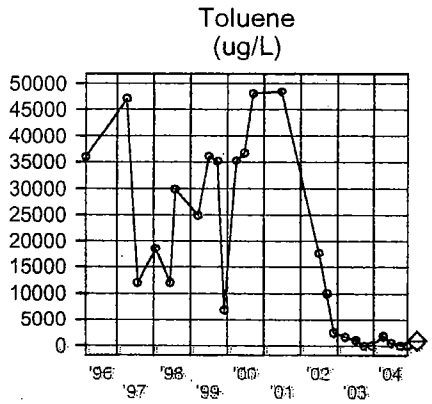
Source 4 of 13

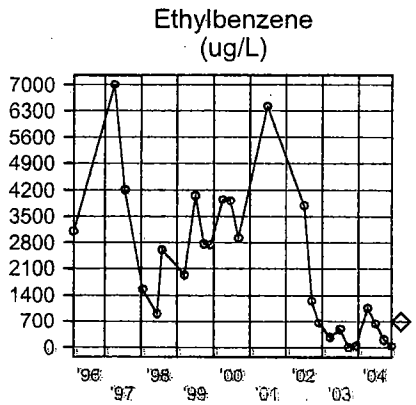
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

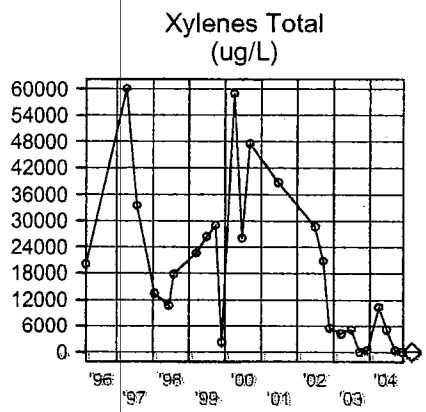


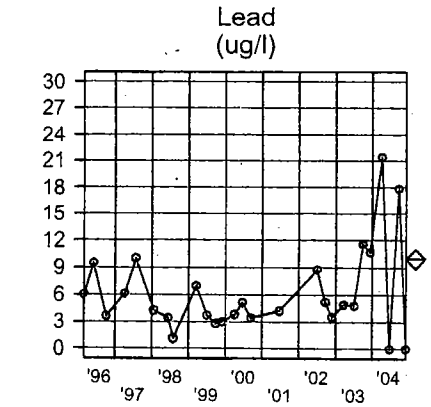


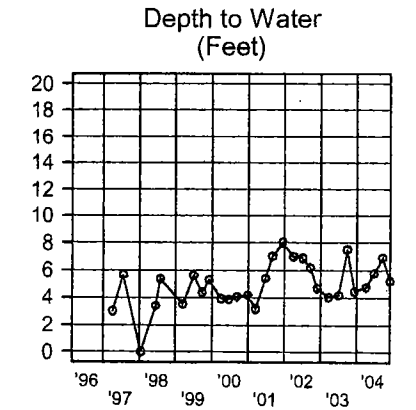












SOURCE: 0699MW04

Sampling Dates:
02/21/1996 - 12/02/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 4 of 13, Graph

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

01-12-2005 \\Gar045\ENVR_Data\MtechData\699A\699A.WSF

	Lab	Methy-tert-Butyl ether	Chloroform	Lead	Depth to Water						Notes
Units:	-	ug/L	ug/L	ug/l	Feet						-
NJDEP Criteria:	-	70	6	10	-						-
05/24/1995	EMSL	1.9	3.3	1.9	4.77						
08/16/1995	EMSL	11	2.2	3.0	6.03						
11/20/1995	EMSL	85	7.1	ND	4.26						C
02/21/1996	EMSL	29	4.3	9	-						D
05/24/1996	FMETL	-	-	1.9	-						
01/15/1997	FMETL	-	-	-	-						
04/03/1997	FMETL	ND	ND	1.9	2.38						V,Pb
07/21/1997	FMETL	47	ND	8.2	5.40						V,Pb
10/09/1997	FMETL	27	ND	ND	6.30						V,Pb
01/14/1998	FMETL	7.51	ND	ND	3.30						V,Pb
06/08/1998	FMETL	ND	ND	1.4	4.97						V,Pb
07/28/1998	FMETL	5.42	ND	ND	5.27						V,Pb
12/30/1998	FMETL	2.51	ND	1.2	7.44						V,Pb
03/11/1999	FMETL	ND	ND	9.9	3.04						V,Pb
06/28/1999	FMETL	ND	ND	1.9	5.42						V,Pb
09/24/1999	FMETL	ND	88.42	ND	0.8						V,Pb
11/30/1999	FMETL	ND	83.15	1.25	4.82						V,Pb
03/29/2000	FMETL	ND	67.25	ND	3.03						V,Pb
06/16/2000	FMETL	ND	30.63	2.7	3.97						V,Pb
09/07/2000	FMETL	ND	26.77	ND	4.03						V,Pb
12/28/2000	FMETL	ND	17.26	1.9	4.00						V,Pb
03/12/2001	FMETL	ND	20.51	2.23	2.91						V, Pb
06/19/2001	FMETL	ND	ND	1.00	4.21						V,Pb
08/30/2001	FMETL	ND	5.06	1.41	6.25						V, Pb
12/13/2001	FMETL	ND	10.32	8.3	7.40						V, Pb
03/27/2002	FMETL	ND	3.81	ND	5.05						V, Pb
06/26/2002	FMETL	ND	3.99	ND	5.34						V, Pb
11/26/2002	FMETL	ND	0.94	ND	3.23						V, Pb
03/17/2003	FMETL	ND	ND	ND	2.75						V, Pb
06/25/2003	FMETL	ND	ND	3.46	2.80						V, Pb
09/24/2003	FMETL	ND	ND	6.04	5.23						V, Pb
12/08/2003	FMETL	ND	ND	6.60	3.90						V, Pb
03/29/2004	FMETL	ND	ND	6.51	3.51						V,Pb
06/18/2004	FMETL	ND	ND	11.2	4.54						V, Pb
09/16/2004	FMETL	ND	ND	5.33	5.70						V,Pb
12/02/2004	FMETL	ND	ND	ND	3.64						V, Pb

SOURCE: 0699MW05

Sampling Dates:
05/24/1995 - 12/02/2004

NOTES:

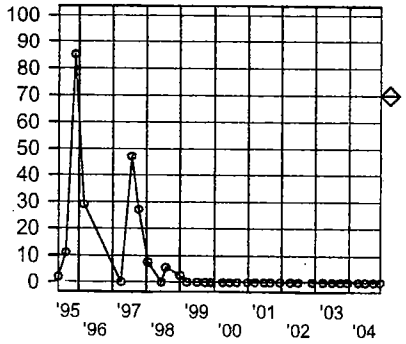
FORT MONMOUTH

GW MONITORING
Bldg. 699

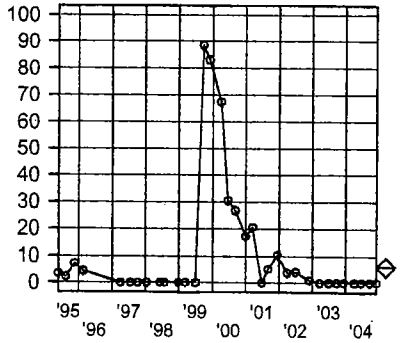
Source 5 of 13

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

Methyl-tert-Buthyl ether
(ug/L)



Chloroform
(ug/L)



Lead
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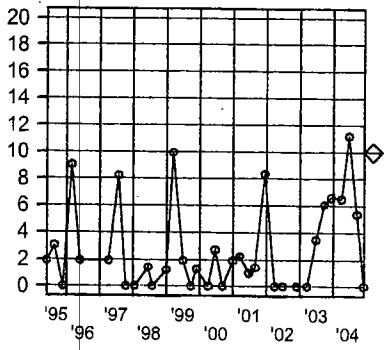
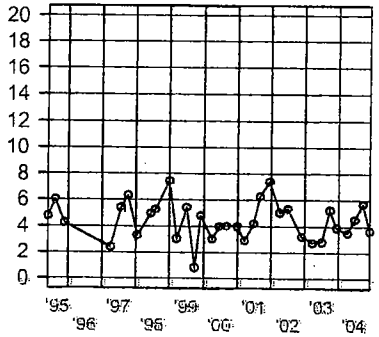


Depth to Water
(Feet)



SOURCE: 0699MW05

Sampling Dates:
05/24/1995 - 12/02/2004

LEGEND:

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Bldg. 699

Source 5 of 13, Graph

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

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet		-
NJDEP Criteria:	-	NLE	70	1	1000	700	40	10	-		-
05/24/1995	EMSL	37	12	2000	6800	2000	6200	2.3	5.04		B
08/16/1995	EMSL	ND	150	7500	4600	1900	4300	ND	6.43		
11/20/1995	EMSL	ND	ND	2100	2400	1200	3500	ND	4.77		C
02/21/1996	EMSL	ND	ND	140	560	350	1200	4	-		D
05/23/1996	FMEL	-	-	-	-	-	-	2.3	-		
01/17/1997	FMEL	-	-	-	-	-	-	-	-		
04/04/1997	FMETL	ND	ND	ND	ND	1.7	3.4	3.9	2.82		V,Pb
07/22/1997	FMETL	ND	ND	860	2880	2290	8180	9.7	5.95		V,Pb
10/10/1997	FMETL	ND	26	1980	515	1280	2870	ND	6.80		V,Pb
01/15/1998	FMETL	ND	ND	ND	ND	ND	ND	0.7	3.75		V,Pb
06/08/1998	FMETL	ND	3.01	233	90	87	245	1.8	4.21		V,Pb
07/28/1998	FMETL	ND	44.07	1610	756	1430	4160	2.1	5.66		V,Pb
03/10/1999	FMETL	ND	ND	10.5	3.28	3.81	12.5	ND	3.42		V,Pb
06/28/1999	FMETL	187	179	3269	1540	1900	5563	236.2	5.89		V,Pb
09/24/1999	FMETL	57.6	42.2	46.2	4.77	384	124	ND	3.85		V,Pb
11/30/1999	FMETL	97.69	68.11	142	96.10	861	2804	2.2	5.36		V,Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	2.2	3.46		V,Pb
06/16/2000	FMETL	ND	5.92	23.33	13.58	177.39	269.32	2.6	4.26		V,Pb
09/07/2000	FMETL	ND	7.73	99.61	50.80	1639.13	3491.32	1.2	4.46		V,Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	4.15		No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	3.05		No Samp
06/19/2001	FMETL	ND	3.70	761.06	546.35	985.71	1544.89	4.73	4.78		V,Pb
08/30/2001	FMETL	ND	ND	1177.19	1684.62	1881.59	4730.19	4.89	6.77		V, Pb
12/13/2001	FMETL	ND	ND	401.96	360.71	366.92	964.27	2.7	7.77		V, Pb
03/27/2002	FMETL	ND	ND	1.09	2.98	3.00	12.48	19.0	5.21		V, Pb
06/26/2002	FMETL	-	-	-	-	-	-	-	6.12		No Samp
09/19/2002	FMETL	ND	ND	10.5	9.64	114.43	368.32	1.53	6.15		V, Pb
11/26/2002	FMETL	ND	ND	11.72	3.78	74.15	82.33	ND	3.91		V, Pb
03/17/2003	FMETL	ND	ND	10.72	11.52	95.60	212.63	ND	3.11		V, Pb
06/25/2003	FMETL	ND	ND	1.48	1.88	73.82	73.11	9.87	3.17		V, Pb
09/24/2003	FMETL	ND	ND	23.51	20.87	183.13	459.18	9.96	5.27		V, Pb
12/08/2003	FMETL	ND	ND	ND	0.68	6.25	13.38	28.0	4.50		V, Pb
03/29/2004	FMETL	ND	ND	0.51	ND	10.62	7.63	19.3	4.01		V,Pb
06/18/2004	FMETL	ND	ND	0.79	1.73	10.98	11.43	12.7	5.23		V, Pb
09/16/2004	FMETL	ND	ND	1.63	3.27	73.98	174.46	37.1	6.38		V,Pb
12/02/2004	FMETL	ND	ND	3.70	2.74	75.31	127.8	ND	4.51		V, Pb

SOURCE: 0699MW06

Sampling Dates:
05/24/1995 - 12/02/2004

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

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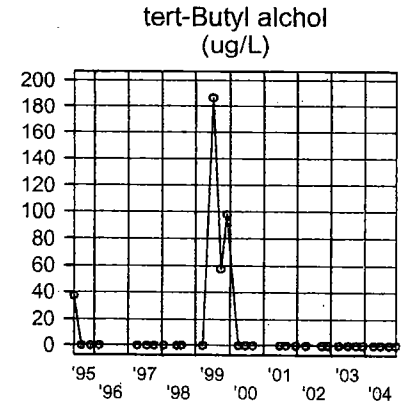
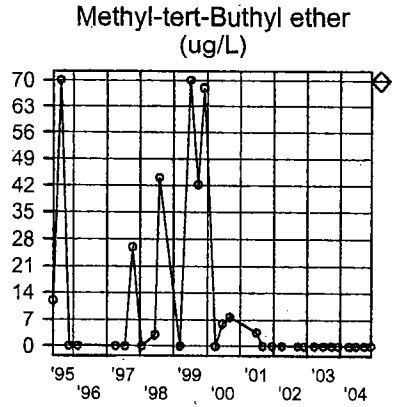
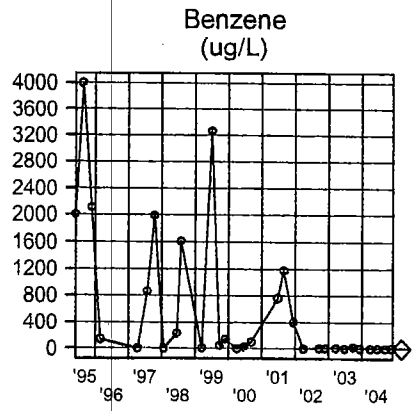
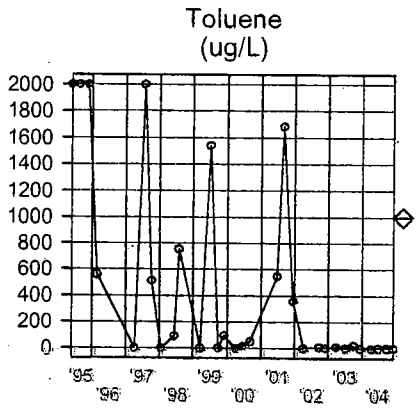
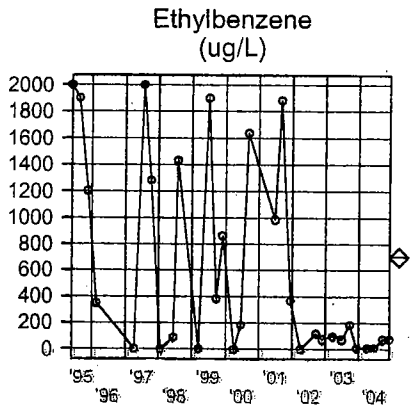
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

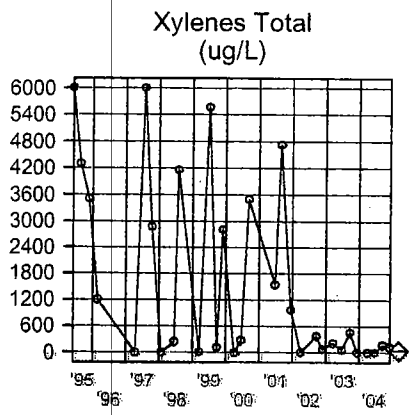


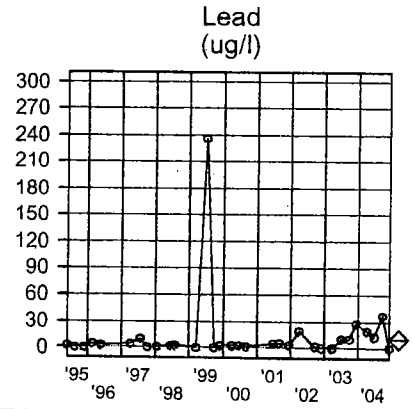


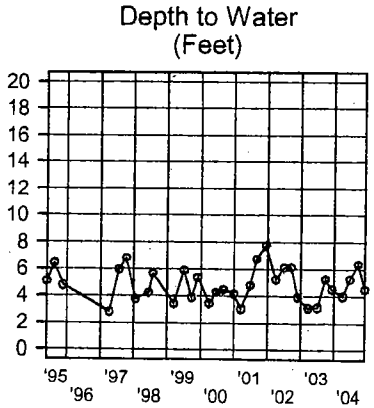












SOURCE: 0699MW06

Sampling Dates:
05/24/1995 - 12/02/2004

LEGEND:

PARAMETER

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 6 of 13, Graph

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

01-12-2005 \\Gar045\ENVR_Data\MtechData\699A\699A.WSF

	Lab	Lead	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	10	-								-
05/24/1995	EMSL	2.0	5.21								
08/16/1995	EMSL	6.2	6.57								
11/20/1995	EMSL	ND	5.32								C
02/21/1996	EMSL	5	-								D
05/28/1996	FMEL	2.0	-								
10/04/1996	FMEL	ND	-								
01/17/1997	FMEL	-	-								
04/04/1997	FMETL	1.1	3.40								V,Pb
07/21/1997	FMETL	1.8	5.48								V,Pb
10/10/1997	FMETL	0.5	6.70								V,Pb
01/15/1998	FMETL	ND	4.20								V,Pb
06/09/1998	FMETL	1.3	4.03								V,Pb
07/28/1998	FMETL	2.1	5.25								V,Pb
12/30/1998	FMETL	ND	8.04								V,Pb
03/10/1999	FMETL	ND	4.08								V,Pb
06/28/1999	FMETL	1.8	5.45								V,Pb
09/24/1999	FMETL	1.8	5.74								V,Pb
11/30/1999	FMETL	0.95	5.67								V,Pb
03/29/2000	FMETL	1.7	3.75								V,Pb
06/16/2000	FMETL	1.9	4.28								V,Pb
09/07/2000	FMETL	ND	4.34								V,Pb
12/28/2000	FMETL	ND	4.65								V,Pb
03/12/2001	FMETL	2.68	3.29								V, Pb
06/19/2001	FMETL	3.11	5.18								V,Pb
06/19/2001D	FMETL	2.66	5.18								V,Pb
08/30/2001	FMETL	ND	6.53								V, Pb
08/30/2001D	FMETL	1.81	6.53								V, Pb
12/13/2001	FMETL	1.4	8.04								V, Pb
03/27/2002	FMETL	ND	6.35								V, Pb
06/26/2002	FMETL	2.70	6.25								V, Pb
09/19/2002	FMETL	0.97	6.20								V, Pb
11/26/2002	FMETL	ND	4.34								V, Pb
03/17/2003	FMETL	1.31	3.61								V, Pb
06/30/2003	FMETL	ND	3.65								V, Pb
09/24/2003	FMETL	ND	5.96								V, Pb
12/08/2003	FMETL	0.900	5.25								V, Pb
03/29/2004	FMETL	ND	4.33								V,Pb
06/18/2004	FMETL	ND	5.06								V, Pb
09/16/2004	FMETL	ND	6.35								V,Pb

SOURCE: 0699MW08

Sampling Dates:
05/24/1995 - 12/02/2004

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 7 of 13

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

	Lab	Lead	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	10	-								-
12/02/2004	FMETL	ND	5.40								V, Pb

SOURCE: 0699MW08

Sampling Dates:
05/24/1995 - 12/02/2004

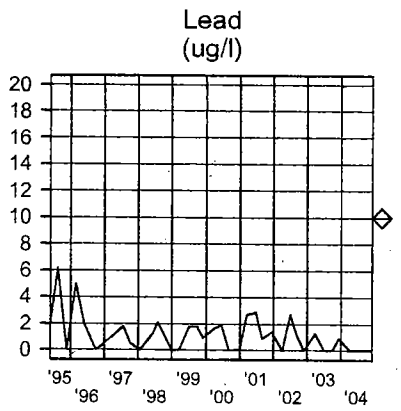
NOTES:

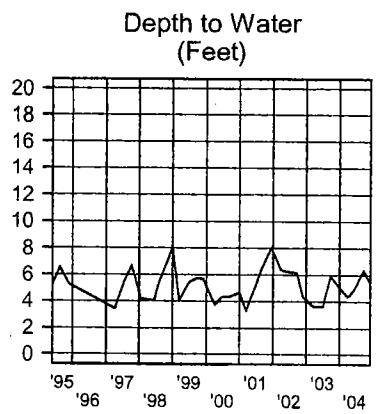
FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 7 of 13 (cont.)

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





SOURCE: 0699MW08

Sampling Dates:
05/24/1995 - 12/02/2004

LEGEND:

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Source 7 of 13, Graph

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

01-12-2005 \\Gar045\ENVR_Data\MtechData\699A\699A.WSF

	Lab	Tetra chloro ethene	Lead	Depth to Water							Notes
Units:	-	ug/L	ug/l	Feet							-
NJDEP Criteria:	-	1	10	-							-
05/24/1995	EMSL	ND	1.9	5.34							
08/16/1995	EMSL	ND	ND	6.92							
11/20/1995	EMSL	ND	ND	4.83							C
02/21/1996	EMSL	ND	ND	-							D
05/23/1996	FMEL	ND	1.9	-							
10/01/1996	FMEL	ND	-	-							
01/15/1997	FMEL	ND	-	-							
04/03/1997	FMETL	ND	1.0	2.41							V,Pb
07/21/1997	FMETL	ND	0.6	6.25							V,Pb
10/09/1997	FMETL	ND	ND	7.10							V,Pb
01/14/1998	FMETL	ND	ND	3.70							V,Pb
06/09/1998	FMETL	ND	1.0	4.51							V,Pb
07/28/1998	FMETL	ND	1.1	5.99							V,Pb
12/30/1998	FMETL	ND	ND	7.93							V,Pb
03/09/1999	FMETL	ND	ND	3.47							V,Pb
06/28/1999	FMETL	ND	1.3	6.14							V,Pb
09/24/1999	FMETL	9.76	1.5	4.97							V,Pb
11/30/1999	FMETL	539	0.86	5.57							V,Pb
03/29/2000	FMETL	ND	0.80	3.27							V,Pb
06/16/2000	FMETL	20.65	1.1	4.57							V,Pb
09/07/2000	FMETL	17.00	ND	4.80							V,Pb
12/28/2000	FMETL	5.66	0.9	4.42							V,Pb
03/12/2001	FMETL	ND	1.85	3.07							V, Pb
06/19/2001	FMETL	2.24	ND	4.83							V,Pb
08/30/2001	FMETL	4.68	ND	7.07							V, Pb
12/13/2001	FMETL	2.25	ND	7.96							V, Pb
03/25/2002	FMETL	1.81	ND	5.36							V, Pb
06/26/2002	FMETL	2.55	0.94	6.25							V, Pb
09/19/2002	FMETL	2.86	ND	6.49							V, Pb
11/26/2002	FMETL	1.30	ND	3.57							V, Pb
03/17/2003	FMETL	ND	ND	3.00							V, Pb
06/30/2003	FMETL	ND	ND	4.03							V, Pb
09/24/2003	FMETL	1.37	1.84	6.07							V, Pb
12/08/2003	FMETL	ND	3.53	4.74							V, Pb
03/29/2004	FMETL	ND	ND	3.95							V,Pb
06/18/2004	FMETL	ND	ND	5.40							V, Pb
09/16/2004	FMETL	0.70	ND	6.60							V,Pb
12/02/2004	FMETL	ND	ND	4.42							V, Pb

SOURCE: 0699MW09

Sampling Dates:
05/24/1995 - 12/02/2004

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 8 of 13

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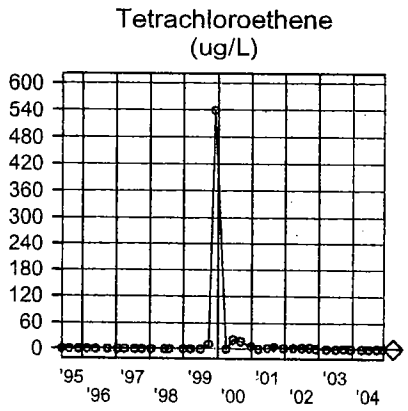
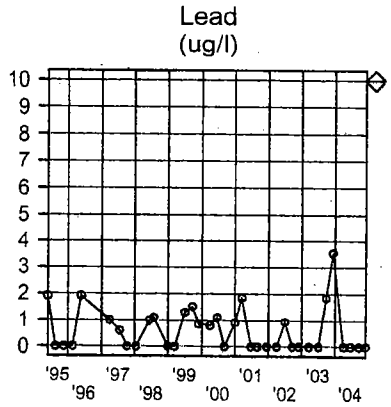
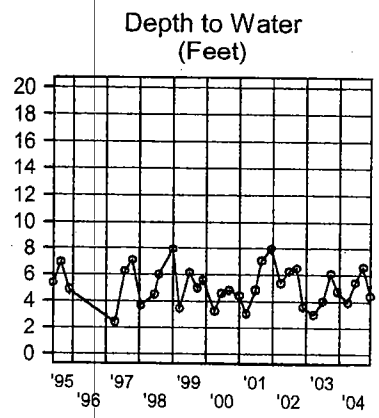
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 0699MW09

Sampling Dates:
05/24/1995 - 12/02/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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

	Lab	Lead	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	10	-								-
05/24/1995	EMSL	3.7	5.66								
08/16/1995	EMSL	ND	7.09								
11/20/1995	EMSL	ND	5.90								C
02/21/1996	EMSL	ND	-								D
05/23/1996	FMETL	1.5	-								
01/15/1997	FMETL	-	-								
04/02/1997	FMETL	1.1	3.64								V,Pb
07/21/1997	FMETL	1.8	6.20								V,Pb
10/08/1997	FMETL	ND	7.30								V,Pb
01/14/1998	FMETL	0.5	4.80								V,Pb
06/11/1998	FMETL	0.6	4.69								V,Pb
07/28/1998	FMETL	0.9	5.89								V,Pb
12/30/1998	FMETL	2.8	7.5								V,Pb
03/09/1999	FMETL	ND	4.57								V,Pb
06/28/1999	FMETL	2.4	6.11								V,Pb
09/24/1999	FMETL	1.2	8.13								V,Pb
11/30/1999	FMETL	ND	6.18								V,Pb
03/29/2000	FMETL	1.5	4.26								V,Pb
06/16/2000	FMETL	0.9	4.76								V,Pb
09/07/2000	FMETL	ND	5.02								V,Pb
12/28/2000	FMETL	ND	5.23								V,Pb
03/12/2001	FMETL	2.51	3.69								V, Pb
06/19/2001	FMETL	ND	5.64								V,Pb
08/30/2001	FMETL	ND	7.28								V, Pb
12/13/2001	FMETL	1.0	8.59								V, Pb
03/25/2002	FMETL	ND	6.89								V, Pb
06/26/2002	FMETL	ND	6.85								V, Pb
09/19/2002	FMETL	1.26	6.95								V, Pb
11/26/2002	FMETL	ND	4.90								V, Pb
03/17/2003	FMETL	ND	4.15								V, Pb
06/30/2003	FMETL	ND	4.26								V, Pb
09/24/2003	FMETL	ND	6.55								V, Pb
12/08/2003	FMETL	ND	5.80								V, Pb
03/29/2004	FMETL	ND	4.90								V,Pb
06/18/2004	FMETL	ND	5.72								V, Pb
09/16/2004	FMETL	ND	7.00								V,Pb
12/02/2004	FMETL	ND	5.73								V, Pb

SOURCE: 0699MW12

Sampling Dates:
05/24/1995 - 12/02/2004

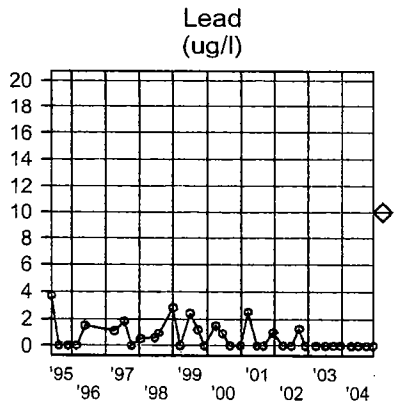
NOTES:

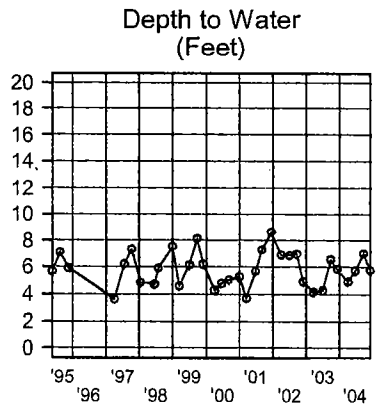
FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 9 of 13

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





SOURCE: 0699MW12

Sampling Dates:
05/24/1995 - 12/02/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 9 of 13, Graph

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

	Lab	Lead	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	10	-								-
02/20/1996	EMSL	ND	-								D
05/22/1996	FMEL	1.7	-								
10/01/1996	FMEL	-	-								
01/13/1997	FMEL	2.3	-								
04/02/1997	FMETL	1.9	2.04								V,Pb
07/16/1997	FMETL	5.5	5.55								V,Pb
10/07/1997	FMETL	ND	5.90								V,Pb
01/09/1998	FMETL	ND	1.25								V,Pb
06/09/1998	FMETL	26.0	4.58								V,Pb
07/29/1998	FMETL	24.4	5.63								V,Pb
12/30/1998	FMETL	16.6	7.95								V,Pb
03/09/1999	FMETL	2.3	2.34								V,Pb
06/28/1999	FMETL	22.9	5.68								V,Pb
09/24/1999	FMETL	5.1	4.81								V,Pb
11/30/1999	FMETL	3.39	5.00								V,Pb
03/29/2000	FMETL	2.3	2.21								V,Pb
06/16/2000	FMETL	15.5	4.37								V,Pb
09/07/2000	FMETL	7.0	3.99								V,Pb
09/07/2000D	FMETL	8.1	3.99								V,Pb
12/28/2000	FMETL	4.0	3.73								V,Pb
12/28/2000D	FMETL	4.0	3.73								V,Pb
03/12/2001	FMETL	15.92	2.59								V, Pb
03/12/2001D	FMETL	13.38	2.59								V, Pb
06/19/2001	FMETL	3.21	3.35								V,Pb
08/30/2001	FMETL	5.82	5.92								V, Pb
12/13/2001	FMETL	3.9	7.21								V, Pb
03/27/2002	FMETL	5.51	1.73								V, Pb
06/26/2002	FMETL	2.30	4.71								V, Pb
09/19/2002	FMETL	3.35	4.84								V, Pb
11/26/2002	FMETL	ND	2.14								V, Pb
03/17/2003	FMETL	ND	2.13								V, Pb
06/25/2003	FMETL	2.91	2.35								V, Pb
09/24/2003	FMETL	8.96	5.03								V, Pb
12/08/2003	FMETL	6.74	3.05								V, Pb
03/29/2004	FMETL	15.1	3.05								V,Pb
06/18/2004	FMETL	ND	4.55								V, Pb
09/16/2004	FMETL	8.41	5.61								V,Pb
12/06/2004	FMETL	ND	3.09								V, Pb

SOURCE: 0699MW15

Sampling Dates:
02/20/1996 - 12/06/2004

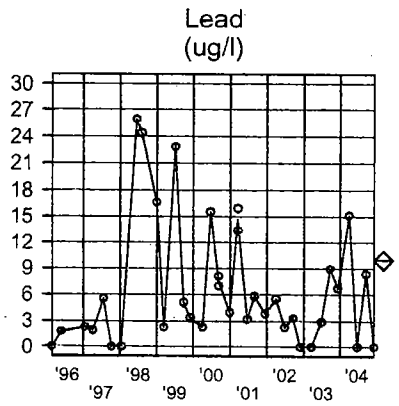
NOTES:

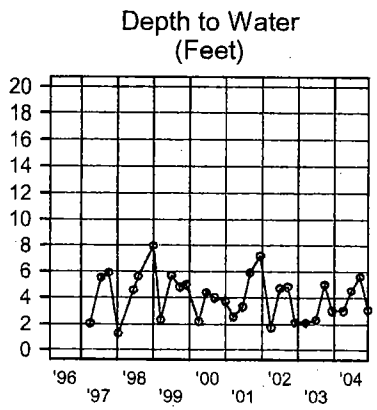
FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 10 of 13

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





SOURCE: 0699MW15

Sampling Dates:
02/20/1996 - 12/06/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 10 of 13, Graph

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

	Lab	Chloroform	Tetra chloro ethene	Lead	Depth to Water						Notes
Units:	-	ug/L	ug/L	ug/l	Feet						-
NJDEP Criteria:	-	6	1	10	-						-
11/21/1995	EMSL	1.1	ND	ND	5.19						D
02/20/1996	EMSL	17	ND	6	-						
05/23/1996	FMEL	-	-	1.1	-						
10/01/1996	FMEL	-	-	-	-						
01/15/1997	FMEL	-	-	-	-						
04/03/1997	FMETL	ND	ND	1.0	1.67						V,Pb
07/21/1997	FMETL	14.58	ND	2.7	6.80						V,Pb
10/08/1997	FMETL	ND	ND	ND	7.60						V,Pb
01/14/1998	FMETL	5.01	ND	ND	2.80						V,Pb
06/09/1998	FMETL	24.08	ND	1.4	4.55						V,Pb
07/28/1998	FMETL	12.93	ND	ND	6.23						V,Pb
12/30/1998	FMETL	5.06	ND	ND	7.63						V,Pb
03/09/1999	FMETL	13.6	ND	ND	2.54						V,Pb
06/28/1999	FMETL	21.79	ND	ND	6.39						V,Pb
09/24/1999	FMETL	ND	ND	1.2	6.72						V,Pb
11/30/1999	FMETL	6.34	ND	0.92	5.47						V,Pb
03/29/2000	FMETL	ND	5.18	1.9	2.38						V,Pb
06/16/2000	FMETL	16.18	ND	1.3	4.44						V,Pb
09/07/2000	FMETL	4.70	ND	ND	4.96						V,Pb
12/28/2000	FMETL	1.67	ND	ND	3.93						V,Pb
03/12/2001	FMETL	5.98	ND	2.92	2.47						V,Pb
06/19/2001	FMETL	5.31	ND	ND	5.00						V,Pb
08/30/2001	FMETL	1.02	ND	ND	7.26						V, Pb
12/13/2001	FMETL	1.67	ND	ND	7.64						V, Pb
03/25/2002	FMETL	10.09	ND	ND	4.92						V, Pb
06/26/2002	FMETL	10.83	ND	ND	5.79						V, Pb
09/19/2002	FMETL	2.64	ND	ND	7.34						V, Pb
11/26/2002	FMETL	14.38	ND	ND	2.57						V, Pb
03/17/2003	FMETL	31.83	ND	ND	2.34						V, Pb
09/24/2003	FMETL	2.91	ND	ND	6.22						V, Pb
12/08/2003	FMETL	4.25	0.49	ND	4.04						V, Pb
03/29/2004	FMETL	7.31	ND	ND	3.25						V,Pb
06/18/2004	FMETL	3.54	ND	ND	5.23						V, Pb
09/16/2004	FMETL	1.43	0.91	ND	6.51						V,Pb
12/02/2004	FMETL	3.56	1.09	ND	3.62						V, Pb

SOURCE: 0699MW16

Sampling Dates:
11/21/1995 - 12/02/2004

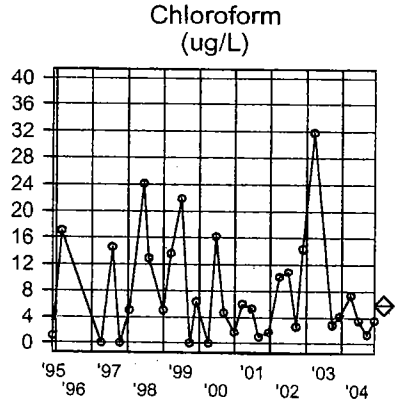
NOTES:

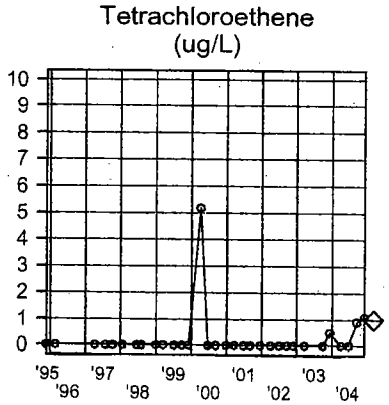
FORT MONMOUTH

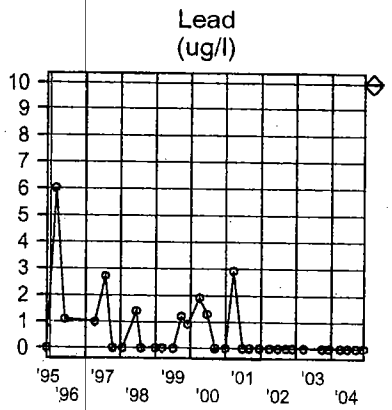
GW MONITORING
Bldg. 699

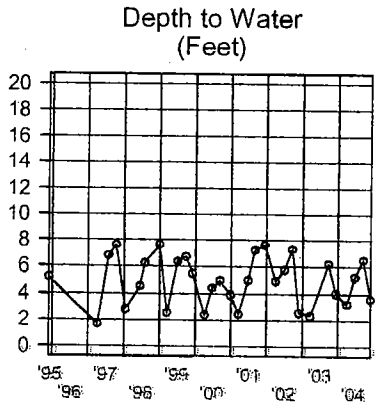
Source 11 of 13

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









SOURCE: 0699MW16

Sampling Dates:
11/21/1995 - 12/02/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 11 of 13, Graph

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

	Lab	Lead	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	10	-								-
04/02/1997	FMETL	-	-								V,Pb
07/16/1997	FMETL	1.7	7.90								V,Pb
10/07/1997	FMETL	ND	8.10								V,Pb
01/09/1998	FMETL	5.0	2.60								V,Pb
06/09/1998	FMETL	0.7	6.44								V,Pb
07/29/1998	FMETL	ND	7.84								V,Pb
12/30/1998	FMETL	ND	10.07								V,Pb
03/09/1999	FMETL	1.2	3.53								V,Pb
06/28/1999	FMETL	1.4	7.68								V,Pb
09/24/1999	FMETL	2.0	5.70								V,Pb
11/30/1999	FMETL	1.54	6.82								V,Pb
03/29/2000	FMETL	1.3	3.64								V,Pb
06/16/2000	FMETL	3.8	6.13								V,Pb
09/07/2000	FMETL	1.3	6.06								V,Pb
12/28/2000	FMETL	2.6	5.25								V,Pb
03/21/2001	FMETL	7.50	4.02								V, Pb
06/19/2001	FMETL	1.75	5.22								V,Pb
08/30/2001	FMETL	3.45	8.34								V, Pb
12/13/2001	FMETL	3.4	9.68								V, Pb
12/13/2001D	FMETL	7.0	9.68								V, Pb
03/27/2002	FMETL	ND	3.40								V, Pb
06/26/2002	FMETL	10.1	6.95								V, Pb
09/19/2002	FMETL	5.75	7.26								V, Pb
11/26/2002	FMETL	ND	3.57								V, Pb
03/17/2003	FMETL	ND	3.11								V, Pb
06/25/2003	FMETL	ND	4.21								V, Pb
09/24/2003	FMETL	2.15	7.77								V, Pb
12/06/2003	FMETL	1.60	4.75								V, Pb
03/29/2004	FMETL	ND	4.52								V,Pb
06/18/2004	FMETL	ND	7.03								V, Pb
09/16/2004	FMETL	6.71	8.33								V,Pb
12/07/2004	FMETL	ND	4.72								V, Pb

SOURCE: 0616MW01

Sampling Dates:
04/02/1997 - 12/07/2004

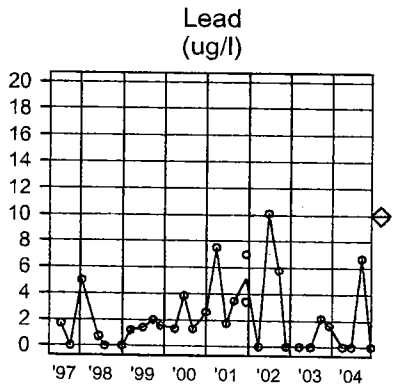
NOTES:

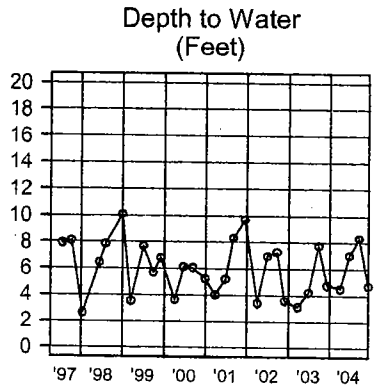
FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 13 of 13

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





SOURCE: 0616MW01

Sampling Dates:
04/02/1997 - 12/07/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 13 of 13, Graph

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

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet		-
NJDEP Criteria:	-	NLE	70	1	1000	700	40	10	-		-
04/04/1997	FMETL	ND	ND	5100	5100	3200	20500	1.8	-		V,Pb
07/22/1997	FMETL	302	512	5480	3530	1270	4260	1.3	-		V,Pb
10/10/1997	FMETL	ND	1055	6970	3760	860	8340	4.5	-		V,Pb
01/16/1998	FMETL	ND	268	2120	740	540	1750	0.8	-		V,Pb
06/09/1998	FMETL	ND	343	3300	1941	673	1955	1.1	-		V,Pb
07/29/1998	FMETL	ND	770	4110	2500	970	2960	ND	-		V,Pb
03/09/1999	FMETL	257	752	3200	1690	802	2200	ND	-		V,Pb
06/28/1999	FMETL	401	837	5122	2353	1112	2747	ND	-		V,Pb
09/24/1999	FMETL	ND	1341	4278	713	495.7	1523	1.1	-		V,Pb
11/30/1999	FMETL	ND	1406	3645	943	353	1419	0.97	-		V,Pb
03/29/2000	FMETL	ND	2806.07	12061.86	6273.83	2191.22	7052.36	ND	-		V,Pb
03/29/2000D	FMETL	ND	2588.87	11385.65	5237.20	2022.58	5914.65	ND	-		V,Pb
06/16/2000	FMETL	ND	918.06	6428.13	2774.91	1380.64	4106.77	0.8	-		V,Pb
09/07/2000	FMETL	ND	903.14	10026.66	3184.30	1973.57	4839.61	ND	-		V,Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	-		No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	3.50		No Samp
06/19/2001	FMETL	655.03	1588.83	7812.42	2932.54	872.36	3061.34	ND	9.09		V,Pb
08/30/2001	FMETL	ND	1564.32	9061.81	2136.97	1567.48	4786.87	ND	9.23		V, Pb
12/13/2001	FMETL	-	-	-	-	-	-	-	-		No Samp
03/27/2002	FMETL	924.29	763.15	8081.71	1897.11	913.41	4405.86	ND	7.90		V, Pb
06/26/2002	FMETL	6.61	263.39	5027.39	2481.36	1162.11	3640.85	ND	7.61		V, Pb
09/19/2002	FMETL	ND	276.39	1656.53	474.38	608.84	4671.57	ND	-		V, Pb
11/26/2002	FMETL	135.41	77.01	306.67	322.73	89.47	389.31	ND	-		V, Pb
03/17/2003	FMETL	ND	424.58	2241.65	3045.43	919.82	3797.12	1.80	11.28		V, Pb
06/25/2003	FMETL	ND	195.72	1609.59	1317.86	633.41	2258.51	1.78	11.33		V, Pb
09/24/2003	FMETL	ND	278.8	210.43	114.53	103.74	385.62	2.68	9.29		V, Pb
12/08/2003	FMETL	ND	231.93	587.03	323.54	237.1	620.81	6.60	-		V, Pb
03/29/2004	FMETL	216.08	196.5	629.17	360.37	424.61	992.38	9.27	-		V,Pb
06/18/2004	FMETL	ND	156.90	504.50	266.76	274.75	847.26	ND	11.65		V, Pb
09/16/2004	FMETL	ND	ND	250.53	3031.86	2329.45	11744.18	ND	11.13		V,Pb
12/09/2004	FMETL	ND	355.32	708.51	82.82	545.62	826.03	ND	-		V, Pb

SOURCE: 0699RW11

Sampling Dates:
04/04/1997 - 12/09/2004

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 12 of 13

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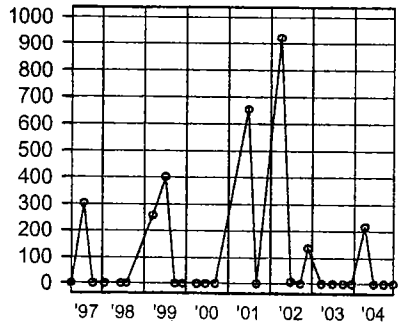
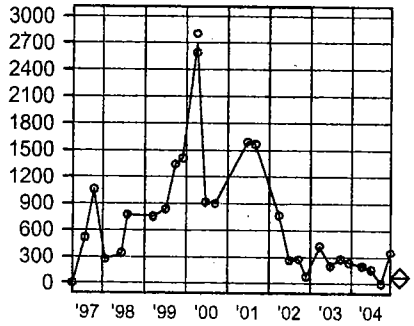
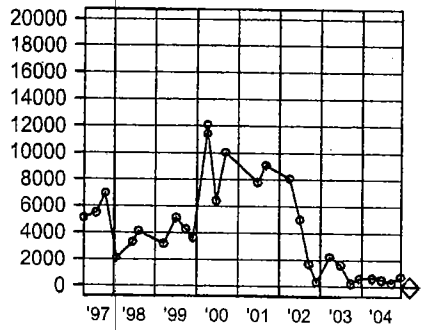
tert-Butyl alchol
(ug/L)



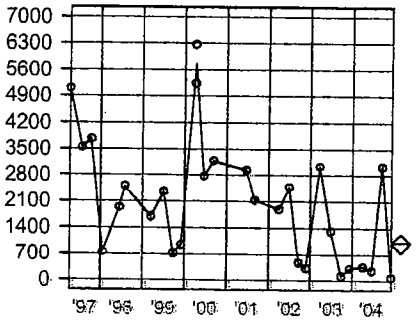
Methyl-tert-Buthyl ether
(ug/L)



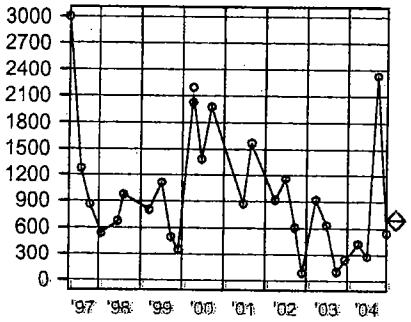
Benzene
(ug/L)



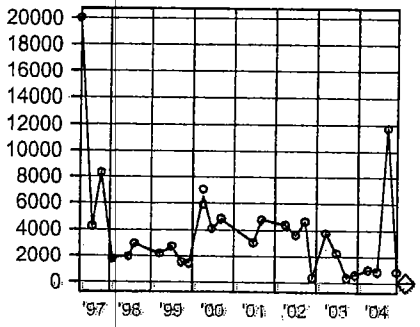
Toluene
(ug/L)



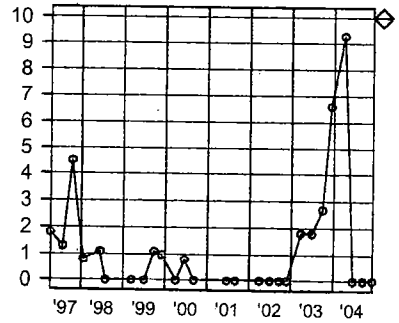
Ethylbenzene
(ug/L)



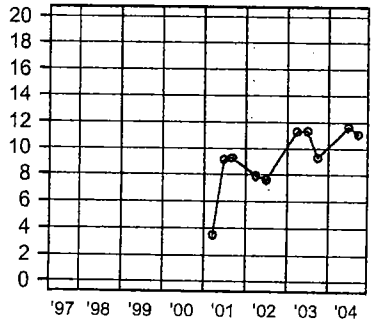
Xylenes Total
(ug/L)



Lead
(ug/l)



Depth to Water
(Feet)



SOURCE: 0699RW11

Sampling Dates:
04/04/1997 - 12/09/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 12 of 13, Graph

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

01-12-2005 \\Gar045\ENVR_Data\MtechData\699A\699A.WSF

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

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

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: Bldg.699,616

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5013210	0616MW01	29-30968	03/07/05
5013204	0699MW01	29-23677-1	03/07/05
5013205	0699MW02	29-23678-9	03/07/05
5012904	0699MW03	29-23674	03/04/05
5013206	0699MW04	29-23680	03/07/05
5012905	0699MW05	29-23806	03/04/05
5012906	0699MW06	29-23809	03/04/05
5013207	0699MW08	29-3811-1	03/07/05
5012907	0699MW09	29-24639	03/04/05
5012908	0699MW12	29-28907	03/04/05
5013208	0699MW15	29-33753	03/07/05
5012909	0699MW16	29-33757	03/04/05
5013209	0699RW11	29-28031	03/07/05
Not Sampled	0600MW01	29-30968	----------

NJDEP Laboratory Certification # 13461

4-15-05
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

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

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

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

Project No:
Location: 699
1ST QUARTER SAMPLING

Samplers Name / Company: /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA +15	PB							Comments: Remarks / Preservation Method
50129.01	TRIP BLANK	3-4-05	8:45	AQ	2	X								
.02	FIELD BLANK	3-4-05	11:45	AQ	3	X	X							
.03	DUP.	3-4-05	12:10	AQ	3	X	X							
.04	MW #3	3-4-05	12:25	AQ	3	X	X							29-23679
.05	MW #5	3-4-05	12:55	AQ	3	X	X							29-23808
.06	MW #6 *	3-4-05	12:10	AQ	3	X	X							29-23809
.07	MW #9	3-4-05	15:55	AQ	3	X	X							29-24639
.08	MW #12	3-4-05	15:40	AQ	3	X	X							29-28907
.09	MW #16	3-4-05	16:00	AQ	3	X	X							29-33757

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[illegible]	3-4-05 1615	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

print legibly

COC.XLS 12/28/2004

Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone: # X2[illegible]223
( )DERA ( )OMA ( )Other:

Project No:
Location: 699/616/

Samplers Name / Company: /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA 1ts	PB							Remarks / Preservation Method
50/132.01	TRIP BLANK	3-7-05	8:10	AQ	2	X								
.02	FIELD BLANK	3-7-05	10:30	AQ	3	X	X							
.03	DUP.	3-7-05	14:35	AQ	3	X	X							
.04	MW #1	3-5-05	15:00	AQ	3	X	X							29-23677-1
.05	MW #2	3-7-05	11:50	AQ	3	X	X							29-23678-9
.06	MW #4	3-7-05	15:35	AQ	3	X	X							29-23680
.07	MW #8 *	3-7-05	14:35	AQ	3	X	X							29-3811-1
.08	MW #15	3-7-05	11:05	AQ	3	X	X							29-33753
.09	RW #11	3-7-05	14:00	AQ	3	X	X							29-28031
.10	616 #1	3-7-05	11:20	AQ	3	X	X							29-33760

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	3-7-05 15:45	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, (✓)Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (✓)Standard 3 wks, ( )Rush___Days, ( )ASAP Verbal ___Hrs.

Remarks:

print legibly

COC XLS12/28/2004

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW01
NJDEP ID #: 29-23677-1
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/07/05
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 3.55 ft
DEPTH OF WELL: 14.31 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 10.96 ft
(10.96) X .65 X 3 = 21:37
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:20
pH 5.79 su
DISSOLVED O_2 1.84 mg/L
TEMP 11.51 °C
SPECIFIC CONDUCTIVITY 1292.0 µs/cm

PURGE END TIME: 14:51
pH 4.81 su
DISSOLVED O_2 0.96 mg/L
TEMP 11.73 °C
SPECIFIC CONDUCTIVITY 2117.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.27 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 15:00
pH 4.90 su
DISSOLVED O_2 1.17 mg/L
TEMP 11.55 °C
SPECIFIC CONDUCTIVITY 2071.0 µs/cm

SAMPLE END TIME: 15:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW02
NJDEP ID #: 29-23678-9
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/07/05
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 2.47 ft
DEPTH OF WELL: 16.30 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 13.83 ft
(13.83) X .65 X 3 = 26.96
GALLONS OF H_2O TO BE PURGED: 27 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:48
pH 6.14 su
DISSOLVED O_2 1.91 mg/L
TEMP 9.39 °C
SPECIFIC CONDUCTIVITY 505.0 µs/cm

PURGE END TIME: 11:45
pH 5.67 su
DISSOLVED O_2 1.56 mg/L
TEMP 9.44 °C
SPECIFIC CONDUCTIVITY 482.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.24 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 27 gal

SAMPLE START TIME: 11:50
pH 5.71 su
DISSOLVED O_2 1.86 mg/L
TEMP 9.56 °C
SPECIFIC CONDUCTIVITY 484.0 µs/cm

SAMPLE END TIME: 11:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW03
NJDEP ID #: 29-23679
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/04/05
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 3.50 ft
DEPTH OF WELL: 14.15 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 10.65 ft
(10.65) X .65 X 3 = 20.76
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: .023 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:47
pH 7.11 su — TEMP 9.89 °C
DISSOLVED O_2 3.78 mg/L — SPECIFIC CONDUCTIVITY 3623.0 µs/cm

PURGE END TIME: 12:18
pH 5.82 su — TEMP 10.03 °C
DISSOLVED O_2 2.28 mg/L — SPECIFIC CONDUCTIVITY 3567.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.36 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 12:25
pH 5.81 su — TEMP 9.91 °C
DISSOLVED O_2 2.56 mg/L — SPECIFIC CONDUCTIVITY 3579.0 µs/cm

SAMPLE END TIME: 12:25

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW04
NJDEP ID #: 29-23680
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/07/05
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.61 ft
DEPTH OF WELL: 18.09 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 13.48 ft
(13.48) X .65 X 3 = 26.28
GALLONS OF H_2O TO BE PURGED: 26 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.04 ppm

PURGE START TIME: 13:37
pH 5.97 su — TEMP 11.93 °C
DISSOLVED O_2 2.14 mg/L — SPECIFIC CONDUCTIVITY 956.0 µs/cm

PURGE END TIME: 15:30
pH 5.85 su — TEMP 12.72 °C
DISSOLVED O_2 1.90 mg/L — SPECIFIC CONDUCTIVITY 774.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.08 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 26 gal

SAMPLE START TIME: 15:35
pH 6.05 su — TEMP 12.63 °C
DISSOLVED O_2 2.42 mg/L — SPECIFIC CONDUCTIVITY 764.0 µs/cm

SAMPLE END TIME: 15:35

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW05
NJDEP ID #: 29-23808
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/04/05
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 3.03 ft
DEPTH OF WELL: 14.69 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 11.66 ft
(11.66) X .65 X 3 = 22.73
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:03
pH 7.13 su
DISSOLVED O_2 3.42 mg/L
TEMP 10.07 °C
SPECIFIC CONDUCTIVITY 2926.0 µs/cm

PURGE END TIME: 12:43
pH 5.87 su
DISSOLVED O_2 2.91 mg/L
TEMP 8.54 °C
SPECIFIC CONDUCTIVITY 2601.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 3.58 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 12:55
pH 5.53 su
DISSOLVED O_2 3.07 mg/L
TEMP 8.41 °C
SPECIFIC CONDUCTIVITY 2526.0 µs/cm

SAMPLE END TIME: 12:55

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW06
NJDEP ID #: 29-23809
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/04/05
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 3.33 ft
DEPTH OF WELL: 14.20 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 10.87 ft
(10.87) X .65 X 3 = 21.19
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:31
pH 7.68 su — TEMP 9.03 °C
DISSOLVED O_2 4.77 mg/L — SPECIFIC CONDUCTIVITY 722.0 µs/cm

PURGE END TIME: 12:02
pH 6.51 su — TEMP 8.80 °C
DISSOLVED O_2 2.87 mg/L — SPECIFIC CONDUCTIVITY 796.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 4.71 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 12:10
pH 6.14 su — TEMP 8.96 °C
DISSOLVED O_2 3.12 mg/L — SPECIFIC CONDUCTIVITY 780.0 µs/cm

SAMPLE END TIME: 12:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW08
NJDEP ID #: 29-3811-1
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/07/05
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 3.60 ft
DEPTH OF WELL: 13.38 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 9.78 ft
(9.78) X .65 X 3 = 19.07
GALLONS OF H_2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.03 ppm

PURGE START TIME: 13:06
pH 4.77 su — TEMP 10.86 °C
DISSOLVED O_2 1.18 mg/L — SPECIFIC CONDUCTIVITY 2326.0 µs/cm

PURGE END TIME: 14:29
pH 4.38 su — TEMP 9.81 °C
DISSOLVED O_2 1.43 mg/L — SPECIFIC CONDUCTIVITY 2339.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 4.12 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 14:35
pH 4.03 su — TEMP 9.76 °C
DISSOLVED O_2 1.49 mg/L — SPECIFIC CONDUCTIVITY 2378.0 µs/cm

SAMPLE END TIME: 14:35

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW09
NJDEP ID #: 29-24639
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/04/05
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 3.21 ft
DEPTH OF WELL: 12.98 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 9.77 ft
(9.77) X .65 X 3 = 19.05
GALLONS OF H2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 14:26
pH 4.12 su
DISSOLVED O_2 2.10 mg/L
TEMP 7.76 °C
SPECIFIC CONDUCTIVITY 199.0 µs/cm

PURGE END TIME: 15:49
pH 3.80 su
DISSOLVED O_2 1.86 mg/L
TEMP 7.32 °C
SPECIFIC CONDUCTIVITY 417.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 3.65 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 15:55
pH 3.86 su
DISSOLVED O_2 1.91 mg/L
TEMP 7.29 °C
SPECIFIC CONDUCTIVITY 422.0 µs/cm

SAMPLE END TIME: 15:55

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW12
NJDEP ID #: 29-28907
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/04/05
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.04 ft
DEPTH OF WELL: 14.67 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 10.63 ft
(10.63) X .65 X 3 = 20.72
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 14:03
pH 5.01 su
DISSOLVED O_2 2.16 mg/L
TEMP 9.86 °C
SPECIFIC CONDUCTIVITY 461.0 µs/cm

PURGE END TIME: 15:34
pH 4.21 su
DISSOLVED O_2 1.92 mg/L
TEMP 9.58 °C
SPECIFIC CONDUCTIVITY 412.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.00 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 15:40
pH 4.10 su
DISSOLVED O_2 1.96 mg/L
TEMP 9.67 °C
SPECIFIC CONDUCTIVITY 415.0 µs/cm

SAMPLE END TIME: 15:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW15
NJDEP ID #: 29-33753
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/07/05
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 2.53 ft
DEPTH OF WELL: 13.75 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 11.22 ft
(11.22) X .65 X 3 = 21.87
GALLONS OF H2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:20
pH 7.08 su
DISSOLVED O_2 1.87 mg/L
TEMP 8.83 °C
SPECIFIC CONDUCTIVITY 110.0 µs/cm

PURGE END TIME: 10:56
pH 6.72 su
DISSOLVED O_2 2.07 mg/L
TEMP 8.84 °C
SPECIFIC CONDUCTIVITY 127.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.08 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 11:05
pH 6.12 su
DISSOLVED O_2 1.84 mg/L
TEMP 8.28 °C
SPECIFIC CONDUCTIVITY 102.0 µs/cm

SAMPLE END TIME: 11:05

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW16
NJDEP ID #: 29-33757
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/04/05
WEATHER: Clear and cold
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 2.48 ft
DEPTH OF WELL: 13.72 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 11.24 ft
(11.24) X .65 X 3 = 21.91
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 14:15
pH 4.13 su — TEMP 7.39 °C
DISSOLVED O_2 2.12 mg/L — SPECIFIC CONDUCTIVITY 542.0 µs/cm

PURGE END TIME: 15:51
pH 4.10 su — TEMP 7.42 °C
DISSOLVED O_2 1.86 mg/L — SPECIFIC CONDUCTIVITY 573.0 µs/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 5.00 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 16:00
pH 3.91 su — TEMP 7.34 °C
DISSOLVED O_2 2.16 mg/L — SPECIFIC CONDUCTIVITY 589.0 µs/cm

SAMPLE END TIME: 16:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0616MW01
NJDEP ID #: 29-33760
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 03/07/05
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.23 ft
DEPTH OF WELL: 16.28 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.05 ft
(12.05) X .65 X 3 = 23.49
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:36
pH 6.91 su
DISSOLVED O_2 0.98 mg/L
TEMP 8.88 °C
SPECIFIC CONDUCTIVITY 92.0 µs/cm

PURGE END TIME: 11:16
pH 5.44 su
DISSOLVED O_2 1.16 mg/L
TEMP 7.07 °C
SPECIFIC CONDUCTIVITY 110.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.65 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 11:20
pH 5.42 su
DISSOLVED O_2 1.06 mg/L
TEMP 6.99 °C
SPECIFIC CONDUCTIVITY 111.0 µs/cm

SAMPLE END TIME: 11:20

COMMENTS:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence compound however the result is less than the MDL but greater tha zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that require dilution.

E: Indicates the compound's concentration exceeds the calibration range the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence o compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

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

Data File	VB018904.D	Sample Name	MB 11Mar05
Operator	Skelton	Field ID	MB 11Mar05
Date Acquired	11 Mar 2005 2:49 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifie
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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4/13/2005 2:21 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 11Mar05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50132 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 11Mar05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018904.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. _____ Date Analyzed: 3/11/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018947.D	Sample Name	MB 15Mar05
Operator	Skelton	Field ID	MB 15Mar05
Date Acquired	15 Mar 2005 2:11 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifie
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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4/13/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 15Mar05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50132 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 15Mar05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018947.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. _____ Date Analyzed: 3/15/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018982.D	Sample Name	MB 18Mar05
Operator	Skelton	Field ID	MB 18Mar05
Date Acquired	18 Mar 2005 1:53 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifie
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 18Mar05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50132 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 18Mar05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018982.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. _____ Date Analyzed: 3/18/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018921.D	Sample Name	5012901
Operator	Skelton	Field ID	Trip Blank
Date Acquired	12 Mar 2005 2:31 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifi
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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4/13/2005 10:46 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50129 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5012901

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018921.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. Date Analyzed: 3/12/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018930.D	Sample Name	5013201
Operator	Skelton	Field ID	Trip Blank
Date Acquired	12 Mar 2005 8:36 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50132 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5013201

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018930.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. _____ Date Analyzed: 3/12/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File	VB018922.D	Sample Name	5012902
Operator	Skelton	Field ID	Field Blank
Date Acquired	12 Mar 2005 3:12 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50129 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5012902

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018922.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. _____ Date Analyzed: 3/12/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018931.D	Sample Name	5013202
Operator	Skelton	Field ID	Field Blank
Date Acquired	12 Mar 2005 9:16 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifie
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50132 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5013202

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018931.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. Date Analyzed: 3/12/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018923.D	Sample Name	5012903
Operator	Skelton	Field ID	Dupe
Date Acquired	12 Mar 2005 3:52 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifie
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	18242	0.31 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	576468	8.33 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.01	246848	11.00 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.84	170303	3.20 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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4/13/2005 10:46 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50129 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5012903

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018923.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. Date Analyzed: 3/12/2005

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

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

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

Number TICs found: 8

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000107-83-5	Pentane, 2-methyl-	10.81	6	JN
2.	unknown	11.71	4	J
3.	unknown	14.52	6	J
4. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.41	6	JN
5. 000526-73-8	Benzene, 1,2,3-trimethyl-	28.59	3	JN
6. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.02	4	JN
7. 000526-73-8	Benzene, 1,2,3-trimethyl-	29.36	14	JN
8. 000496-11-7	Indane	30.51	3	JN

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

Data File	VB018962.D	Sample Name	5013203
Operator	Skelton	Field ID	Dupe
Date Acquired	16 Mar 2005 12:45 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifi
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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4/13/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50132 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5013203

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018962.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. _____ Date Analyzed: 3/16/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018968.D	Sample Name	5013204
Operator	Skelton	Field ID	MW#1
Date Acquired	16 Mar 2005 4:49 am	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifie
107028	Acrolein			not detected	50	15.70 ug/L	200.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	200.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	85.40 ug/L	200.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.75	2087995	482.68 ug/L	70	3.00 ug/L	20.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	nle	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone			not detected	700	20.00 ug/L	20.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene	18.15	15363401	1947.06 ug/L	1	2.00 ug/L	20.00 ug/L	E D
107-06-2	1,2-Dichloroethane			not detected	2	2.20 ug/L	20.00 ug/L	
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene	22.69	17364394	2022.14 ug/L	1000	2.50 ug/L	20.00 ug/L	E D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene	25.72	14947602	1537.49 ug/L	700	2.80 ug/L	20.00 ug/L	E D
1330-20-7	m+p-Xylenes	26.01	15566998	4866.04 ug/L	nle	6.30 ug/L	40.00 ug/L	E D
95-47-6	o-Xylene	26.84	8949400	1202.74 ug/L	nle	2.40 ug/L	20.00 ug/L	E D
100-42-5	Styrene			not detected	100	3.40 ug/L	20.00 ug/L	
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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4/13/2005 2:34 PM

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

Data File	VB018972.D	Sample Name	5013204
Operator	Skelton	Field ID	MW#1
Date Acquired	16 Mar 2005 7:31 am	Sample Multiplier	100

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifie
107028	Acrolein			not detected	50	157.00 ug/L	2000.00 ug/L	
107131	Acrylonitrile			not detected	50	247.00 ug/L	2000.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	854.00 ug/L	2000.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.81	148226	448.37 ug/L	70	30.00 ug/L	200.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	37.00 ug/L	200.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	46.00 ug/L	200.00 ug/L	
74-87-3	Chloromethane			not detected	30	30.00 ug/L	200.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	20.00 ug/L	200.00 ug/L	
74-83-9	Bromomethane			not detected	10	25.00 ug/L	200.00 ug/L	
75-00-3	Chloroethane			not detected	nle	27.00 ug/L	200.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	26.00 ug/L	200.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	27.00 ug/L	200.00 ug/L	
67-64-1	Acetone	11.97	12903	178.66 ug/L	700	200.00 ug/L	200.00 ug/L	D
75-15-0	Carbon Disulfide			not detected	nle	16.00 ug/L	200.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	55.00 ug/L	200.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	25.00 ug/L	200.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	32.00 ug/L	200.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	20.00 ug/L	200.00 ug/L	
78-93-3	2-Butanone			not detected	300	90.00 ug/L	200.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	28.00 ug/L	200.00 ug/L	
67-66-3	Chloroform			not detected	6	38.00 ug/L	200.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	27.00 ug/L	200.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	20.00 ug/L	200.00 ug/L	
71-43-2	Benzene	18.15	1064893	1783.46 ug/L	1	20.00 ug/L	200.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	22.00 ug/L	200.00 ug/L	
79-01-6	Trichloroethene			not detected	1	28.00 ug/L	200.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	33.00 ug/L	200.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	25.00 ug/L	200.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	25.00 ug/L	200.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	18.00 ug/L	200.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	38.00 ug/L	200.00 ug/L	
108-88-3	Toluene	22.69	1230506	1893.65 ug/L	1000	25.00 ug/L	200.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	14.00 ug/L	200.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	25.00 ug/L	200.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	26.00 ug/L	200.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	29.00 ug/L	200.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	24.00 ug/L	200.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	30.00 ug/L	200.00 ug/L	
100-41-4	Ethylbenzene	25.73	1043961	1376.76 ug/L	700	28.00 ug/L	200.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	1020501	4089.96 ug/L	nle	63.00 ug/L	400.00 ug/L	D
95-47-6	o-Xylene	26.84	620062	1068.44 ug/L	nle	24.00 ug/L	200.00 ug/L	D
100-42-5	Styrene			not detected	100	34.00 ug/L	200.00 ug/L	
75-25-2	Bromoform			not detected	4	24.00 ug/L	200.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	24.00 ug/L	200.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	24.00 ug/L	200.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	25.00 ug/L	200.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	27.00 ug/L	200.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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4/13/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW#1

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50132 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5013204

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018968.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. Date Analyzed: 3/16/2005

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000078-78-4	Butane, 2-methyl-	6.71	420	JN
2. 000598-61-8	Cyclobutane, methyl-	10.80	670	JN
3. 004076-36-2	1H-Tetrazole, 5-methyl-	14.51	620	JN
4. 000103-65-1	Benzene, propyl-	28.24	380	JN
5. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.40	520	JN
6. 000526-73-8	Benzene, 1,2,3-trimethyl-	28.59	310	JN
7. 000622-96-8	Benzene, 1-ethyl-4-methyl-	29.03	310	JN
8. 000095-36-3	1,2,4-Trimethylbenzene	29.35	1500	JN
9. 000095-36-3	1,2,4-Trimethylbenzene	30.21	320	JN
10.	unknown	30.51	1000	J

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

Data File	VB018963.D	Sample Name	5013205
Operator	Skelton	Field ID	MW#2
Date Acquired	16 Mar 2005 1:26 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifi
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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4/13/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#2**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50132 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5013205

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018963.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. _____ Date Analyzed: 3/16/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018967.D	Sample Name	5012904
Operator	Skelton	Field ID	MW#3
Date Acquired	16 Mar 2005 4:09 am	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifie
107028	Acrolein			not detected	50	15.70 ug/L	200.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	200.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	85.40 ug/L	200.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.72	6302394	1378.88 ug/L	70	3.00 ug/L	20.00 ug/L	E D
108203	Di-isopropyl ether			not detected	nle	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	nle	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone	11.95	24418	24.45 ug/L	700	20.00 ug/L	20.00 ug/L	D
75-15-0	Carbon Disulfide			not detected	nle	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene	18.15	218739	26.73 ug/L	1	2.00 ug/L	20.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	2.20 ug/L	20.00 ug/L	
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene	22.69	872168	97.95 ug/L	1000	2.50 ug/L	20.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene	25.72	1963937	194.88 ug/L	700	2.80 ug/L	20.00 ug/L	D
1330-20-7	m+p-Xylenes	26.00	3004870	906.13 ug/L	nle	6.30 ug/L	40.00 ug/L	D
95-47-6	o-Xylene	26.84	1708851	221.55 ug/L	nle	2.40 ug/L	20.00 ug/L	D
100-42-5	Styrene			not detected	100	3.40 ug/L	20.00 ug/L	
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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4/14/2005 9:42 AM

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

Data File	VB018971.D	Sample Name	5012904
Operator	Skelton	Field ID	MW#3
Date Acquired	16 Mar 2005 6:51 am	Sample Multiplier	100

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifi
107028	Acrolein			not detected	50	157.00 ug/L	2000.00 ug/L	
107131	Acrylonitrile			not detected	50	247.00 ug/L	2000.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	854.00 ug/L	2000.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.77	468059	1341.42 ug/L	70	30.00 ug/L	200.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	37.00 ug/L	200.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	46.00 ug/L	200.00 ug/L	
74-87-3	Chloromethane			not detected	30	30.00 ug/L	200.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	20.00 ug/L	200.00 ug/L	
74-83-9	Bromomethane			not detected	10	25.00 ug/L	200.00 ug/L	
75-00-3	Chloroethane			not detected	nle	27.00 ug/L	200.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	26.00 ug/L	200.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	27.00 ug/L	200.00 ug/L	
67-64-1	Acetone	11.96	13938	182.85 ug/L	700	200.00 ug/L	200.00 ug/L	D
75-15-0	Carbon Disulfide			not detected	nle	16.00 ug/L	200.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	55.00 ug/L	200.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	25.00 ug/L	200.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	32.00 ug/L	200.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	20.00 ug/L	200.00 ug/L	
78-93-3	2-Butanone			not detected	300	90.00 ug/L	200.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	28.00 ug/L	200.00 ug/L	
67-66-3	Chloroform			not detected	6	38.00 ug/L	200.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	27.00 ug/L	200.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	20.00 ug/L	200.00 ug/L	
71-43-2	Benzene	18.15	18611	29.85 ug/L	1	20.00 ug/L	200.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	22.00 ug/L	200.00 ug/L	
79-01-6	Trichloroethene			not detected	1	28.00 ug/L	200.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	33.00 ug/L	200.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	25.00 ug/L	200.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	25.00 ug/L	200.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	18.00 ug/L	200.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	38.00 ug/L	200.00 ug/L	
108-88-3	Toluene	22.69	79831	117.64 ug/L	1000	25.00 ug/L	200.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	14.00 ug/L	200.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	25.00 ug/L	200.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	26.00 ug/L	200.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	29.00 ug/L	200.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	24.00 ug/L	200.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	30.00 ug/L	200.00 ug/L	
100-41-4	Ethylbenzene	25.73	158878	202.99 ug/L	700	28.00 ug/L	200.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	237981	924.04 ug/L	nle	63.00 ug/L	400.00 ug/L	D
95-47-6	o-Xylene	26.84	134810	225.05 ug/L	nle	24.00 ug/L	200.00 ug/L	D
100-42-5	Styrene			not detected	100	34.00 ug/L	200.00 ug/L	
75-25-2	Bromoform			not detected	4	24.00 ug/L	200.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	24.00 ug/L	200.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	24.00 ug/L	200.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	25.00 ug/L	200.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	27.00 ug/L	200.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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4/14/2005 9:43 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW#3

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50129 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5012904

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018924.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. _____ Date Analyzed: 3/12/2005

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000078-78-4	Butane, 2-methyl-	6.79	110	JN
2.	unknown	14.52	79	J
3.	unknown	22.75	480	J
4.	unknown	26.05	620	J
5. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.41	490	JN
6. 000526-73-8	Benzene, 1,2,3-trimethyl-	28.59	180	JN
7. 000622-96-8	Benzene, 1-ethyl-4-methyl-	29.03	160	JN
8. 000526-73-8	Benzene, 1,2,3-trimethyl-	29.36	790	JN
9. 000095-36-3	1,2,4-Trimethylbenzene	30.22	240	JN
10.	unknown	30.51	190	J

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

Data File	VB018969.D	Sample Name	5013206
Operator	Skelton	Field ID	MW#4
Date Acquired	16 Mar 2005 5:30 am	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifi
107028	Acrolein			not detected	50	15.70 ug/L	200.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	200.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	85.40 ug/L	200.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	3.00 ug/L	20.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	nle	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone			not detected	700	20.00 ug/L	20.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene	18.15	3295613	449.60 ug/L	1	2.00 ug/L	20.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	2.20 ug/L	20.00 ug/L	
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene	22.69	15290581	1916.79 ug/L	1000	2.50 ug/L	20.00 ug/L	E D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene	25.72	1098688	122.25 ug/L	700	2.80 ug/L	20.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	2888619	976.79 ug/L	nle	6.30 ug/L	40.00 ug/L	D
95-47-6	o-Xylene	26.84	3342368	485.93 ug/L	nle	2.40 ug/L	20.00 ug/L	D
100-42-5	Styrene			not detected	100	3.40 ug/L	20.00 ug/L	
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018973.D	Sample Name	5013206
Operator	Skelton	Field ID	MW#4
Date Acquired	16 Mar 2005 8:13 am	Sample Multiplier	100

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifi
107028	Acrolein			not detected	50	157.00 ug/L	2000.00 ug/L	
107131	Acrylonitrile			not detected	50	247.00 ug/L	2000.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	854.00 ug/L	2000.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	30.00 ug/L	200.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	37.00 ug/L	200.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	46.00 ug/L	200.00 ug/L	
74-87-3	Chloromethane			not detected	30	30.00 ug/L	200.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	20.00 ug/L	200.00 ug/L	
74-83-9	Bromomethane			not detected	10	25.00 ug/L	200.00 ug/L	
75-00-3	Chloroethane			not detected	nle	27.00 ug/L	200.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	26.00 ug/L	200.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	27.00 ug/L	200.00 ug/L	
67-64-1	Acetone			not detected	700	200.00 ug/L	200.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	16.00 ug/L	200.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	55.00 ug/L	200.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	25.00 ug/L	200.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	32.00 ug/L	200.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	20.00 ug/L	200.00 ug/L	
78-93-3	2-Butanone			not detected	300	90.00 ug/L	200.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	28.00 ug/L	200.00 ug/L	
67-66-3	Chloroform			not detected	6	38.00 ug/L	200.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	27.00 ug/L	200.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	20.00 ug/L	200.00 ug/L	
71-43-2	Benzene	18.16	1126281	1983.68 ug/L	1	20.00 ug/L	200.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	22.00 ug/L	200.00 ug/L	
79-01-6	Trichloroethene			not detected	1	28.00 ug/L	200.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	33.00 ug/L	200.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	25.00 ug/L	200.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	25.00 ug/L	200.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	18.00 ug/L	200.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	38.00 ug/L	200.00 ug/L	
108-88-3	Toluene	22.69	5054172	8179.65 ug/L	1000	25.00 ug/L	200.00 ug/L	E D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	14.00 ug/L	200.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	25.00 ug/L	200.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	26.00 ug/L	200.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	29.00 ug/L	200.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	24.00 ug/L	200.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	30.00 ug/L	200.00 ug/L	
100-41-4	Ethylbenzene	25.73	394376	554.97 ug/L	700	28.00 ug/L	200.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	1006499	4304.28 ug/L	nle	63.00 ug/L	400.00 ug/L	D
95-47-6	o-Xylene	26.85	1185461	2179.63 ug/L	nle	24.00 ug/L	200.00 ug/L	D
100-42-5	Styrene			not detected	100	34.00 ug/L	200.00 ug/L	
75-25-2	Bromoform			not detected	4	24.00 ug/L	200.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	24.00 ug/L	200.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	24.00 ug/L	200.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	25.00 ug/L	200.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	27.00 ug/L	200.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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4/13/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW#4

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50132 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5013206

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018969.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. Date Analyzed: 3/16/2005

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

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

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

Number TICs found: 6

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.40	120	JN
2. 000108-67-8	Benzene, 1,3,5-trimethyl-	28.59	49	JN
3. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.03	42	JN
4. 000526-73-8	Benzene, 1,2,3-trimethyl-	29.36	190	JN
5. 000095-36-3	1,2,4-Trimethylbenzene	30.22	57	JN
6. 000496-11-7	Indane	30.51	49	JN

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

Data File	VB018960.D	Sample Name	5012905
Operator	Skelton	Field ID	MW#5
Date Acquired	15 Mar 2005 11:24 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifi
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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4/13/2005 11:07 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#5**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50129 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5012905

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018960.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. Date Analyzed: 3/15/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018961.D	Sample Name	5012906
Operator	Skelton	Field ID	MW#6
Date Acquired	16 Mar 2005 12:05 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifi
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW#6

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50129 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5012906

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018961.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. Date Analyzed: 3/16/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018964.D	Sample Name	5013207
Operator	Skelton	Field ID	MW#8
Date Acquired	16 Mar 2005 2:07 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifie
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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4/13/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW#8

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50132 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5013207

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018964.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. _____ Date Analyzed: 3/16/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018927.D	Sample Name	5012907
Operator	Skelton	Field ID	MW#9
Date Acquired	12 Mar 2005 6:34 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	60364	0.92 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.01	22478	0.91 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.84	16645	0.28 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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4/13/2005 10:46 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#9**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50129 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5012907

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018927.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. _____ Date Analyzed: 3/12/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018928.D	Sample Name	5012908
Operator	Skelton	Field ID	MW#12
Date Acquired	12 Mar 2005 7:15 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifie
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.76	875772	28.99 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	35091	0.57 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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4/13/2005 10:46 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#12**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50129 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5012908

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018928.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. _____ Date Analyzed: 3/12/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File	VB019000.D	Sample Name	5013208
Operator	Skelton	Field ID	MW#15
Date Acquired	19 Mar 2005 2:32 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW#15

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50132 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5013208

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019000.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. Date Analyzed: 3/19/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File	VB018929.D	Sample Name	5012909
Operator	Skelton	Field ID	MW#16
Date Acquired	12 Mar 2005 7:56 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifie
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.66	683218	26.07 ug/L	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	24311	0.40 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW#16

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50129 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5012909

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018929.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. Date Analyzed: 3/12/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB018970.D	Sample Name	5013209
Operator	Skelton	Field ID	RW#11
Date Acquired	16 Mar 2005 6:11 am	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifie
107028	Acrolein			not detected	50	15.70 ug/L	200.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	200.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	85.40 ug/L	200.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	3.00 ug/L	20.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	nle	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone	11.95	16393	20.31 ug/L	700	20.00 ug/L	20.00 ug/L	D
75-15-0	Carbon Disulfide			not detected	nle	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene	18.15	91605	13.98 ug/L	1	2.00 ug/L	20.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	2.20 ug/L	20.00 ug/L	
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene	22.69	1434592	201.12 ug/L	1000	2.50 ug/L	20.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene	25.73	1018219	124.85 ug/L	700	2.80 ug/L	20.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	4292459	1599.45 ug/L	nle	6.30 ug/L	40.00 ug/L	E D
95-47-6	o-Xylene	26.84	4937398	790.99 ug/L	nle	2.40 ug/L	20.00 ug/L	E D
100-42-5	Styrene			not detected	100	3.40 ug/L	20.00 ug/L	
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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

Data File	VB018974.D	Sample Name	5013209
Operator	Skelton	Field ID	RW#11
Date Acquired	16 Mar 2005 8:56 am	Sample Multiplier	50

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifie
107028	Acrolein			not detected	50	78.50 ug/L	1000.00 ug/L	
107131	Acrylonitrile			not detected	50	123.50 ug/L	1000.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	427.00 ug/L	1000.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	15.00 ug/L	100.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	18.50 ug/L	100.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	23.00 ug/L	100.00 ug/L	
74-87-3	Chloromethane			not detected	30	15.00 ug/L	100.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	10.00 ug/L	100.00 ug/L	
74-83-9	Bromomethane			not detected	10	12.50 ug/L	100.00 ug/L	
75-00-3	Chloroethane			not detected	nle	13.50 ug/L	100.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	13.00 ug/L	100.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	13.50 ug/L	100.00 ug/L	
67-64-1	Acetone			not detected	700	100.00 ug/L	100.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	8.00 ug/L	100.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	27.50 ug/L	100.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	12.50 ug/L	100.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	16.00 ug/L	100.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	10.00 ug/L	100.00 ug/L	
78-93-3	2-Butanone			not detected	300	45.00 ug/L	100.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	14.00 ug/L	100.00 ug/L	
67-66-3	Chloroform			not detected	6	19.00 ug/L	100.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	13.50 ug/L	100.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	10.00 ug/L	100.00 ug/L	
71-43-2	Benzene	18.16	37905	34.60 ug/L	1	10.00 ug/L	100.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	11.00 ug/L	100.00 ug/L	
79-01-6	Trichloroethene			not detected	1	14.00 ug/L	100.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	16.50 ug/L	100.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	12.50 ug/L	100.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	12.50 ug/L	100.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	9.00 ug/L	100.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	19.00 ug/L	100.00 ug/L	
108-88-3	Toluene	22.69	592368	496.91 ug/L	1000	12.50 ug/L	100.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	7.00 ug/L	100.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	12.50 ug/L	100.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	13.00 ug/L	100.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	14.50 ug/L	100.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	12.00 ug/L	100.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	15.00 ug/L	100.00 ug/L	
100-41-4	Ethylbenzene	25.73	405078	295.37 ug/L	700	14.00 ug/L	100.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	1617068	3583.33 ug/L	nle	31.50 ug/L	200.00 ug/L	D
95-47-6	o-Xylene	26.85	1925555	1834.52 ug/L	nle	12.00 ug/L	100.00 ug/L	D
100-42-5	Styrene			not detected	100	17.00 ug/L	100.00 ug/L	
75-25-2	Bromoform			not detected	4	12.00 ug/L	100.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	12.00 ug/L	100.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	12.00 ug/L	100.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	12.50 ug/L	100.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	13.50 ug/L	100.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: RW#11

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50132 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5013209

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018970.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. Date Analyzed: 3/16/2005

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.40	590	JN
2. 000108-67-8	Benzene, 1,3,5-trimethyl-	28.59	290	JN
3. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.03	240	JN
4. 000108-67-8	Benzene, 1,3,5-trimethyl-	29.36	800	JN
5. 000095-36-3	1,2,4-Trimethylbenzene	30.22	280	JN
6. 000496-11-7	Indane	30.51	180	JN
7. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	30.56	61	JN
8. 002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	31.32	67	JN
9. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	32.23	70	JN
10. 027133-93-3	2,3-Dihydro-1-methylindene	33.08	79	JN

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

Data File	VB019001.D	Sample Name	5013210
Operator	Skelton	Field ID	616#1
Date Acquired	19 Mar 2005 3:13 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.57 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

4/13/2005 2:28 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 616#1

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50132 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5013210

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019001.D

Level: (low/med) LOW Date Received: 3/7/2005

% Moisture: not dec. Date Analyzed: 3/19/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Client: U.S Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703
Site: Ft. Monmouth
Bldg. 699

Lab ID #: 50129
Sample Received: NA
Analysis Start: 03/10/05
Analysis Completed: 03/10/05
Matrix: AQ

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3113B

TEST PARAMETER: Lead

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)	R.L (ug/L)
Method Blank	NA	ND	10	5.00

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

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

Client: U.S Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703
Site: Ft. Monmouth
Bldg. 699

Lab ID #: 50132
Sample Received: NA
Analysis Start: 03/10/05
Analysis Completed: 03/10/05
Matrix: AQ

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3113B

TEST PARAMETER: Lead

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)	R.L (ug/L)
Method Blank	NA	ND	10	5.00

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

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

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

Lab ID #: 50132
Sample Received: 03/07/05
Analysis Start: 03/10/05
Analysis Completed: 03/10/05

Site: Ft. Monmouth
Bldg. 699

Matrix: AQ

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3113B

TEST PARAMETER: LEAD

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)	R.L (ug/L)
5013202	Field Blank	ND	10	5.00
5013203	Duplicate	ND	10	5.00
5013204	699MW01	ND	10	5.00
5013205	699MW02	ND	10	5.00
5013206	699MW04	ND	10	5.00
5013207	699MW08	ND	10	5.00
5013208	699MW15	ND	10	5.00
5013209	699MW11	ND	10	5.00
5013210	616MW01	ND	10	5.00

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable, NS = No Sample

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

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

Lab ID #: 50129
Sample Received: 03/07/05
Analysis Start: 03/10/05
Analysis Completed: 03/10/05

Site: Ft. Monmouth
Bldg. 699

Matrix: AQ

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3113B

TEST PARAMETER: LEAD

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)	R.L (ug/L)
5012902	Field Blank	ND	10	5.00
5012903	Duplicate	ND	10	5.00
5012904	699MW03	ND	10	5.00
5012905	699MW05	ND	10	5.00
5012906	699MW06	ND	10	5.00
5012907	699MW09	ND	10	5.00
5012908	699MW12	ND	10	5.00
5012909	699MW16	ND	10	5.00

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable, NS = No Sample

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	700	1	1000	700	40	10	-	-
05/24/1995	EMSL	3200	680	-	23000	28000	3800	16000	4.55	4.88	V,Pb
08/16/1995	EMSL	-	890	-	24000	24000	4600	20000	5.7	6.14	V,Pb
04/04/1997	FMETL	ND	ND	ND	12800	35600	ND	33600	4.1	3.04	V,Pb
07/22/1997	FMETL	491	171	4095	27000	17000	5770	38400	6.6	6.35	V,Pb
10/10/1997	FMETL	ND	226	10410	27000	46700	4200	27200	5.7	6.40	V,Pb
01/15/1998	FMETL	286	396	697	23300	25600	3670	12920	1.8	3.75	V,Pb
06/08/1998	FMETL	ND	ND	20220	14600	22700	1800	20320	3.0	3.33	V,Pb
07/29/1998	FMETL	25.64	11.88	230	22227	35840	3025	19010	2.4	5.13	V,Pb
03/11/1999	FMETL	824	433	2695	32400	33700	4413	24000	3.6	3.70	V,Pb
06/28/1999	FMETL	ND	ND	2702	10891	28816	4286	27798	5.3	5.31	V,Pb
09/24/1999	FMETL	ND	670	2046	25967	30423	3413	29787	3.6	4.99	V,Pb
11/30/1999	FMETL	ND	730.59	846.63	14809	9463	3240	8048	2.22	5.38	V,Pb
03/29/2000	FMETL	ND	1609.13	7071.75	43419.32	37817.54	9494.06	61875.37	1.2	3.42	V,Pb
06/16/2000	FMETL	ND	277.82	3380.66	13455.88	21968.78	3149.56	21366.29	3.4	4.00	V,Pb
09/07/2000	FMETL	ND	ND	ND	19837.12	34475.90	2680.73	44310.87	2.6	4.01	V,Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	-	4.31	No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	-	3.19	No Samp
06/19/2001	FMETL	403.62	1293.83	ND	21555.26	47603.78	5050.83	42246.76	6.27	5.50	V, Pb
08/30/2001	FMETL	ND	ND	ND	31531.95	54361.78	8703.65	47334.24	3.57	6.75	V, Pb
12/13/2001	FMETL	-	-	-	-	-	-	-	-	8.75	No Samp
03/25/2002	FMETL	-	-	-	-	-	-	-	-	7.05	No Samp
06/26/2002	FMETL	-	-	-	-	-	-	-	-	6.91	No Samp
09/19/2002	FMETL	ND	ND	ND	3849.07	19493.66	2687.65	23989.23	6.92	5.93	V, Pb
11/26/2002	FMETL	ND	ND	ND	459.71	4023.42	1960.5	14645.8	3.88	4.38	V, Pb
03/17/2003	FMETL	ND	ND	ND	127.89	1648.18	739.45	7477.75	3.63	4.20	V, Pb
06/25/2003	FMETL	ND	ND	ND	318.96	1864.8	637.87	7237.32	6.15	3.81	V, Pb
09/24/2003	FMETL	ND	ND	ND	206.6	1016.66	554.5	3207.39	19.5	7.20	V, Pb
12/08/2003	FMETL	ND	ND	ND	110.32	1310.35	680.75	4430.84	16.4	5.15	V, Pb
03/29/2004	FMETL	ND	ND	ND	156.78	1249.62	709.41	7322.9	10.7	4.61	V, Pb
06/18/2004	FMETL	ND	ND	ND	239.86	4064.39	2619.62	20330.96	19.2	5.35	V, Pb
09/16/2004	FMETL	ND	208.91	ND	376.82	60.22	382.60	624.31	11.3	6.42	V,Pb
12/02/2004	FMETL	ND	ND	ND	34.76	158.27	83.61	993.12	9.62	5.26	V, Pb
03/07/2005	FMETL	ND	482.68	178.66	1783.46	1893.65	1376.76	5158.4	ND	3.55	V,Pb

SOURCE: 0699MW01

Sampling Dates:
05/24/1995 - 03/07/2005

NOTES:

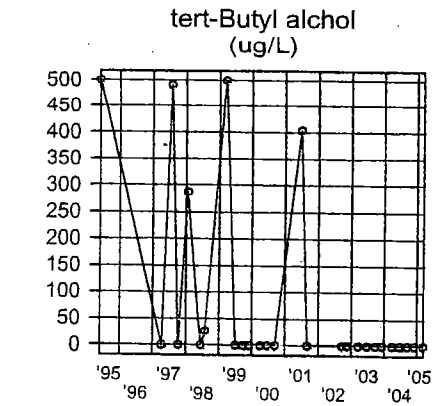
Not sampled 4th Quarter 98due to free product.

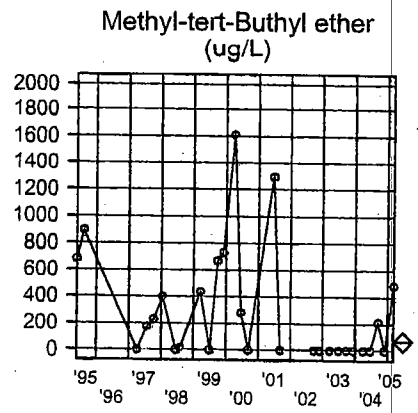
FORT MONMOUTH

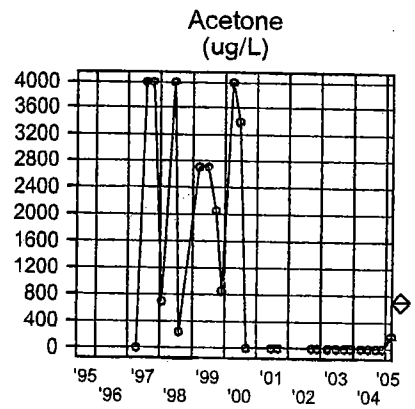
GW MONITORING
Bldg. 699

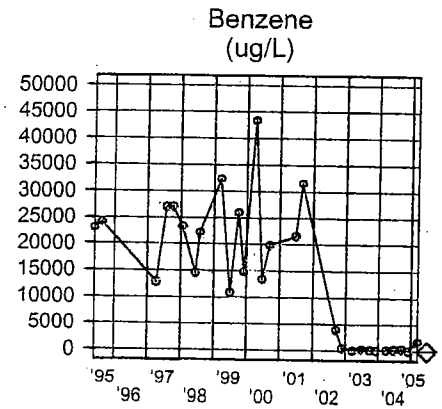
Source 1 of 13

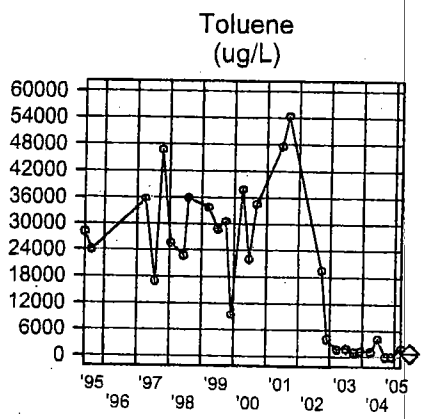
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

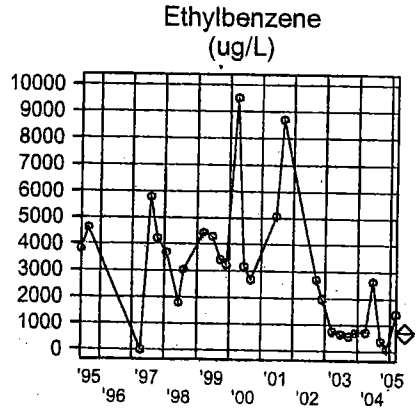


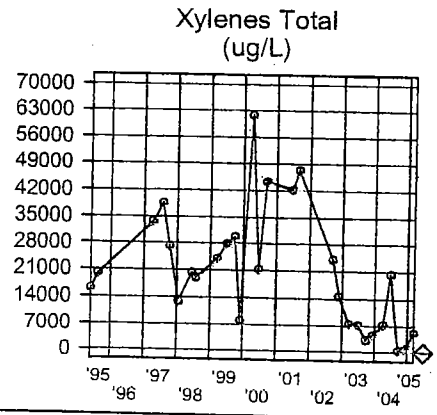


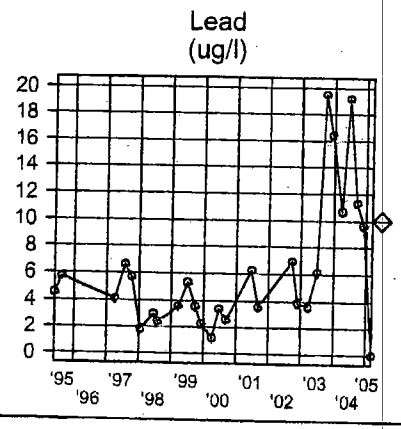


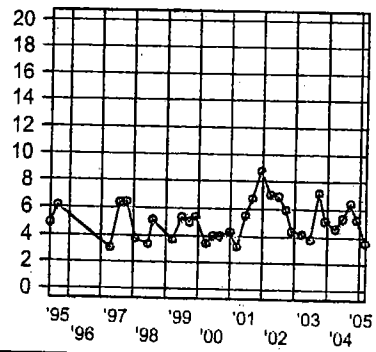












SOURCE: 0699MW01

Sampling Dates:
05/24/1995 - 03/07/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 1 of 13, Graph

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

04-14-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	700	1	1000	700	40	10	-	-
05/24/1995	EMSL	2.0	ND	-	3.7	16	4.3	24	1.0	5.10	
08/16/1995	EMSL	ND	ND	-	ND	ND	ND	ND	ND	6.52	-
11/20/1995	EMSL	ND	ND	-	ND	ND	ND	ND	ND	3.41	C
02/21/1996	EMSL	ND	ND	-	ND	ND	ND	ND	5	-	D
05/22/1996	FMETL	-	-	-	-	-	-	-	-	-	
10/01/1996	FMETL	-	-	-	-	-	-	-	-	-	
01/13/1997	FMETL	-	-	-	-	-	-	-	2.7	-	
04/02/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.1	2.22	V,Pb
07/16/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	20.5	5.65	V,Pb
10/07/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	3.1	6.65	V,Pb
01/09/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	11.6	1.30	V,Pb
06/08/1998	FMETL	ND	ND	8.40	ND	ND	ND	ND	7.1	4.50	V,Pb
07/29/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	7.5	5.77	V,Pb
12/30/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	2.0	8.61	V,Pb
03/10/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	4.1	2.28	V,Pb
06/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	4.8	5.83	V,Pb
09/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	2.3	5.03	V,Pb
11/30/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	1.48	5.37	V,Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	1.8	2.23	V,Pb
06/16/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	10.4	4.50	V,Pb
06/16/2000D	FMETL	ND	ND	ND	ND	ND	ND	ND	12.7	4.50	V,Pb
09/07/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	1.8	4.28	V,Pb
12/28/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	1.5	3.64	V,Pb
03/12/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	2.70	2.14	V, Pb
06/19/2001	FMETL	ND	ND	ND	4.77	24.25	4.29	18.31	2.97	3.81	V,Pb
08/30/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	6.73	V, Pb
12/13/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	8.4	8.30	V,Pb
03/27/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	9.71	1.58	V, Pb
06/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.44	V, Pb
09/19/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	0.94	5.46	V, Pb
11/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	2.20	V, Pb
03/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	1.87	V, Pb
06/25/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	2.21	V, Pb
09/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	11.7	6.75	V, Pb
12/08/2003	FMETL	ND	ND	ND	ND	2.01	ND	3.72	21.4	3.55	V, Pb
03/29/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	15.8	3.45	V,Pb
06/18/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	8.23	5.35	V, Pb
09/16/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	15.1	6.33	V,Pb
12/06/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.19	V, Pb

SOURCE: 0699MW02

Sampling Dates:
05/24/1995 - 03/07/2005

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 2 of 13

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

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	700	1	1000	700	40	10	-	-
03/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	2.47	V,Pb

SOURCE: 0699MW02

Sampling Dates:
05/24/1995 - 03/07/2005

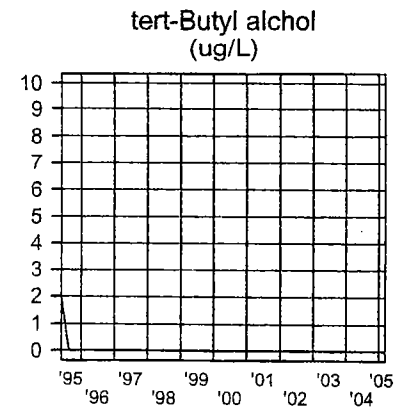
NOTES:

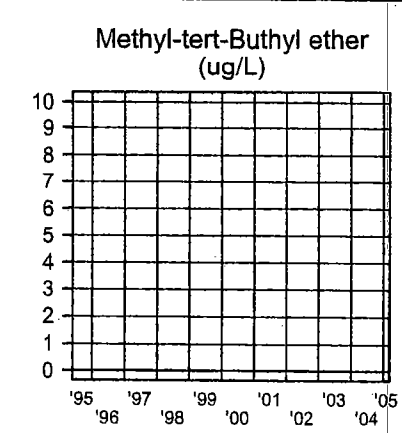
FORT MONMOUTH

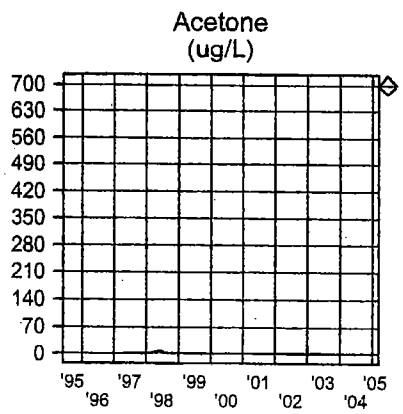
GW MONITORING
Bldg. 699

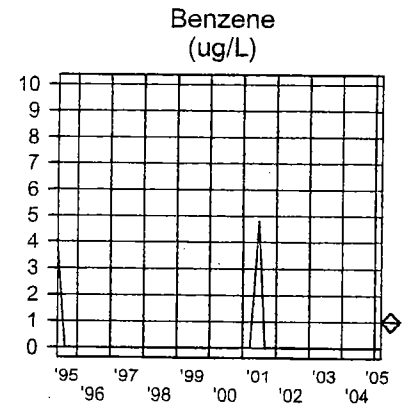
Source 2 of 13 (cont.)

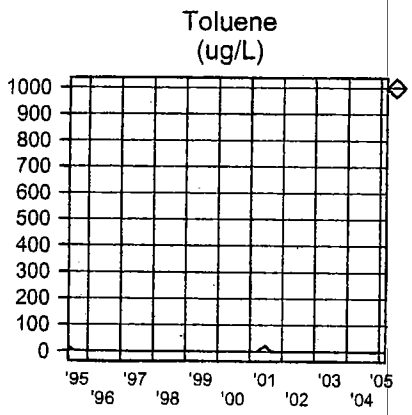
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

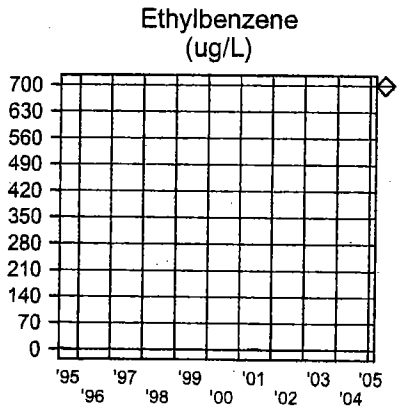


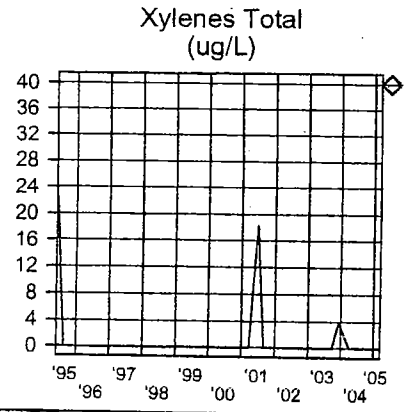


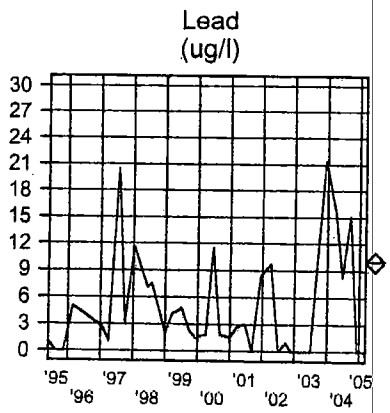


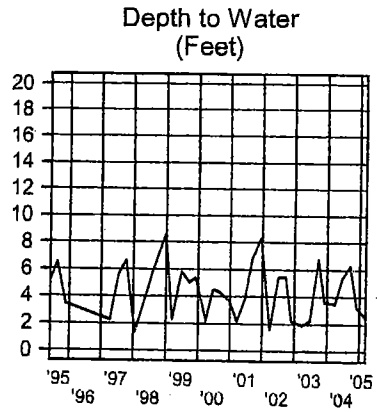












SOURCE: 0699MW02

Sampling Dates:
05/24/1995 - 03/07/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Source 2 of 13, Graph

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

04-14-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	700	1	1000	700	40	10	-	-
05/24/1995	EMSL	1200	350	-	38000	36000	2900	17000	5.1	4.92	A
08/16/1995	EMSL	ND	ND	-	31000	26000	2600	13000	3.0	6.20	
11/20/1995	EMSL	ND	ND	-	18000	17000	1900	12000	ND	4.84	C
02/21/1996	EMSL	ND	230	-	26000	31000	2300	16000	ND	-	D
05/24/1996	FMEL	-	-	-	-	-	-	-	5.1	-	
10/01/1996	FMEL	-	-	-	-	-	-	-	2.6	-	
01/28/1997	FMEL	-	-	-	-	-	-	-	-	-	
04/03/1997	FMETL	ND	ND	ND	1250	2300	295	2970	3.1	2.88	V,Pb
07/21/1997	FMETL	417	176	4100	42800	24500	4180	26400	5.8	6.20	V,Pb
10/09/1997	FMETL	ND	64	791	25000	35000	2300	15600	1.1	6.40	V,Pb
01/15/1998	FMETL	151	57	192	10100	15700	930	2040	0.9	3.70	V,Pb
06/08/1998	FMETL	ND	ND	ND	13200	18200	1100	7800	1.5	3.90	V,Pb
07/28/1998	FMETL	ND	78.1	ND	23700	35800	2000	13200	4.2	5.35	V,Pb
03/10/1999	FMETL	ND	ND	ND	2230	1480	ND	347	1.9	3.57	V,Pb
06/28/1999	FMETL	ND	ND	ND	19287	29138	1930	17478	3.2	5.58	V,Pb
09/25/1999	FMETL	ND	ND	897	11670	19690	1121	14274	2.2	3.77	V,Pb
11/30/1999	FMETL	ND	ND	526	7292	8393	1604	12262	1.11	5.27	V,Pb
03/29/2000	FMETL	ND	ND	ND	31787.92	36819.47	3735.14	29170.61	ND	3.49	V,Pb
06/16/2000	FMETL	ND	ND	ND	14116.04	24012.73	1812.68	14597.89	1.6	4.04	V,Pb
09/07/2000	FMETL	ND	ND	ND	33296.34	52021.62	2901.59	28177.76	ND	4.22	V,Pb
12/27/2000	FMETL	-	-	-	-	-	-	-	-	3.47	No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	-	2.17	No Samp
06/19/2001	FMETL	246.45	93.34	ND	33224.84	38489.48	1693.43	14775.44	7.78	4.97	V,Pb
08/30/2001	FMETL	ND	ND	ND	26703.62	52102.97	4632.23	32157.19	4.70	6.65	V, Pb
12/13/2001	FMETL	ND	ND	ND	14353.47	21072.76	1885.19	23384.35	9.3	7.75	V, Pb
03/27/2002	FMETL	282.02	90.20	701.89	13946.94	15981.11	980.35	5855.38	6.13	5.47	V, Pb
06/26/2002	FMETL	ND	63.08	ND	4399.81	3832.32	1055.62	3728.84	1.70	6.36	V, Pb
09/19/2002	FMETL	ND	ND	ND	6664.83	10186.92	1452.67	8003.46	2.88	5.89	V, Pb
11/26/2002	FMETL	ND	ND	ND	1817.43	3901.24	440.76	6032.4	1.53	4.08	V, Pb
03/17/2003	FMETL	ND	ND	ND	6018.91	11329.00	848.98	13156.38	1.37	3.41	V, Pb
06/25/2003	FMETL	ND	ND	ND	4801.67	13280.92	1300.05	10076.68	7.50	3.35	V, Pb
09/24/2003	FMETL	ND	ND	ND	1591.3	3276.61	487.55	4365.72	9.28	5.23	V, Pb
12/08/2003	FMETL	ND	ND	ND	174.93	359.64	23.85	468.8	7.41	4.46	V, Pb
03/29/2004	FMETL	ND	ND	ND	1285.76	2676.44	320.11	3008.8	7.72	4.15	-
06/18/2004	FMETL	ND	3.69	ND	4052.45	9939.74	1873.95	9190.47	8.17	5.15	V, Pb
09/16/2004	FMETL	ND	ND	ND	2442.22	9207.20	1687.51	11076.35	19.5	6.30	V,Pb
12/02/2004	FMETL	ND	ND	ND	1616.64	5430.07	340.96	4172.96	7.37	4.63	V, Pb
03/04/2005	FMETL	ND	1341.42	24.45	26.73	97.95	194.88	1127.68	ND	3.50	V,Pb

SOURCE: 0699MW03

Sampling Dates:
05/24/1995 - 03/04/2005

NOTES:

FORT MONMOUTH

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Source 3 of 13

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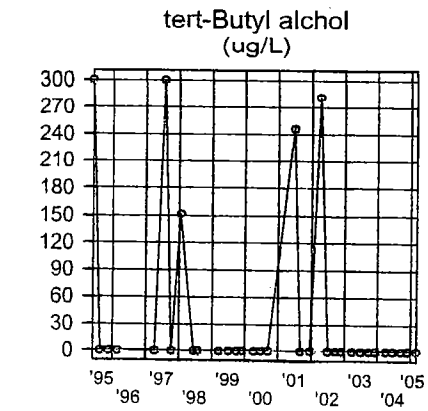

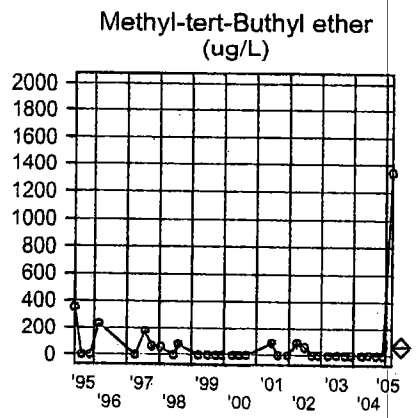

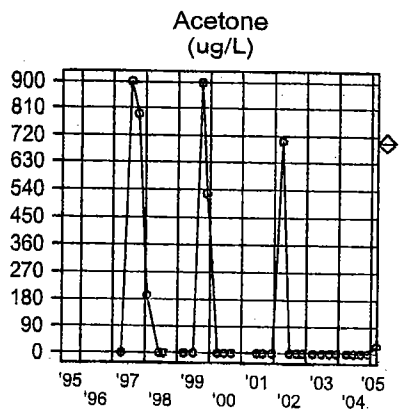

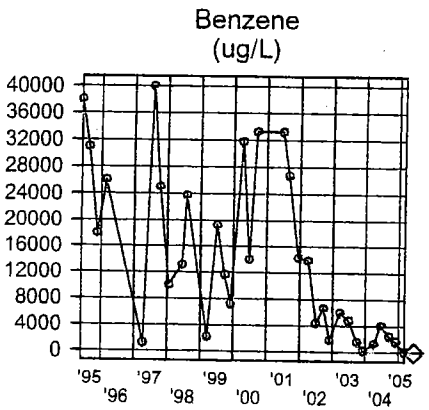

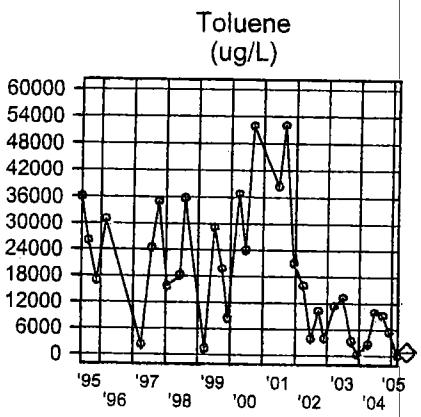

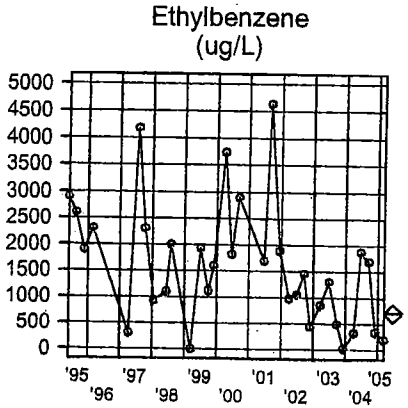

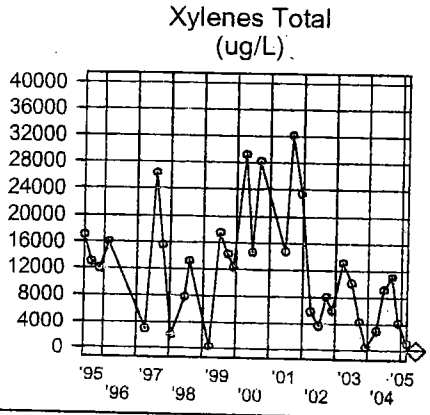

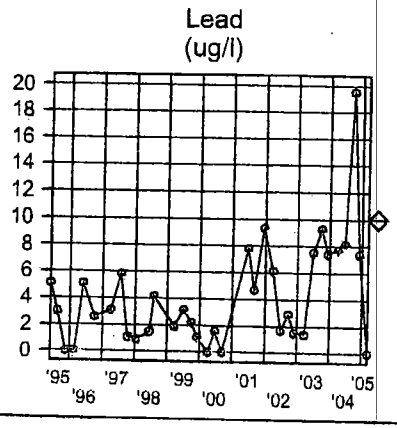

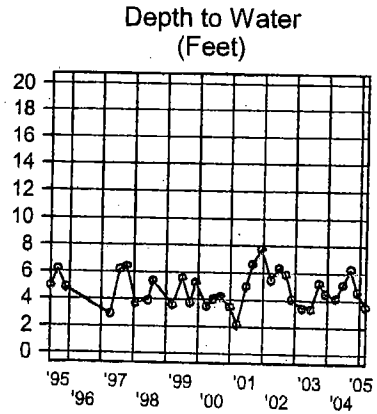

SOURCE: 0699MW03

Sampling Dates:
05/24/1995 - 03/04/2005

LEGEND:

PARAMETER

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NJDEP Criteria

FORT MONMOUTH

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Source 3 of 13, Graph

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

04-14-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	700	1	1000	700	40	10	-	-
02/21/1996	EMSL	ND	2000	-	22000	36000	3100	20000	6	-	D
05/24/1996	FMEL	-	-	-	-	-	-	-	9.5	-	
10/04/1996	FMEL	-	-	-	-	-	-	-	3.6	-	
01/17/1997	FMEL	-	-	-	-	-	-	-	-	-	
04/04/1997	FMETL	ND	ND	ND	29800	47000	90400	106000	6.1	3.00	V,Pb
07/22/1997	FMETL	449	665	393	23900	12000	4200	33400	10.0	5.65	V,Pb
10/09/1997	FMETL	-	-	-	-	-	-	-	-	-	V
01/16/1998	FMETL	ND	314	4500	8320	18500	1560	13400	4.2	No Info.	V,Pb
06/08/1998	FMETL	ND	ND	ND	7500	12000	910	10800	3.4	3.39	V,Pb
07/29/1998	FMETL	ND	305	730	13200	29900	2600	17800	1.1	5.38	V,Pb
03/11/1999	FMETL	175	345	8037	13700	24900	1940	22600	7.0	3.51	V,Pb
06/28/1999	FMETL	ND	462	ND	22845	36112	4050	26428	3.7	5.61	V,Pb
09/25/1999	FMETL	ND	503	2358	18325	35126	2767	28915	2.8	4.37	V,Pb
11/30/1999	FMETL	291	431	302	6786	6875	2749	2306	2.99	5.29	V,Pb
03/29/2000	FMETL	ND	1310.92	8706.05	23876.56	35221.45	3939.02	58860.58	3.8	3.92	V,Pb
06/16/2000	FMETL	ND	423.46	903.95	13205.94	36760.95	3914.24	26070.74	5.1	3.85	V,Pb
09/07/2000	FMETL	ND	ND	ND	20681.84	48031.80	2928.53	47529.43	3.4	4.07	V,Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	-	4.20	No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	-	3.17	No Samp
06/19/2001	FMETL	ND	97.87	ND	36303.01	48404.42	6425.13	38765.03	4.22	5.42	V,Pb
08/30/2001	FMETL	-	-	-	-	-	-	-	-	7.02	No samp
12/13/2001	FMETL	-	-	-	-	-	-	-	-	8.03	No Samp
03/25/2002	FMETL	-	-	-	-	-	-	-	-	7.01	No Samp
06/26/2002	FMETL	ND	392.81	ND	2170.64	17663.04	3784.80	28701.21	8.79	6.91	V, Pb
09/19/2002	FMETL	ND	113.05	ND	952.77	9979.40	1251.22	20801.87	5.22	6.22	V, Pb
11/26/2002	FMETL	ND	179.91	ND	496.67	2464.04	654.3	5406.75	3.52	4.70	-
03/17/2003	FMETL	ND	2223.21	ND	192.35	1663.88	274.67	4233.47	4.88	4.05	V, Pb
06/30/2003	FMETL	ND	470.51	ND	218.88	1069.37	491.96	5098.43	4.78	4.20	V, Pb
09/24/2003	FMETL	ND	242.15	ND	ND	10.59	9.38	93.98	11.6	7.51	V, Pb
12/08/2003	FMETL	ND	374.95	ND	70.34	67.37	51.04	431.42	10.7	4.46	V, Pb
03/29/2004	FMETL	ND	385.18	ND	441.52	1825.02	1063.68	10392.74	21.4	4.79	V,Pb
06/18/2004	FMETL	ND	176.57	ND	283.45	565.18	629.5	5105.97	ND	5.77	-
09/16/2004	FMETL	ND	69.13	ND	65.02	55.95	213.567	429.78	17.8	6.92	V,Pb
12/02/2004	FMETL	ND	435.48	ND	19.26	44.46	40.86	37.78	ND	5.21	V, Pb
03/07/2005	FMETL	ND	ND	ND	449.60	8179.65	122.25	1462.72	ND	4.61	V,Pb

SOURCE: 0699MW04

Sampling Dates:
02/21/1996 - 03/07/2005

NOTES:

FORT MONMOUTH

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Source 4 of 13

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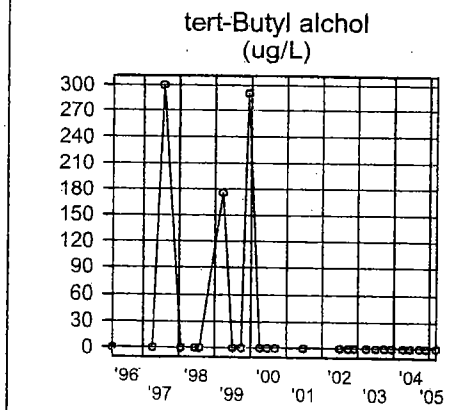

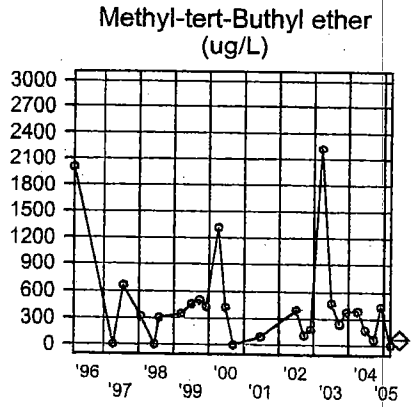

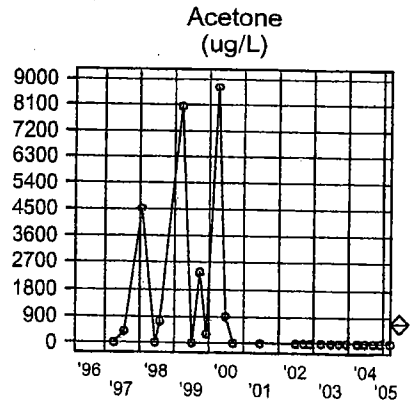

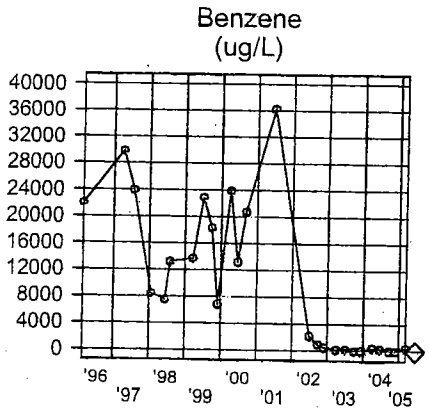

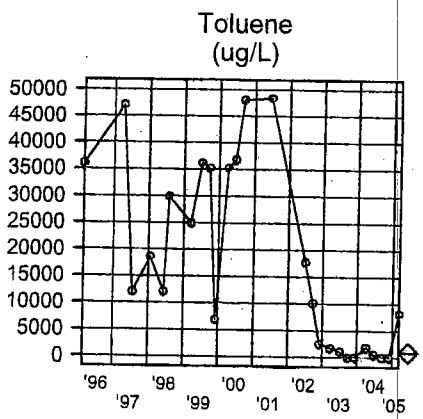

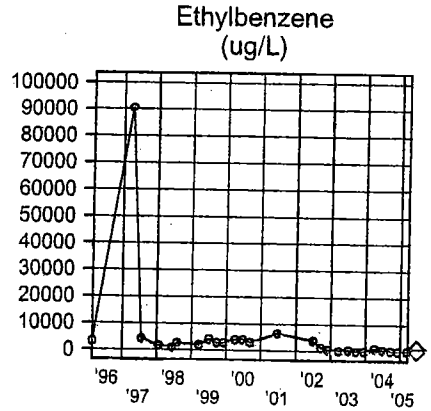

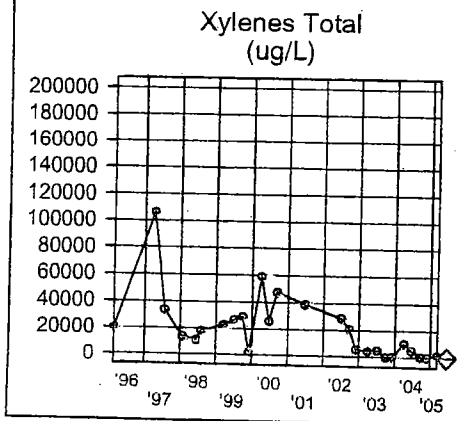

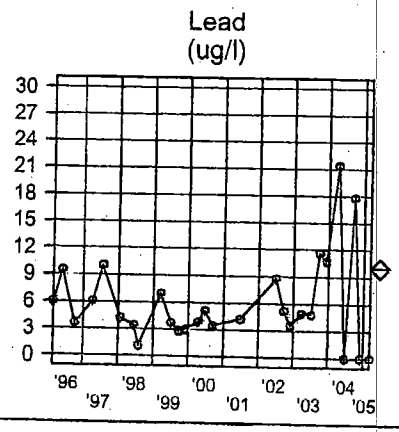

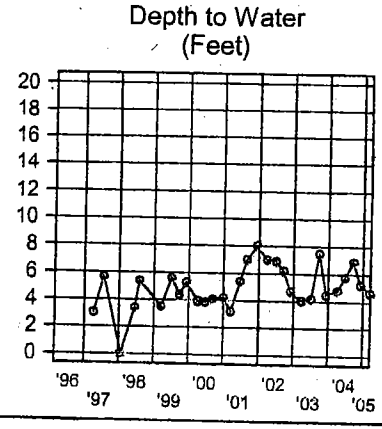

SOURCE: 0699MW04

Sampling Dates:
02/21/1996 - 03/07/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 4 of 13, Graph

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

04-14-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	700	1	1000	700	40	10	-	-
05/24/1995	EMSL	6.2	1.9	ND	10	9.8	2.3	14	1.9	4.77	
08/16/1995	EMSL	4.9	11	ND	8.8	9.6	7.7	19	3.0	6.03	
11/20/1995	EMSL	ND	85	ND	ND	ND	ND	0.5	ND	4.26	C
02/21/1996	EMSL	ND	29	ND	ND	ND	ND	ND	9	-	D
05/24/1996	FMETL	-	-	ND	-	-	-	-	1.9	-	
01/15/1997	FMETL	-	-	ND	-	-	-	-	-	-	
04/03/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.9	2.38	V,Pb
07/21/1997	FMETL	ND	47	ND	ND	ND	ND	ND	8.2	5.40	V,Pb
10/09/1997	FMETL	ND	27	ND	1.4	ND	ND	ND	ND	6.30	V,Pb
01/14/1998	FMETL	ND	7.51	ND	ND	ND	ND	ND	ND	3.30	V,Pb
06/08/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	1.4	4.97	V,Pb
07/28/1998	FMETL	ND	5.42	ND	ND	ND	ND	ND	ND	5.27	V,Pb
12/30/1998	FMETL	ND	2.51	ND	ND	ND	ND	ND	1.2	7.44	V,Pb
03/11/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	9.9	3.04	V,Pb
06/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	1.9	5.42	V,Pb
09/24/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	0.8	V,Pb
11/30/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	1.25	4.82	V,Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.03	V,Pb
06/16/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	2.7	3.97	V,Pb
09/07/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.03	V,Pb
12/28/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	1.9	4.00	V,Pb
03/12/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	2.23	2.91	V, Pb
06/19/2001	FMETL	ND	ND	ND	9.30	16.92	2.22	13.3	1.00	4.21	V,Pb
08/30/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	1.41	6.25	V, Pb
12/13/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	8.3	7.40	V, Pb
03/27/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.05	V, Pb
06/26/2002	FMETL	ND	ND	ND	ND	1.88	ND	5.49	ND	5.34	V, Pb
11/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.23	V, Pb
03/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	2.75	V, Pb
06/25/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	3.46	2.80	V, Pb
09/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.04	5.23	V, Pb
12/08/2003	FMETL	ND	ND	ND	ND	1.77	ND	3.83	6.60	3.90	V, Pb
03/29/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	6.51	3.51	V,Pb
06/18/2004	FMETL	ND	ND	ND	ND	0.99	ND	1.25	11.2	4.54	V, Pb
09/16/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	5.33	5.70	V,Pb
12/02/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.64	V, Pb
03/04/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.03	V,Pb

SOURCE: 0699MW05

Sampling Dates:
05/24/1995 - 03/04/2005

NOTES:

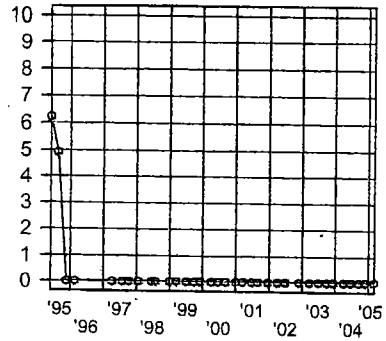
FORT MONMOUTH

GW MONITORING
Bldg. 699

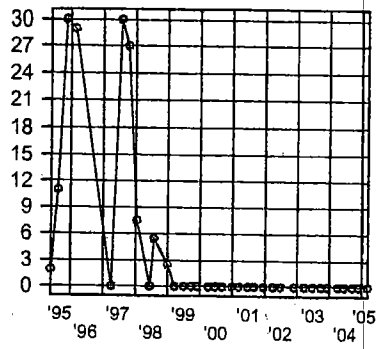
Source 5 of 13

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

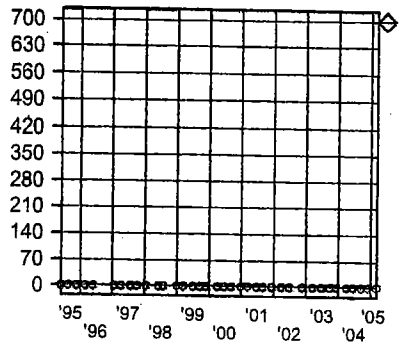
tert-Butyl alchol
(ug/L)



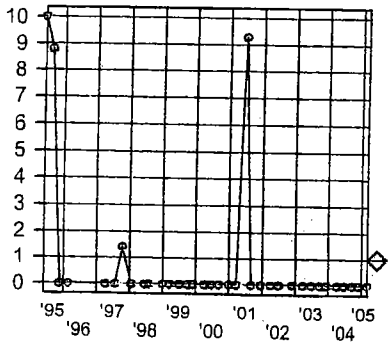
Methyl-tert-Buthyl ether
(ug/L)



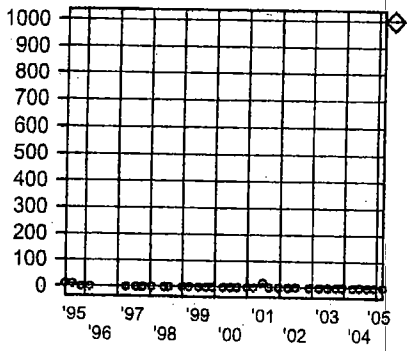
Acetone
(ug/L)



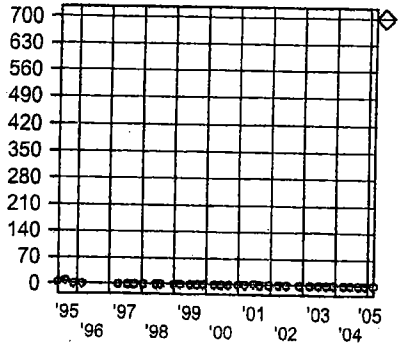
Benzene
(ug/L)



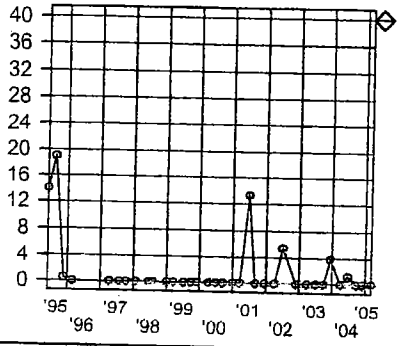
Toluene
(ug/L)



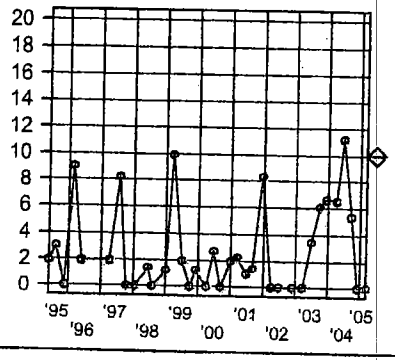
Ethylbenzene
(ug/L)



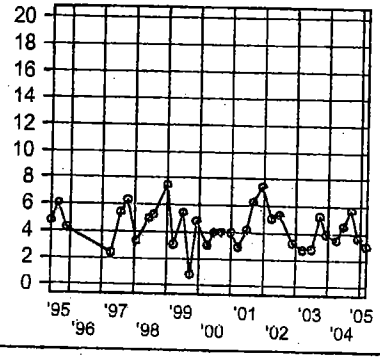
Xylenes Total
(ug/L)



Lead
(ug/l)



Depth to Water
(Feet)



SOURCE: 0699MW05

Sampling Dates:
05/24/1995 - 03/04/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Bldg. 699

Source 5 of 13, Graph

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

04-14-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	700	1	1000	700	40	10	-	-
05/24/1995	EMSL	37	12	-	2000	6800	2000	6200	2.3	5.04	B
08/16/1995	EMSL	ND	150	-	7500	4600	1900	4300	ND	6.43	
11/20/1995	EMSL	ND	ND	-	2100	2400	1200	3500	ND	4.77	C
02/21/1996	EMSL	ND	ND	-	140	560	350	1200	4	-	D
05/23/1996	FMEL	-	-	-	-	-	-	-	2.3	-	
01/17/1997	FMEL	-	-	-	-	-	-	-	-	-	
04/04/1997	FMETL	ND	ND	ND	ND	ND	1.7	3.4	3.9	2.82	V,Pb
07/22/1997	FMETL	ND	ND	170	860	2880	2290	8180	9.7	5.95	V,Pb
10/10/1997	FMETL	ND	26	41	1980	515	1280	2870	ND	6.80	V,Pb
01/15/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	0.7	3.75	V,Pb
06/08/1998	FMETL	ND	3.01	ND	233	90	87	245	1.8	4.21	V,Pb
07/28/1998	FMETL	ND	44.07	ND	1610	756	1430	4160	2.1	5.66	V,Pb
03/10/1999	FMETL	ND	ND	63.5	10.5	3.28	3.81	12.5	ND	3.42	V,Pb
06/28/1999	FMETL	187	179	20.4	3269	1540	1900	5563	236.2	5.89	V,Pb
09/24/1999	FMETL	57.6	42.2	ND	46.2	4.77	384	124	ND	3.85	V,Pb
11/30/1999	FMETL	97.69	68.11	25.66	142	96.10	861	2804	2.2	5.36	V,Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	2.2	3.46	V,Pb
06/16/2000	FMETL	ND	5.92	6.81	23.33	13.58	177.39	269.32	2.6	4.26	V,Pb
09/07/2000	FMETL	ND	7.73	ND	99.61	50.80	1639.13	3491.32	1.2	4.46	V,Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	-	4.15	No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	-	3.05	No Samp
06/19/2001	FMETL	ND	3.70	ND	761.06	546.35	985.71	1544.89	4.73	4.78	V,Pb
08/30/2001	FMETL	ND	ND	ND	1177.19	1684.62	1881.59	4730.19	4.89	6.77	V, Pb
12/13/2001	FMETL	ND	ND	ND	401.96	360.71	366.92	964.27	2.7	7.77	V, Pb
03/27/2002	FMETL	ND	ND	ND	1.09	2.98	3.00	12.48	19.0	5.21	V, Pb
06/26/2002	FMETL	-	-	-	-	-	-	-	-	6.12	No Samp
09/19/2002	FMETL	ND	ND	ND	10.5	9.64	114.43	368.32	1.53	6.15	V, Pb
11/26/2002	FMETL	ND	ND	ND	11.72	3.78	74.15	82.33	ND	3.91	V, Pb
03/17/2003	FMETL	ND	ND	ND	10.72	11.52	95.60	212.63	ND	3.11	V, Pb
06/25/2003	FMETL	ND	ND	ND	1.48	1.88	73.82	73.11	9.87	3.17	V, Pb
09/24/2003	FMETL	ND	ND	ND	23.51	20.87	183.13	459.18	9.96	5.27	V, Pb
12/08/2003	FMETL	ND	ND	ND	ND	0.68	6.25	13.38	28.0	4.50	V, Pb
03/29/2004	FMETL	ND	ND	ND	0.51	ND	10.62	7.63	19.3	4.01	V,Pb
06/18/2004	FMETL	ND	ND	ND	0.79	1.73	10.98	11.43	12.7	5.23	V, Pb
09/16/2004	FMETL	ND	ND	ND	1.63	3.27	73.98	174.46	37.1	6.38	V,Pb
12/02/2004	FMETL	ND	ND	ND	3.70	2.74	75.31	127.8	ND	4.51	V, Pb
03/04/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.33	V,Pb

SOURCE: 0699MW06

Sampling Dates:
05/24/1995 - 03/04/2005

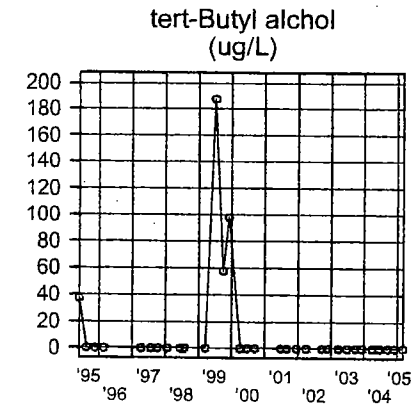
NOTES:

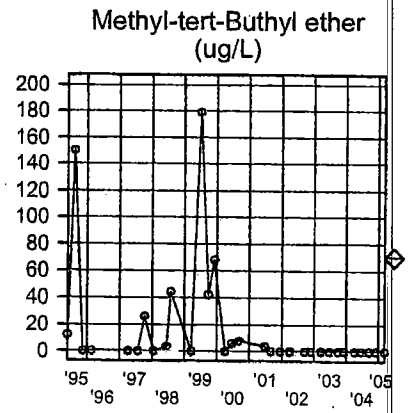
FORT MONMOUTH

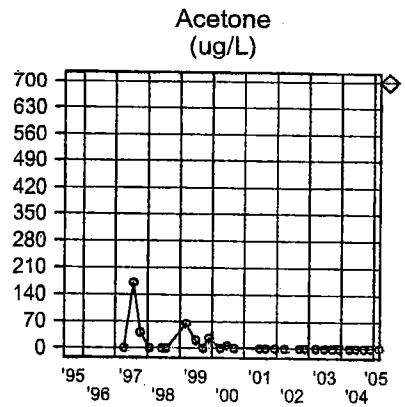
GW MONITORING
Bldg. 699

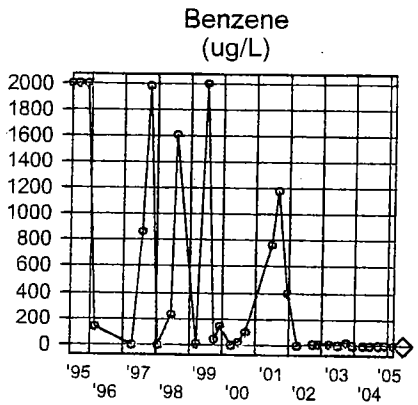
Source 6 of 13

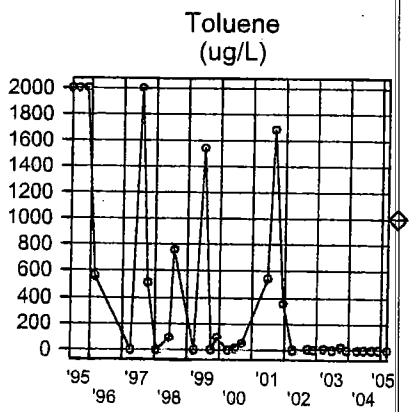
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

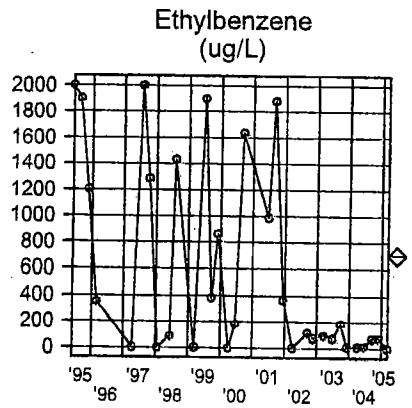


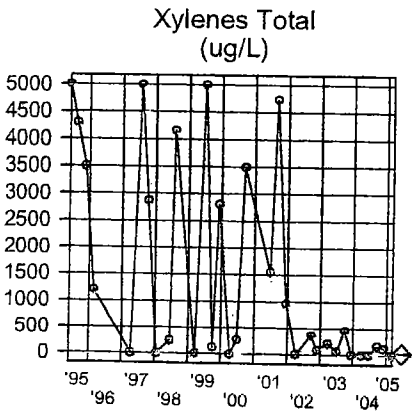


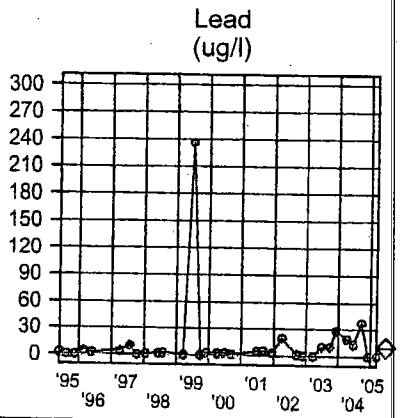


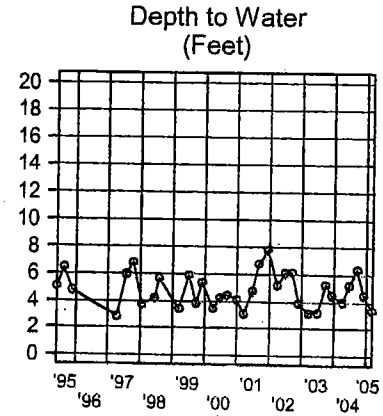












SOURCE: 0699MW06

Sampling Dates:
05/24/1995 - 03/04/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 6 of 13, Graph

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

04-14-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	700	1	1000	700	40	10	-	-
05/24/1995	EMSL	ND	ND	ND	3.4	3.9	0.7	4.4	2.0	5.21	
08/16/1995	EMSL	11	ND	ND	9.3	13	1.6	10	6.2	6.57	
11/20/1995	EMSL	ND	ND	ND	1.2	2.0	ND	4.5	ND	5.32	C
02/21/1996	EMSL	ND	0.7	ND	10	ND	ND	1.3	5	-	D
05/28/1996	FMEL	-	-	ND	-	-	-	-	2.0	-	
10/04/1996	FMEL	-	-	ND	-	-	-	-	ND	-	
01/17/1997	FMEL	-	-	ND	-	-	-	-	-	-	
04/04/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.1	3.40	V,Pb
07/21/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.8	5.48	V,Pb
10/10/1997	FMETL	ND	ND	ND	ND	1.13	ND	12.2	0.5	6.70	V,Pb
01/15/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.20	V,Pb
06/09/1998	FMETL	ND	ND	ND	36	ND	ND	ND	1.3	4.03	V,Pb
07/28/1998	FMETL	ND	ND	ND	2.03	ND	ND	ND	2.1	5.25	V,Pb
12/30/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	8.04	V,Pb
03/10/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.08	V,Pb
06/28/1999	FMETL	ND	ND	ND	1.14	0.94	1.83	3.53	1.8	5.45	V,Pb
09/24/1999	FMETL	ND	ND	ND	1.46	ND	ND	ND	1.8	5.74	V,Pb
11/30/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	0.95	5.67	V,Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	1.7	3.75	V,Pb
06/16/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	1.9	4.28	V,Pb
09/07/2000	FMETL	ND	ND	ND	ND	ND	1.32	1.97	ND	4.34	V,Pb
12/28/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.65	V,Pb
03/12/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	2.68	3.29	V, Pb
06/19/2001	FMETL	ND	ND	ND	1.40	3.24	1.32	3.93	3.11	5.18	V,Pb
06/19/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	2.66	5.18	V,Pb
08/30/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	6.53	V, Pb
08/30/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	1.81	6.53	V, Pb
12/13/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	1.4	8.04	V, Pb
03/27/2002	FMETL	ND	ND	ND	ND	1.39	ND	ND	ND	6.35	V, Pb
06/26/2002	FMETL	ND	ND	ND	ND	2.66	ND	5.61	2.70	6.25	V, Pb
09/19/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	0.97	6.20	V, Pb
11/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.34	V, Pb
03/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	1.31	3.61	V, Pb
06/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.65	V, Pb
09/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.96	V, Pb
12/08/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	0.900	5.25	V, Pb
03/29/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.33	V,Pb
06/18/2004	FMETL	ND	ND	ND	ND	0.68	ND	0.72	ND	5.06	V, Pb
09/16/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	6.35	V,Pb

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SOURCE: 0699MW08

Sampling Dates:
05/24/1995 - 03/07/2005

NOTES:

FORT MONMOUTH

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Source 7 of 13

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

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	700	1	1000	700	40	10	-	-
12/02/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.40	V, Pb
03/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.60	V,Pb

SOURCE: 0699MW08

Sampling Dates:
05/24/1995 - 03/07/2005

NOTES:

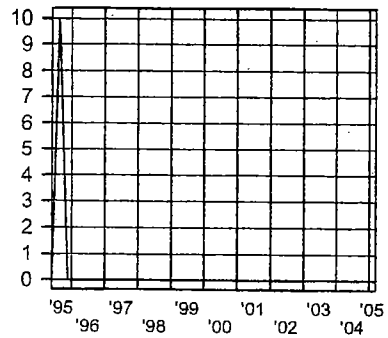
FORT MONMOUTH

GW MONITORING
Bldg. 699

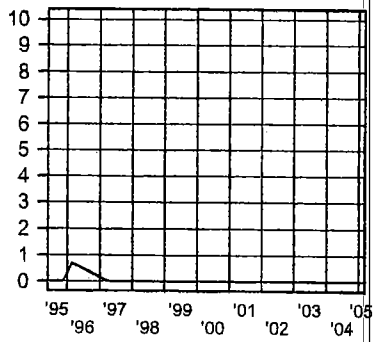
Source 7 of 13 (cont.)

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

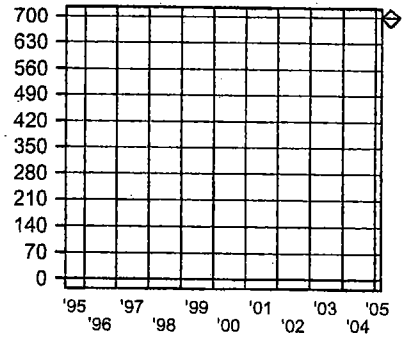
tert-Butyl alchol
(ug/L)



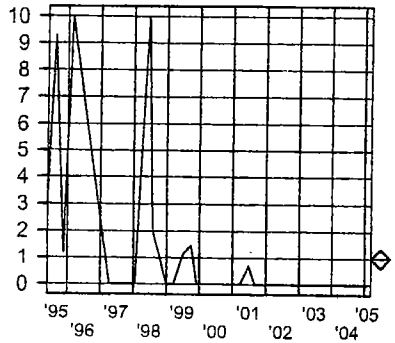
Methyl-tert-Buthyl ether
(ug/L)



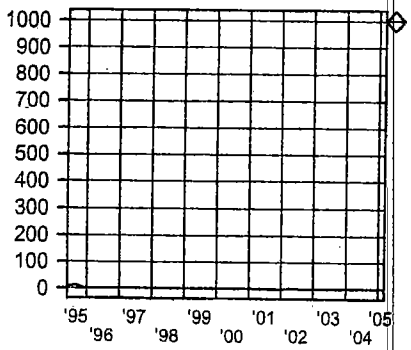
Acetone
(ug/L)



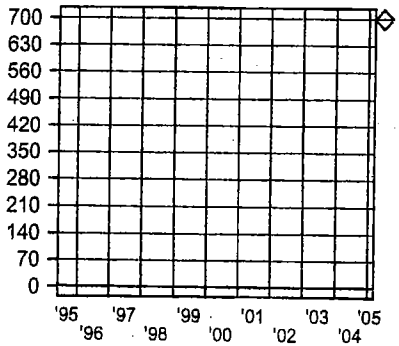
Benzene
(ug/L)



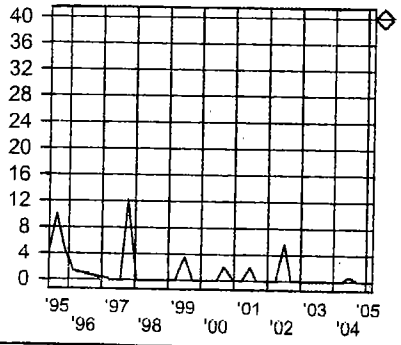
Toluene
(ug/L)



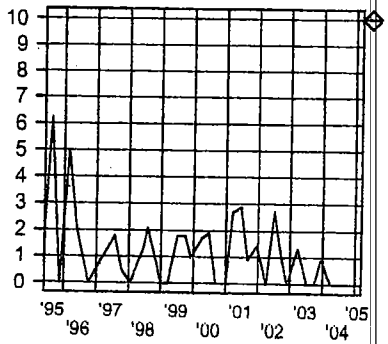
Ethylbenzene
(ug/L)



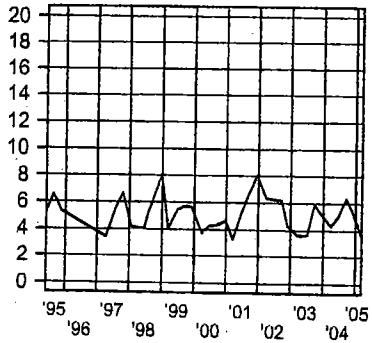
Xylenes Total
(ug/L)



Lead
(ug/l)



Depth to Water
(Feet)



SOURCE: 0699MW08

Sampling Dates:
05/24/1995 - 03/07/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 7 of 13, Graph

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

04-14-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Tetra chloro ethene	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	1	1	1000	700	40	10	-	-
05/24/1995	EMSL	ND	ND	ND	0.6	2.2	ND	2.4	1.9	5.34	
08/16/1995	EMSL	ND	ND	ND	ND	ND	ND	ND	ND	6.92	
11/20/1995	EMSL	ND	0.5	ND	1.6	4.1	0.6	5.0	ND	4.83	C
02/21/1996	EMSL	ND	ND	ND	ND	ND	ND	ND	ND	-	D
05/23/1996	FMEL	-	-	ND	-	-	-	-	1.9	-	
10/01/1996	FMEL	-	-	ND	-	-	-	-	-	-	
01/15/1997	FMEL	-	-	ND	-	-	-	-	-	-	
04/03/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.0	2.41	V,Pb
07/21/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	0.6	6.25	V,Pb
10/09/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.10	V,Pb
01/14/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.70	V,Pb
06/09/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	1.0	4.51	V,Pb
07/28/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	1.1	5.99	V,Pb
12/30/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.93	V,Pb
03/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.47	V,Pb
06/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	1.3	6.14	V,Pb
09/24/1999	FMETL	ND	ND	9.76	ND	ND	ND	ND	1.5	4.97	V,Pb
11/30/1999	FMETL	ND	ND	539	1.5	4.11	ND	5.54	0.86	5.57	V,Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	0.80	3.27	V,Pb
06/16/2000	FMETL	ND	ND	20.65	ND	ND	ND	ND	1.1	4.57	V,Pb
09/07/2000	FMETL	ND	ND	17.00	ND	ND	ND	ND	ND	4.80	V,Pb
12/28/2000	FMETL	ND	ND	5.66	ND	ND	ND	ND	0.9	4.42	V,Pb
03/12/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	1.85	3.07	V, Pb
06/19/2001	FMETL	ND	ND	2.24	ND	1.96	ND	1.27	ND	4.83	V,Pb
08/30/2001	FMETL	ND	ND	4.68	ND	ND	ND	ND	ND	7.07	V, Pb
12/13/2001	FMETL	ND	ND	2.25	ND	ND	ND	ND	ND	7.96	V, Pb
03/25/2002	FMETL	ND	ND	1.81	ND	ND	ND	ND	ND	5.36	V, Pb
06/26/2002	FMETL	ND	ND	2.55	ND	1.27	ND	1.96	0.94	6.25	V, Pb
09/19/2002	FMETL	ND	ND	2.86	ND	ND	ND	ND	ND	6.49	V, Pb
11/26/2002	FMETL	ND	ND	1.30	ND	ND	ND	ND	ND	3.57	V, Pb
03/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.00	V, Pb
06/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.03	V, Pb
09/24/2003	FMETL	ND	ND	1.37	ND	ND	ND	ND	1.84	6.07	V, Pb
12/08/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	3.53	4.74	V, Pb
03/29/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.95	V,Pb
06/18/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.40	V, Pb
09/16/2004	FMETL	ND	ND	0.70	ND	ND	ND	ND	ND	6.60	V,Pb
12/02/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.42	V, Pb
03/04/2005	FMETL	ND	ND	ND	ND	0.92	ND	1.19	ND	3.21	V,Pb

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SOURCE: 0699MW09

Sampling Dates:
05/24/1995 - 03/04/2005

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 8 of 13

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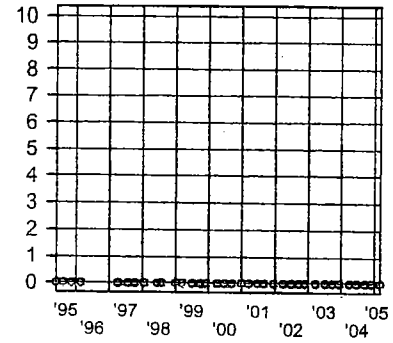
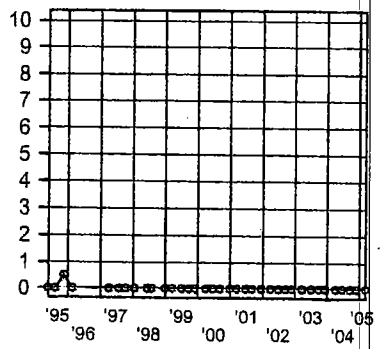
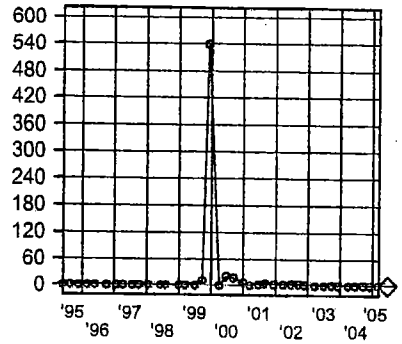
tert-Butyl alchol
(ug/L)



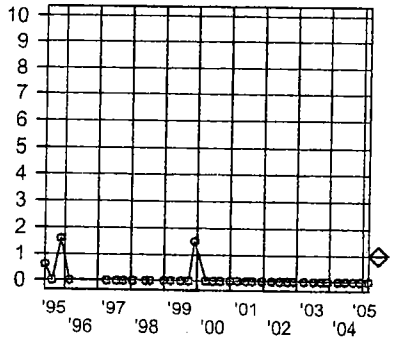
Methyl-tert-Buthyl ether
(ug/L)



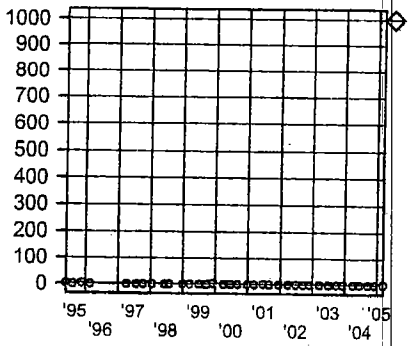
Tetrachloroethene
(ug/L)



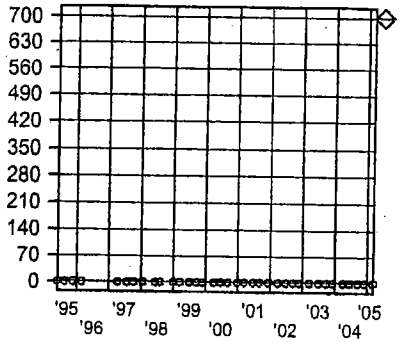
Benzene
(ug/L)



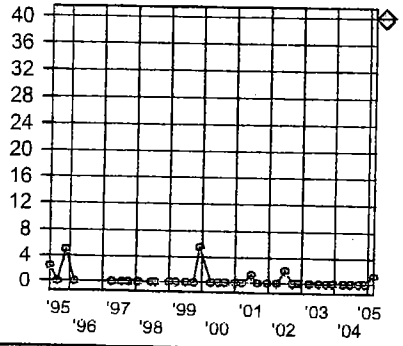
Toluene
(ug/L)



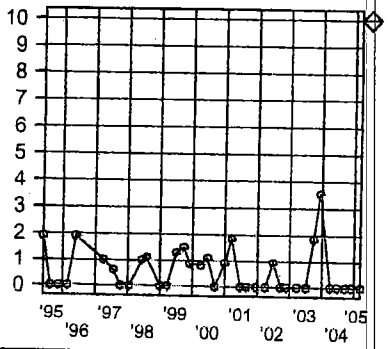
Ethylbenzene
(ug/L)



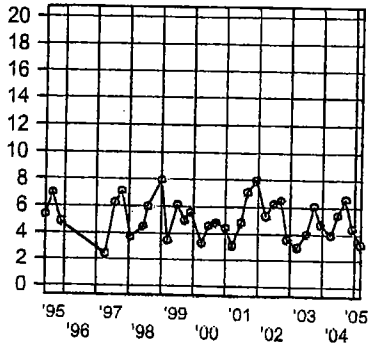
Xylenes Total
(ug/L)



Lead
(ug/l)



Depth to Water
(Feet)



SOURCE: 0699MW09

Sampling Dates:
05/24/1995 - 03/04/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Source 8 of 13, Graph

U.S.ARMY
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	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	700	1	1000	700	40	10	-	-
05/24/1995	EMSL	ND	ND	-	0.9	3.9	0.7	4.6	3.7	5.66	
08/16/1995	EMSL	ND	ND	-	3.2	12	1.8	14	ND	7.09	
11/20/1995	EMSL	19	ND	-	0.6	3.1	0.6	5.0	ND	5.90	C
02/21/1996	EMSL	ND	ND	-	ND	ND	ND	ND	ND	-	D
05/23/1996	FMETL	ND	ND	-	-	-	-	-	1.5	-	
01/15/1997	FMETL	ND	-	-	-	-	-	-	-	-	
04/02/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.1	3.64	V,Pb
07/21/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.8	6.20	V,Pb
10/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.30	V,Pb
01/14/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	0.5	4.80	V,Pb
06/11/1998	FMETL	ND	ND	5.99	ND	ND	ND	ND	0.6	4.69	V,Pb
07/28/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	0.9	5.89	V,Pb
12/30/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	2.8	7.5	V,Pb
03/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.57	V,Pb
06/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	2.4	6.11	V,Pb
09/24/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	1.2	8.13	V,Pb
11/30/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	6.18	V,Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	1.5	4.26	V,Pb
06/16/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	0.9	4.76	V,Pb
09/07/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.02	V,Pb
12/28/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.23	V,Pb
03/12/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	2.51	3.69	V, Pb
06/19/2001	FMETL	ND	ND	ND	ND	1.56	ND	ND	ND	5.64	V,Pb
08/30/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.28	V, Pb
12/13/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	1.0	8.59	V, Pb
03/25/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	6.89	V, Pb
06/26/2002	FMETL	ND	ND	ND	ND	ND	ND	1.34	ND	6.85	V, Pb
09/19/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	1.26	6.95	V, Pb
11/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.90	V, Pb
03/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.15	V, Pb
06/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.26	V, Pb
09/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	6.55	V, Pb
12/08/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.80	V, Pb
03/29/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.90	V,Pb
06/18/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.72	V, Pb
09/16/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.00	V,Pb
12/02/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.73	V, Pb
03/04/2005	FMETL	ND	28.99	ND	ND	0.57	ND	ND	ND	4.04	V,Pb

SOURCE: 0699MW12

Sampling Dates:
05/24/1995 - 03/04/2005

NOTES:

FORT MONMOUTH

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Source 9 of 13

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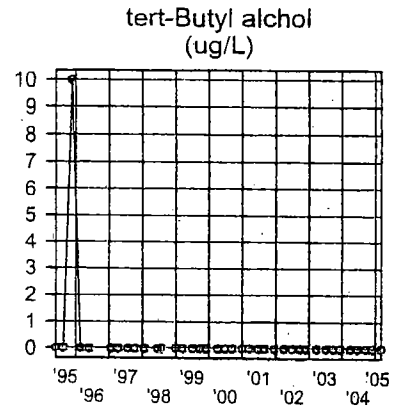

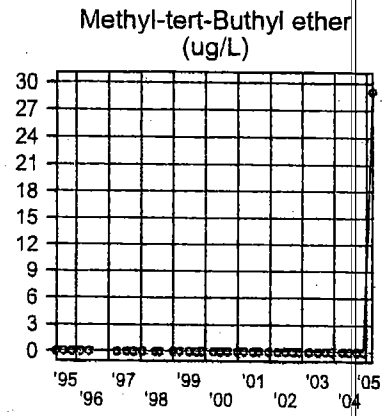

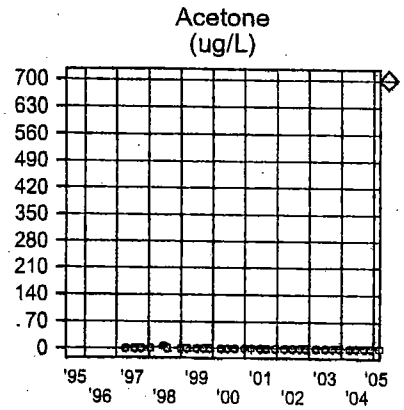

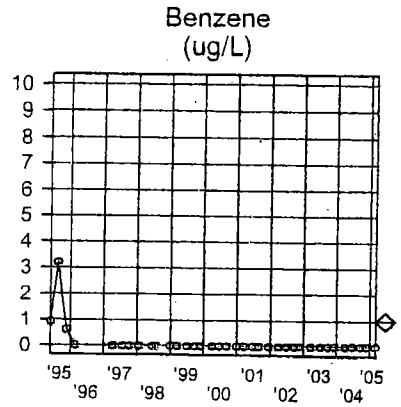

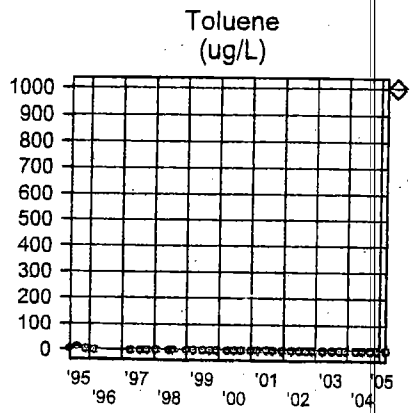

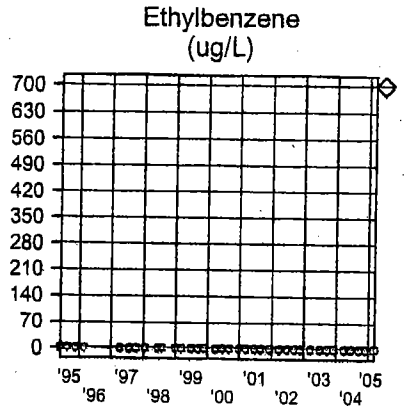

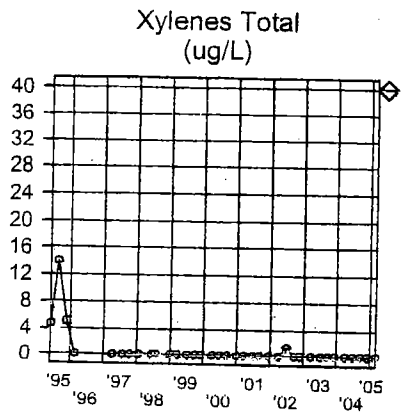

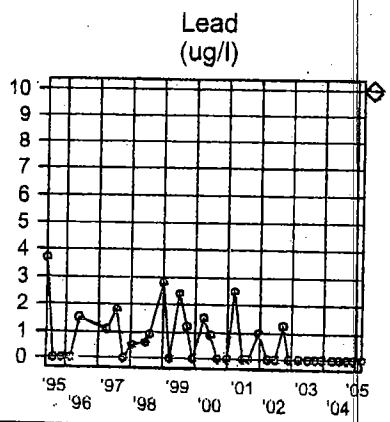

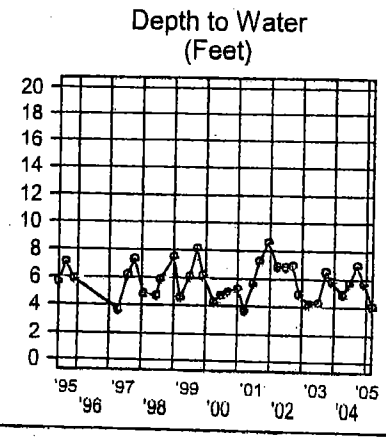

SOURCE: 0699MW12

Sampling Dates:
05/24/1995 - 03/04/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Source 9 of 13, Graph

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FORT MONMOUTH
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	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	700	1	1000	700	40	10	-	-
02/20/1996	EMSL	ND	ND	ND	ND	ND	ND	ND	ND	-	D
05/22/1996	FMEL	ND	ND	ND	ND	-	ND	ND	1.7	-	
10/01/1996	FMEL	ND	ND	ND	ND	-	ND	ND	-	-	
01/13/1997	FMEL	ND	ND	ND	ND	-	ND	ND	2.3	-	
04/02/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.9	2.04	V,Pb
07/16/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	5.5	5.55	V,Pb
10/07/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.90	V,Pb
01/09/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	1.25	V,Pb
06/09/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	26.0	4.58	V,Pb
07/29/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	24.4	5.63	V,Pb
12/30/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	16.6	7.95	V,Pb
03/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	2.3	2.34	V,Pb
06/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	22.9	5.68	V,Pb
09/24/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	5.1	4.81	V,Pb
11/30/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	3.39	5.00	V,Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	2.3	2.21	V,Pb
06/16/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	15.5	4.37	V,Pb
09/07/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	7.0	3.99	V,Pb
09/07/2000D	FMETL	ND	ND	ND	ND	ND	ND	ND	8.1	3.99	V,Pb
12/28/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	4.0	3.73	V,Pb
12/28/2000D	FMETL	ND	ND	ND	ND	ND	ND	ND	4.0	3.73	V,Pb
03/12/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	15.92	2.59	V, Pb
03/12/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	13.38	2.59	V, Pb
06/19/2001	FMETL	ND	ND	ND	1.33	1.82	ND	ND	3.21	3.35	V,Pb
08/30/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	5.82	5.92	V, Pb
12/13/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	3.9	7.21	V, Pb
03/27/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	5.51	1.73	V, Pb
06/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	2.30	4.71	V, Pb
09/19/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	3.35	4.84	V, Pb
11/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	2.14	V, Pb
03/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	2.13	V, Pb
06/25/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	2.91	2.35	V, Pb
09/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	8.96	5.03	V, Pb
12/08/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.74	3.05	V, Pb
03/29/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	15.1	3.05	V,Pb
06/18/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.55	V, Pb
09/16/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	8.41	5.61	V,Pb
12/06/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.09	V, Pb
03/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	2.53	V,Pb

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SOURCE: 0699MW15

Sampling Dates:
02/20/1996 - 03/07/2005

NOTES:

FORT MONMOUTH

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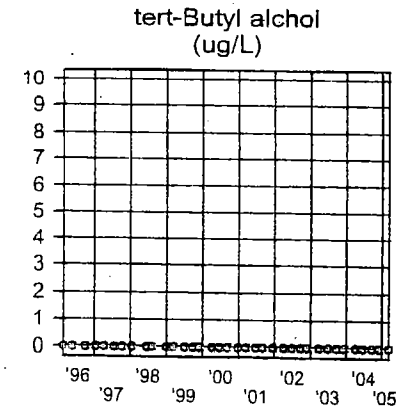
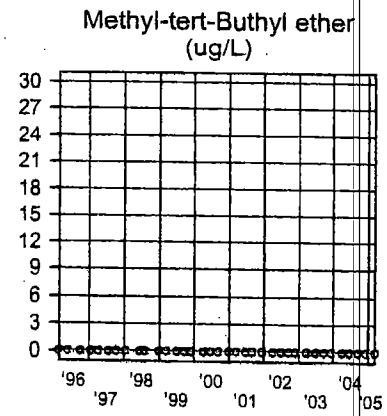
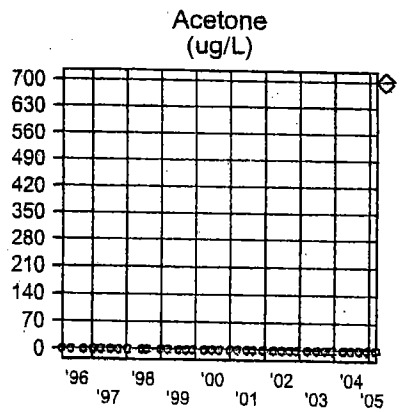
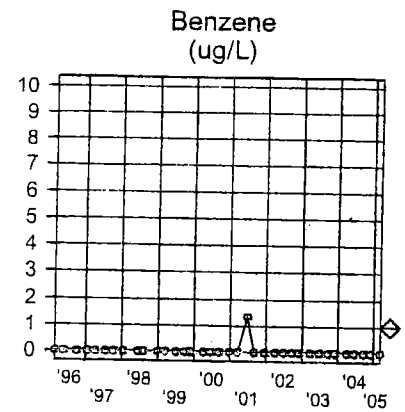
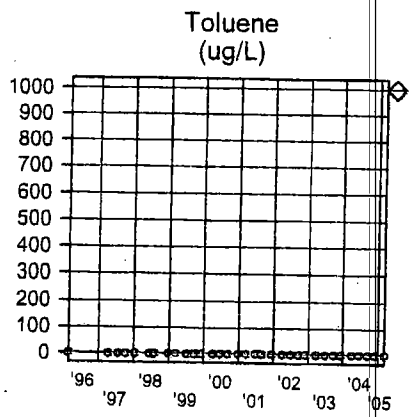
SELFM-PW-EV

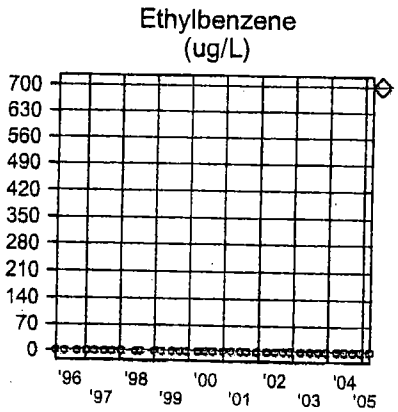


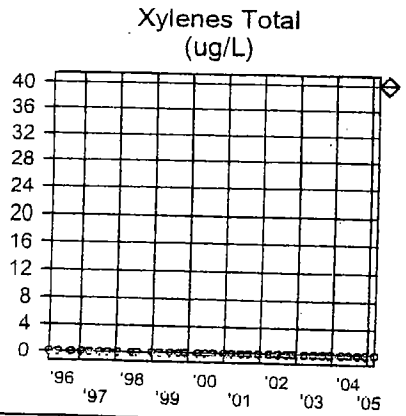


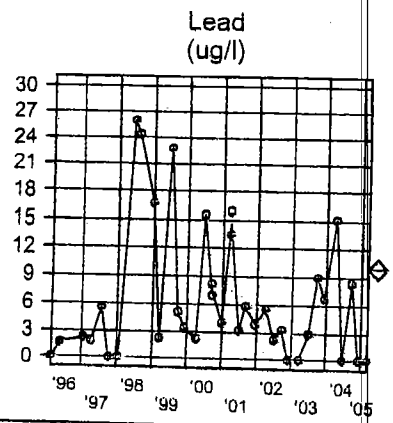


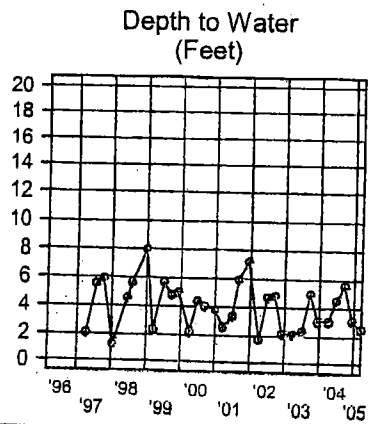












SOURCE: 0699MW15

Sampling Dates:
02/20/1996 - 03/07/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 10 of 13, Graph

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

04-14-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Chloroform	Benzene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	6	1	1	700	40	10	-	-
11/21/1995	EMSL	ND	ND	1.1	ND	ND	ND	ND	ND	5.19	D
02/20/1996	EMSL	ND	ND	17	ND	ND	ND	ND	6	-	
05/23/1996	FMEL	-	-	-	-	-	-	-	1.1	-	
10/01/1996	FMEL	-	-	-	-	-	-	-	-	-	
01/15/1997	FMEL	-	-	-	-	-	-	-	-	-	
04/03/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.0	1.67	V,Pb
07/21/1997	FMETL	ND	ND	14.58	ND	ND	ND	ND	2.7	6.80	V,Pb
10/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.60	V,Pb
01/14/1998	FMETL	ND	ND	5.01	ND	ND	ND	ND	ND	2.80	V,Pb
06/09/1998	FMETL	ND	ND	24.08	ND	ND	ND	ND	1.4	4.55	V,Pb
07/28/1998	FMETL	ND	ND	12.93	ND	ND	ND	ND	ND	6.23	V,Pb
12/30/1998	FMETL	ND	ND	5.06	ND	ND	ND	ND	ND	7.63	V,Pb
03/09/1999	FMETL	ND	ND	13.6	ND	ND	ND	ND	ND	2.54	V,Pb
06/28/1999	FMETL	ND	ND	21.79	ND	ND	ND	ND	ND	6.39	V,Pb
09/24/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	1.2	6.72	V,Pb
11/30/1999	FMETL	ND	ND	6.34	ND	ND	ND	ND	0.92	5.47	V,Pb
03/29/2000	FMETL	ND	ND	ND	ND	5.18	ND	ND	1.9	2.38	V,Pb
06/16/2000	FMETL	ND	ND	16.18	ND	ND	ND	ND	1.3	4.44	V,Pb
09/07/2000	FMETL	ND	ND	4.70	ND	ND	ND	ND	ND	4.96	V,Pb
12/28/2000	FMETL	ND	ND	1.67	ND	ND	ND	ND	ND	3.93	V,Pb
03/12/2001	FMETL	ND	ND	5.98	ND	ND	ND	ND	2.92	2.47	V,Pb
06/19/2001	FMETL	ND	ND	5.31	ND	ND	ND	ND	ND	5.00	V,Pb
08/30/2001	FMETL	ND	ND	1.02	ND	ND	ND	ND	ND	7.26	V, Pb
12/13/2001	FMETL	ND	ND	1.67	ND	ND	ND	ND	ND	7.64	V, Pb
03/25/2002	FMETL	ND	ND	10.09	ND	ND	ND	ND	ND	4.92	V, Pb
06/26/2002	FMETL	ND	ND	10.83	ND	ND	ND	ND	ND	5.79	V, Pb
09/19/2002	FMETL	ND	ND	2.64	ND	ND	ND	ND	ND	7.34	V, Pb
11/26/2002	FMETL	ND	ND	14.38	ND	ND	ND	ND	ND	2.57	V, Pb
03/17/2003	FMETL	ND	ND	31.83	ND	ND	ND	ND	ND	2.34	V, Pb
09/24/2003	FMETL	ND	ND	2.91	ND	ND	ND	ND	ND	6.22	V, Pb
12/08/2003	FMETL	ND	ND	4.25	ND	0.49	ND	ND	ND	4.04	V, Pb
03/29/2004	FMETL	ND	ND	7.31	ND	ND	ND	ND	ND	3.25	V,Pb
06/18/2004	FMETL	ND	ND	3.54	ND	ND	ND	ND	ND	5.23	V, Pb
09/16/2004	FMETL	ND	ND	1.43	ND	0.91	ND	ND	ND	6.51	V,Pb
12/02/2004	FMETL	ND	ND	3.56	ND	1.09	ND	ND	ND	3.62	V, Pb
03/04/2005	FMETL	ND	ND	26.07	ND	ND	ND	ND	ND	2.48	V,Pb

SOURCE: 0699MW16

Sampling Dates:
11/21/1995 - 03/04/2005

NOTES:

FORT MONMOUTH

GW MONITORING
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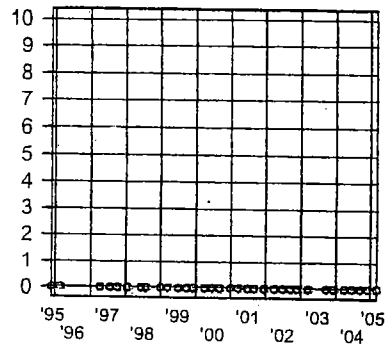
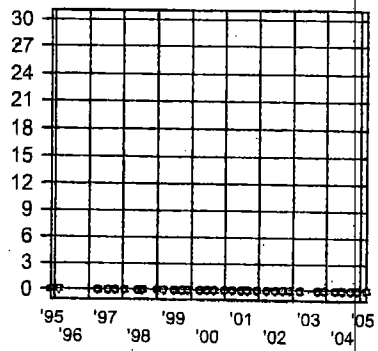
SELFM-PW-EV

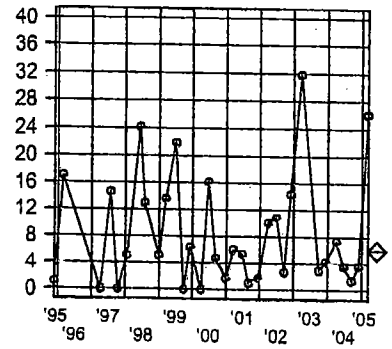
tert-Butyl alchol
(ug/L)



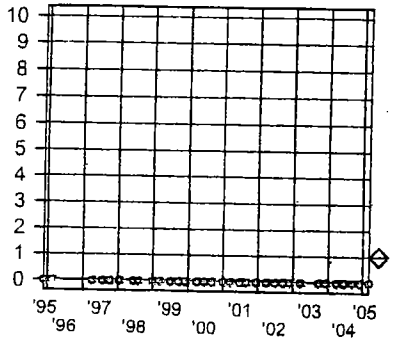
Methyl-tert-Buthyl ether
(ug/L)



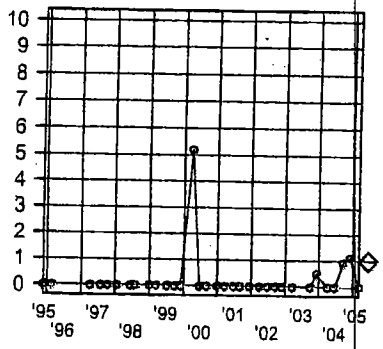
Chloroform
(ug/L)



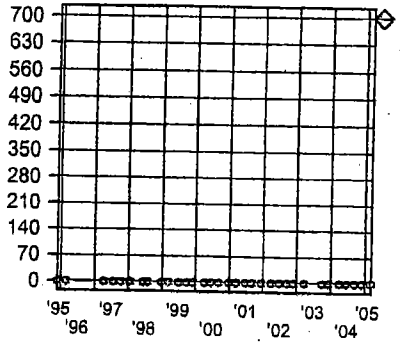
Benzene
(ug/L)



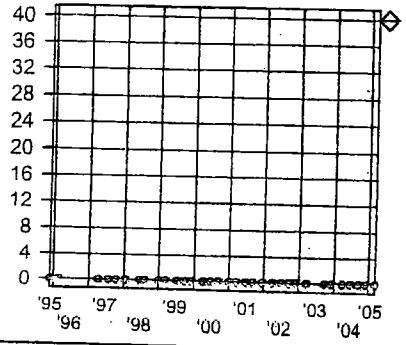
Tetrachloroethene
(ug/L)



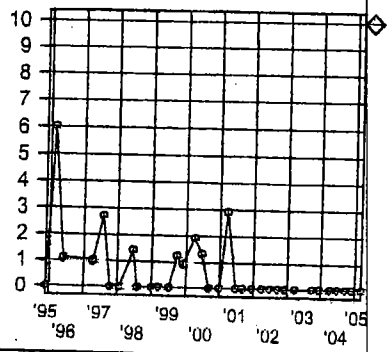
Ethylbenzene
(ug/L)



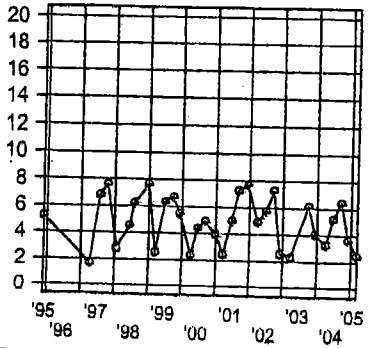
Xylenes Total
(ug/L)



Lead
(ug/l)



Depth to Water
(Feet)



SOURCE: 0699MW16

Sampling Dates:
11/21/1995 - 03/04/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 11 of 13, Graph

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

04-14-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	700	1	1000	700	40	10	-	-
04/04/1997	FMETL	ND	ND	ND	5100	5100	3200	20500	1.8	-	V,Pb
07/22/1997	FMETL	302	512	45	5480	3530	1270	4260	1.3	-	V,Pb
10/10/1997	FMETL	ND	1055	ND	6970	3760	860	8340	4.5	-	V,Pb
01/16/1998	FMETL	ND	268	143	2120	740	540	1750	0.8	-	V,Pb
06/09/1998	FMETL	ND	343	ND	3300	1941	673	1955	1.1	-	V,Pb
07/29/1998	FMETL	ND	770	ND	4110	2500	970	2960	ND	-	V,Pb
03/09/1999	FMETL	257	752	24	3200	1690	802	2200	ND	-	V,Pb
06/28/1999	FMETL	401	837	ND	5122	2353	1112	2747	ND	-	V,Pb
09/24/1999	FMETL	ND	1341	ND	4278	713	495.7	1523	1.1	-	V,Pb
11/30/1999	FMETL	ND	1406	ND	3645	943	353	1419	0.97	-	V,Pb
03/29/2000	FMETL	ND	2806.07	ND	12061.86	6273.83	2191.22	7052.36	ND	-	V,Pb
03/29/2000D	FMETL	ND	2588.87	ND	11385.65	5237.20	2022.58	5914.65	ND	-	V,Pb
06/16/2000	FMETL	ND	918.06	ND	6428.13	2774.91	1380.64	4106.77	0.8	-	V,Pb
09/07/2000	FMETL	ND	903.14	ND	10026.66	3184.30	1973.57	4839.61	ND	-	V,Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	-	-	No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	-	3.50	No Samp
06/19/2001	FMETL	655.03	1588.83	ND	7812.42	2932.54	872.36	3061.34	ND	9.09	V,Pb
08/30/2001	FMETL	ND	1564.32	ND	9061.81	2136.97	1567.48	4786.87	ND	9.23	V,Pb
12/13/2001	FMETL	-	-	-	-	-	-	-	-	-	No Samp
03/27/2002	FMETL	924.29	763.15	ND	8081.71	1897.11	913.41	4405.86	ND	7.90	V,Pb
06/26/2002	FMETL	6.61	263.39	ND	5027.39	2481.36	1162.11	3640.85	ND	7.61	V,Pb
09/19/2002	FMETL	ND	276.39	ND	1656.53	474.38	608.84	4671.57	ND	-	V,Pb
11/26/2002	FMETL	135.41	77.01	ND	306.67	322.73	89.47	389.31	ND	-	V,Pb
03/17/2003	FMETL	ND	424.58	ND	2241.65	3045.43	919.82	3797.12	1.80	11.28	V,Pb
06/25/2003	FMETL	ND	195.72	ND	1609.59	1317.86	633.41	2258.51	1.78	11.33	V,Pb
09/24/2003	FMETL	ND	278.8	ND	210.43	114.53	103.74	385.62	2.68	9.29	V,Pb
12/08/2003	FMETL	ND	231.93	ND	587.03	323.54	237.1	620.81	6.60	-	V,Pb
03/29/2004	FMETL	216.08	196.5	ND	629.17	360.37	424.61	992.38	9.27	-	V,Pb
06/18/2004	FMETL	ND	156.90	81.15	504.50	266.76	274.75	847.26	ND	11.65	V,Pb
09/16/2004	FMETL	ND	ND	ND	250.53	3031.86	2329.45	11744.18	ND	11.13	V,Pb
12/09/2004	FMETL	ND	355.32	ND	708.51	82.82	545.62	826.03	ND	-	V,Pb
03/07/2005	FMETL	ND	ND	20.31	13.98	201.12	124.85	5417.85	ND	-	V,Pb

SOURCE: 0699RW11

Sampling Dates:
04/04/1997 - 03/07/2005

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

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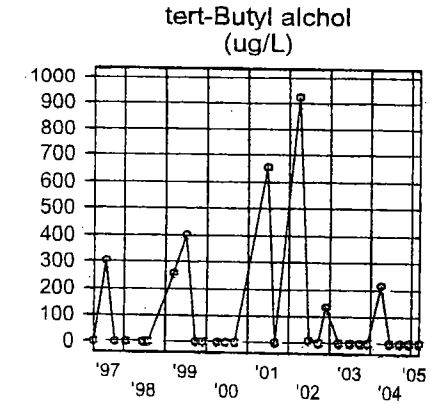
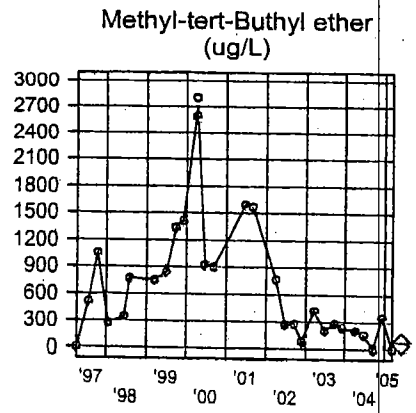
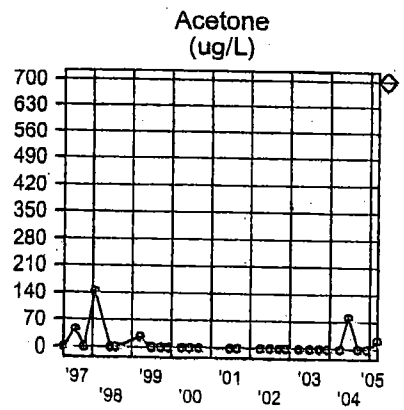
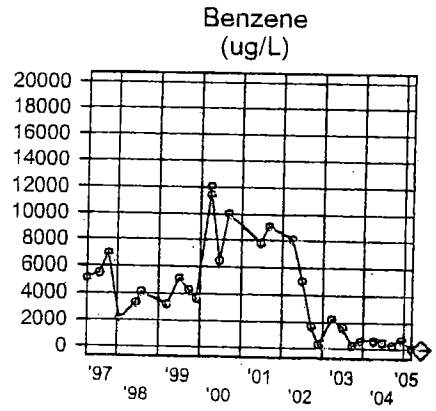
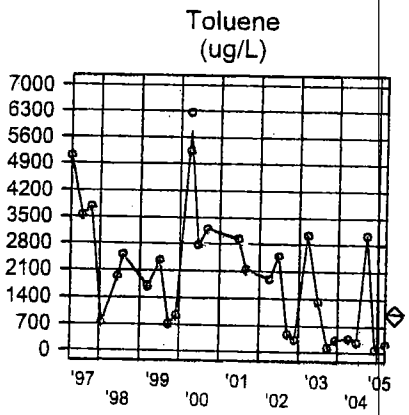
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

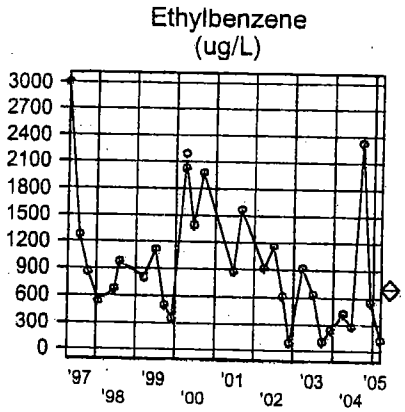


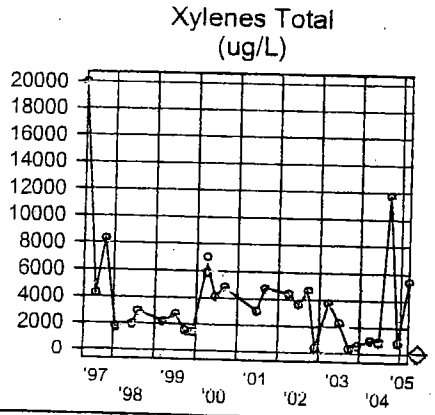


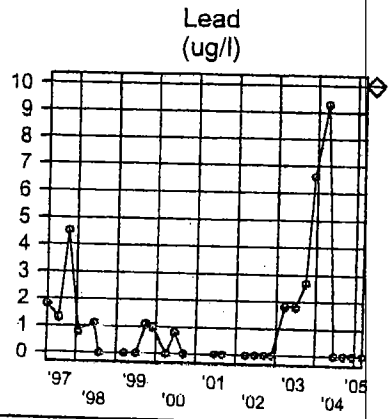


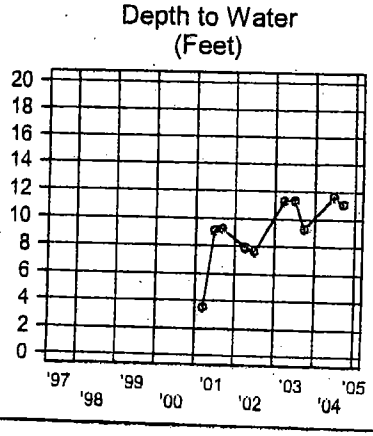












SOURCE: 0699RW11

Sampling Dates:
04/04/1997 - 03/07/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Source 12 of 13, Graph

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

04-14-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	700	1	1000	700	40	10	-	-
04/02/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	-	-	V,Pb
07/16/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.7	7.90	V,Pb
10/07/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	8.10	V,Pb
01/09/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	5.0	2.60	V,Pb
06/09/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	0.7	6.44	V,Pb
07/29/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.84	V,Pb
12/30/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	10.07	V,Pb
03/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	1.2	3.53	V,Pb
06/28/1999	FMETL	ND	ND	ND	ND	ND	ND	3.91	1.4	7.68	V,Pb
09/24/1999	FMETL	ND	ND	ND	ND	ND	ND	19.8	2.0	5.70	V,Pb
11/30/1999	FMETL	ND	ND	ND	ND	ND	ND	6.95	1.54	6.82	V,Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	1.3	3.64	V,Pb
06/16/2000	FMETL	ND	ND	ND	ND	ND	ND	2.27	3.8	6.13	V,Pb
09/07/2000	FMETL	ND	ND	ND	ND	ND	ND	3.00	1.3	6.06	V,Pb
12/28/2000	FMETL	ND	ND	ND	ND	ND	ND	4.35	2.6	5.25	V,Pb
03/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	7.50	4.02	V, Pb
06/19/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	1.75	5.22	V,Pb
08/30/2001	FMETL	ND	ND	ND	ND	ND	ND	1.17	3.45	8.34	V, Pb
12/13/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	3.4	9.68	V, Pb
12/13/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	7.0	9.68	V, Pb
03/27/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.40	V, Pb
06/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	10.1	6.95	V, Pb
09/19/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	5.75	7.26	V, Pb
11/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.57	V, Pb
03/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.11	V, Pb
06/25/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.21	V, Pb
09/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	2.15	7.77	V, Pb
12/06/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	1.60	4.75	V, Pb
03/29/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.52	V,Pb
06/18/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.03	V, Pb
09/16/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	6.71	8.33	V,Pb
12/07/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.72	V, Pb
03/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.23	V,Pb

SOURCE: 0616MW01

Sampling Dates:
04/02/1997 - 03/07/2005

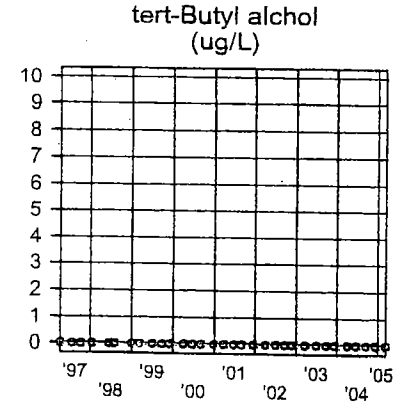
NOTES:

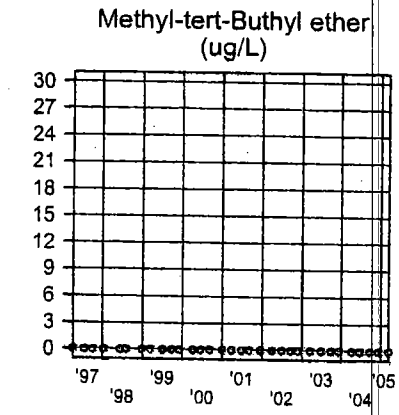
FORT MONMOUTH

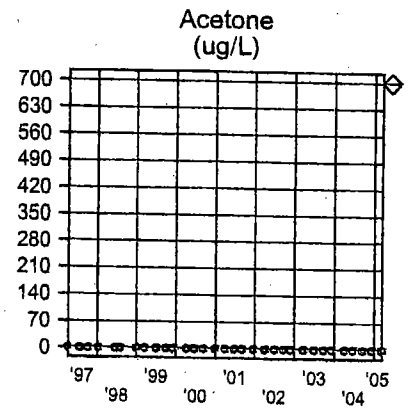
GW MONITORING
Bldg. 699

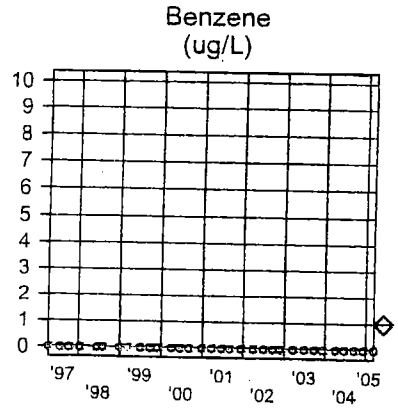
Source 13 of 13

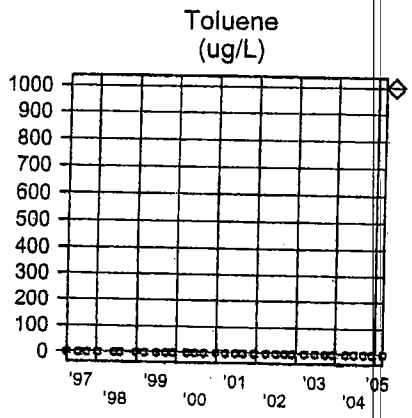
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

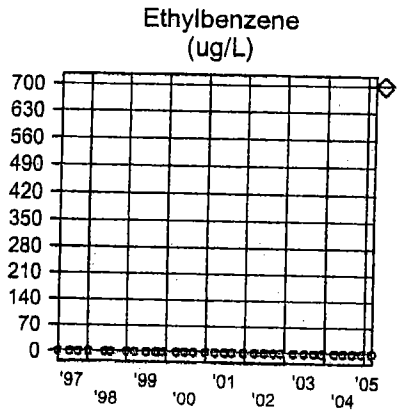


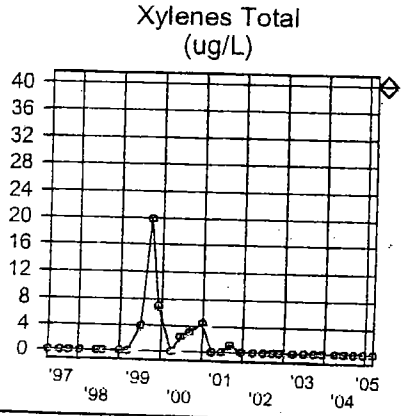


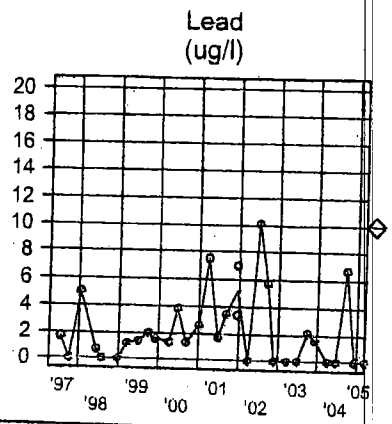


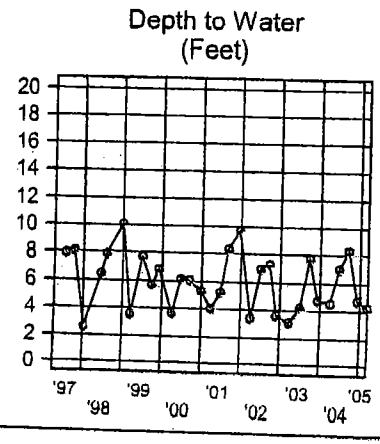












SOURCE: 0616MW01

Sampling Dates:
04/02/1997 - 03/07/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 13 of 13, Graph

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

04-14-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

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

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: Bldg.699,616

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5027712	0616MW01	29-30968	05/26/05
5027704	0699MW01	29-23677-1	05/26/05
5027705	0699MW02	29-23678-9	05/26/05
5026904	0699MW03	29-23674	05/23/05
5027706	0699MW04	29-23680	05/26/05
5027707	0699MW05	29-23806	05/26/05
5027708	0699MW06	29-23809	05/26/05
5027709	0699MW08	29-3811-1	05/26/05
5026905	0699MW09	29-24639	05/23/05
5026906	0699MW12	29-28907	05/23/05
5027710	0699MW15	29-33753	05/26/05
5026907	0699MW16	29-33757	05/23/05
5027711	0699RW11	29-28031	05/26/05
Not Sampled	0600MW01	29-30968	---------

NJDEP Laboratory Certification # 13461

6-16-05
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

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

SAMPLING

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: D Gauenther
Phone: X20986
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 699
2ND QTR 05

Samplers Name / Company: Walter Funk /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	PB							Remarks / Preservation Method
5D2109.01	#699 TRIP BLANK	5-23-05	13:10	AQ	2	X								
.02	#699 FIELD BLANK	5-23-05	14:45	AQ	3	X	X							
.03	#699 DUP	5-23-05	15:40	AQ	3	X	X							
.04	#699 MW#3	5-23-05	15:40	AQ	3	X	X							
.05	#699 MW#9	5-23-05	15:10	AQ	3	X	X							
.06	#699 MW#12	5-23-05	15:30	AQ	3	X	X							
.07	#699 MW#16	5-23-05	15:20	AQ	3	X	X							

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	5-23-05 1405	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: D. Leather
Phone: 420986
( )DERA ( )OMA ( )Other:_____

Project No: 699 Qtrly
Location: 2ND QTR 05

Samplers Name / Company: Walter Funk /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	PB	VOA +15							Remarks / Preservation Method
50277 .01	699 TRIP BLANK	5-26-05	9:15	AQ	2		X							
.02	699 FIELD BLANK	5-26-05	11:15	AQ	3	X	X							
.03	699 DUP	5-26-05	15:30	AQ	3	X	X							
.04	699 MW #1	5-26-05	14:50	AQ	3	X	X							
.05	699 MW #2	5-26-05	12:10	AQ	3	X	X							
.06	699 MW #4*	5-26-05	15:30	AQ	3	X	X							
.07	699 MW #5	5-26-05	15:40	AQ	3	X	X							
.08	699 MW #6	5-26-05	15:20	AQ	3	X	X							
.09	699 MW #8	5-26-05	14:30	AQ	3	X	X							
.10	699 MW #15	5-26-05	11:30	AQ	3	X	X							
.11	699 RW #11	5-26-05	15:10	AQ	3	X	X							
.12	699 MW #1	5-26-05	12:00	AQ	3	X	X							

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	5-26-05 14:15	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

print legibly

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW01
NJDEP ID #: 29-23677-1
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 05/26/05
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.46 ft
DEPTH OF WELL: 14.31 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 9.85 ft
(9.85) X .65 X 3 = 19:20
GALLONS OF H_2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:20
pH 3.68 su — TEMP 16.56 °C
DISSOLVED O_2 2.58 mg/L — SPECIFIC CONDUCTIVITY 20952.0 µs/cm

PURGE END TIME: 14:43
pH 3.29 su — TEMP 15.97 °C
DISSOLVED O_2 2.38 mg/L — SPECIFIC CONDUCTIVITY 33027.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.43 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 14:50
pH 3.49 su — TEMP 15.94 °C
DISSOLVED O_2 3.02 mg/L — SPECIFIC CONDUCTIVITY 33218.0 µs/cm

SAMPLE END TIME: 14:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW02
NJDEP ID #: 29-23678-9
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 05/26/05
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.69 ft
DEPTH OF WELL: 16.30 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 11.61 ft
(11.61) X .65 X 3 = 22.63
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:25
pH 4.31 su — TEMP 11.94 °C
DISSOLVED O_2 0.59 mg/L — SPECIFIC CONDUCTIVITY 6233.0 µs/cm

PURGE END TIME: 12:05
pH 3.93 su — TEMP 12.10 °C
DISSOLVED O_2 3.31 mg/L — SPECIFIC CONDUCTIVITY 6304.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.38 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 12:10
pH 4.41 su — TEMP 11.82 °C
DISSOLVED O_2 0.79 mg/L — SPECIFIC CONDUCTIVITY 6458.0 µs/cm

SAMPLE END TIME: 12:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW03
NJDEP ID #: 29-23679
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 05/23/05
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.43 ft
DEPTH OF WELL: 14.15 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 9.72 ft
(9.72) X .65 X 3 = 18.95
GALLONS OF H_2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: .023 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 14:09
pH 4.28 su — TEMP 16.46 °C
DISSOLVED O_2 1.54 mg/L — SPECIFIC CONDUCTIVITY 34509.0 µs/cm

PURGE END TIME: 15:32
pH 3.71 su — TEMP 16.31 °C
DISSOLVED O_2 1.41 mg/L — SPECIFIC CONDUCTIVITY 41799.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.47 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 15:40
pH 4.29 su — TEMP 16.08 °C
DISSOLVED O_2 0.18 mg/L — SPECIFIC CONDUCTIVITY 42211.0 µs/cm

SAMPLE END TIME: 15:40

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW04
NJDEP ID #: 29-23680
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 05/26/05
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.16 ft
DEPTH OF WELL: 18.09 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 12.93 ft
(12.93) X .65 X 3 = 25.21
GALLONS OF H_2O TO BE PURGED: 25 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.04 ppm

PURGE START TIME: 13:33
pH 4.51 su — TEMP 16.80 °C
DISSOLVED O_2 3.44 mg/L — SPECIFIC CONDUCTIVITY 2269.0 µs/cm

PURGE END TIME: 15:22
pH 4.82 su — TEMP 15.65 °C
DISSOLVED O_2 2.61 mg/L — SPECIFIC CONDUCTIVITY 7865.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.57 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 25 gal

SAMPLE START TIME: 15:30
pH 5.32 su — TEMP 15.69 °C
DISSOLVED O_2 3.07 mg/L — SPECIFIC CONDUCTIVITY 8385.0 µs/cm

SAMPLE END TIME: 15:30

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW05
NJDEP ID #: 29-23808
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 05/26/05
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 3.96 ft
DEPTH OF WELL: 14.69 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 10.73 ft
(10.73) X .65 X 3 = 20.92
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 14:01
pH 4.23 su — TEMP 14.64 °C
DISSOLVED O_2 2.48 mg/L — SPECIFIC CONDUCTIVITY 22478.0 µs/cm

PURGE END TIME: 15:32
pH 4.05 su — TEMP 15.50 °C
DISSOLVED O_2 2.86 mg/L — SPECIFIC CONDUCTIVITY 25532.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 4.75 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 15:40
pH 3.46 su — TEMP 15.45 °C
DISSOLVED O_2 1.88 mg/L — SPECIFIC CONDUCTIVITY 25512.0 µs/cm

SAMPLE END TIME: 15:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW06
NJDEP ID #: 29-23809
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 05/26/05
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 3.96 ft
DEPTH OF WELL: 14.20 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 10.24 ft
(10.24) X .65 X 3 = 19.96
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:49
pH 4.41 su — TEMP 13.97 °C
DISSOLVED O_2 2.33 mg/L — SPECIFIC CONDUCTIVITY 6858.0 µs/cm

PURGE END TIME: 15:16
pH 4.08 su — TEMP 14.04 °C
DISSOLVED O_2 0.50 mg/L — SPECIFIC CONDUCTIVITY 9041.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.57 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 15:20
pH 4.07 su — TEMP 14.03 °C
DISSOLVED O_2 0.32 mg/L — SPECIFIC CONDUCTIVITY 8943.0 µs/cm

SAMPLE END TIME: 15:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW08
NJDEP ID #: 29-3811-1
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 05/26/05
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.55 ft
DEPTH OF WELL: 13.38 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 8.83 ft
(8.83) X .65 X 3 = 17.21
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.03 ppm

PURGE START TIME: 13:10
pH 2.98 su — TEMP 16.71 °C
DISSOLVED O_2 3.94 mg/L — SPECIFIC CONDUCTIVITY 18643.0 µs/cm

PURGE END TIME: 14:24
pH 2.74 su — TEMP 16.56 °C
DISSOLVED O_2 3.39 mg/L — SPECIFIC CONDUCTIVITY 28251.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.13 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 14:30
pH 2.60 su — TEMP 16.44 °C
DISSOLVED O_2 3.10 mg/L — SPECIFIC CONDUCTIVITY 29598.0 µs/cm

SAMPLE END TIME: 14:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW09
NJDEP ID #: 29-24639
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 05/23/05
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.33 ft
DEPTH OF WELL: 12.98 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 8.65 ft
(8.65) X .65 X 3 = 16.86
GALLONS OF H2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:46
pH 2.41 su — TEMP 11.00 °C
DISSOLVED O_2 1.83 mg/L — SPECIFIC CONDUCTIVITY 3558.0 µs/cm

PURGE END TIME: 15:00
pH 3.28 su — TEMP 11.72 °C
DISSOLVED O_2 1.71 mg/L — SPECIFIC CONDUCTIVITY 5547.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 4.88 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 13:10
pH 2.39 su — TEMP 11.49 °C
DISSOLVED O_2 0.51 mg/L — SPECIFIC CONDUCTIVITY 5473.0 µs/cm

SAMPLE END TIME: 13:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW12
NJDEP ID #: 29-28907
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 05/23/05
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 5.09 ft
DEPTH OF WELL: 14.67 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 9.58 ft
(9.58) X .65 X 3 = 18.68
GALLONS OF H_2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:57
pH 2.81 su — TEMP 15.13 °C
DISSOLVED O_2 2.06 mg/L — SPECIFIC CONDUCTIVITY 5534.0 µs/cm

PURGE END TIME: 15:20
pH 2.71 su — TEMP 15.69 °C
DISSOLVED O_2 2.54 mg/L — SPECIFIC CONDUCTIVITY 5678.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.05 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 15:30
pH 2.75 su — TEMP 15.79 °C
DISSOLVED O_2 2.05 mg/L — SPECIFIC CONDUCTIVITY 5714.0 µs/cm

SAMPLE END TIME: 15:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW15
NJDEP ID #: 29-33753
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 05/26/05
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 3.95 ft
DEPTH OF WELL: 13.75 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 9.80 ft
(9.80) X .65 X 3 = 19.11
GALLONS OF H2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:03
pH 4.44 su — TEMP 11.26 °C
DISSOLVED O_2 1.16 mg/L — SPECIFIC CONDUCTIVITY 1437.0 µs/cm

PURGE END TIME: 11:26
pH 5.21 su — TEMP 11.74 °C
DISSOLVED O_2 3.91 mg/L — SPECIFIC CONDUCTIVITY 1435.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.54 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 11:30
pH 4.63 su — TEMP 11.32 °C
DISSOLVED O_2 2.58 mg/L — SPECIFIC CONDUCTIVITY 1354.0 µs/cm

SAMPLE END TIME: 11:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW16
NJDEP ID #: 29-33757
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 05/23/05
WEATHER: Cloudy and cool
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 3.72 ft
DEPTH OF WELL: 13.72 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 10.00 ft
(10.00) X .65 X 3 = 19.5
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:36
pH 2.91 su — TEMP 10.78 °C
DISSOLVED O_2 0.56 mg/L — SPECIFIC CONDUCTIVITY 5997.0 µs/cm

PURGE END TIME: 15:03
pH 2.71 su — TEMP 11.19 °C
DISSOLVED O_2 2.75 mg/L — SPECIFIC CONDUCTIVITY 6194.0 µs/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 5.09 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 15:20
pH 2.56 su — TEMP 11.04 °C
DISSOLVED O_2 0.34 mg/L — SPECIFIC CONDUCTIVITY 6197.0 µs/cm

SAMPLE END TIME: 15:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0616MW01
NJDEP ID #: 29-33760
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 05/26/05
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 4.76 ft
DEPTH OF WELL: 16.28 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.52 ft
(11.52) X .65 X 3 = 22.46
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:15
pH 3.21 su
DISSOLVED O_2 0.35 mg/L
TEMP 11.50 °C
SPECIFIC CONDUCTIVITY 1986.0 µs/cm

PURGE END TIME: 11:55
pH 4.33 su
DISSOLVED O_2 4.12 mg/L
TEMP 12.39 °C
SPECIFIC CONDUCTIVITY 1723.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.08 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 12:00
pH 3.51 su
DISSOLVED O_2 1.30 mg/L
TEMP 12.30 °C
SPECIFIC CONDUCTIVITY 1793.0 µs/cm

SAMPLE END TIME: 12:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699RW11
NJDEP ID #: 29-28031
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 05/26/05
WEATHER: Overcast and cool.
TIDE: N/A

LNAPLs: N/A
DNAPLs N/A
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: N/A INCH
DEPTH TO WATER:11.67ft
DEPTH OF WELL: N/A ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: N/A ft
(N/A) X .65 X 3 = N/A
GALLONS OF H_2O TO BE PURGED: N/A gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.00 gpm
Hnu READING: 0.00 ppm

PURGE START TIME:
pH su TEMP °C
DISSOLVED O_2 mg/L SPECIFIC CONDUCTIVITY µs/cm

PURGE END TIME:
pH su TEMP °C
DISSOLVED O_2 mg/L SPECIFIC CONDUCTIVITY µs/cm

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

SAMPLE START TIME: 15:10
pH su TEMP 12.36 °C
DISSOLVED O_2 mg/L SPECIFIC CONDUCTIVITY µs/cm

SAMPLE END TIME: 15:10

COMMENTS:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence c compound however the result is less than the MDL but greater tha zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that requirec dilution.

E: Indicates the compound's concentration exceeds the calibration range c the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence o compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

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

Data File	VB019529.D	Sample Name	MB 31May05
Operator	Skelton	Field ID	MB 31May05
Date Acquired	31 May 2005 4:05 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifie
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 31May05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50269 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 31May05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019529.D

Level: (low/med) LOW Date Received: 5/23/2005

% Moisture: not dec. Date Analyzed: 5/31/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB019559.D	Sample Name	MB 06Jun05
Operator	Skelton	Field ID	MB 06Jun05
Date Acquired	6 Jun 2005 4:05 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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6/9/2005 12:38 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 06Jun05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50277 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 06Jun05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019559.D

Level: (low/med) LOW Date Received: 5/26/2005

% Moisture: not dec. Date Analyzed: 6/6/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB019595.D	Sample Name	MB 08Jun05
Operator	Skelton	Field ID	MB 08Jun05
Date Acquired	8 Jun 2005 3:21 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 08Jun05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50277 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 08Jun05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019595.D

Level: (low/med) LOW Date Received: 5/26/2005

% Moisture: not dec. Date Analyzed: 6/8/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB019541.D	Sample Name	5026901
Operator	Skelton	Field ID	Trip Blank
Date Acquired	1 Jun 2005 12:29 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.66	11631	0.73 ug/L	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50269 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5026901

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019541.D

Level: (low/med) LOW Date Received: 5/23/2005

% Moisture: not dec. _____ Date Analyzed: 6/1/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB019568.D	Sample Name	5027701
Operator	Skelton	Field ID	Trip Blank
Date Acquired	6 Jun 2005 10:14 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.66	11214	0.59 ug/L	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50277 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5027701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019568.D

Level: (low/med) LOW Date Received: 5/26/2005

% Moisture: not dec. _____ Date Analyzed: 6/6/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB019542.D	Sample Name	5026902
Operator	Skelton	Field ID	Field Blank
Date Acquired	1 Jun 2005 1:11 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.67	10360	0.67 ug/L	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50269 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5026902

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019542.D

Level: (low/med) LOW Date Received: 5/23/2005

% Moisture: not dec. Date Analyzed: 6/1/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File	VB019569.D	Sample Name	5027702
Operator	Skelton	Field ID	Field Blank
Date Acquired	6 Jun 2005 10:55 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifie
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50277 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5027702

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019569.D

Level: (low/med) LOW Date Received: 5/26/2005

% Moisture: not dec. _____ Date Analyzed: 6/6/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB019546.D	Sample Name	5026903
Operator	Skelton	Field ID	699Dupe
Date Acquired	1 Jun 2005 8:04 am	Sample Multiplier	50

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	78.50 ug/L	500.00 ug/L	
107131	Acrylonitrile			not detected	50	123.50 ug/L	500.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	427.00 ug/L	1000.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	15.00 ug/L	100.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	18.50 ug/L	100.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	23.00 ug/L	100.00 ug/L	
74-87-3	Chloromethane			not detected	30	15.00 ug/L	100.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	10.00 ug/L	100.00 ug/L	
74-83-9	Bromomethane			not detected	10	12.50 ug/L	100.00 ug/L	
75-00-3	Chloroethane			not detected	100	13.50 ug/L	100.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	13.00 ug/L	100.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	13.50 ug/L	100.00 ug/L	
67-64-1	Acetone			not detected	700	100.00 ug/L	100.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	8.00 ug/L	100.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	27.50 ug/L	100.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	12.50 ug/L	100.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	16.00 ug/L	100.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	10.00 ug/L	100.00 ug/L	
78-93-3	2-Butanone			not detected	300	45.00 ug/L	100.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	14.00 ug/L	100.00 ug/L	
67-66-3	Chloroform			not detected	6	19.00 ug/L	100.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	13.50 ug/L	100.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	10.00 ug/L	100.00 ug/L	
71-43-2	Benzene	18.16	1340517	2173.21 ug/L	1	10.00 ug/L	100.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	11.00 ug/L	100.00 ug/L	
79-01-6	Trichloroethene			not detected	1	14.00 ug/L	100.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	16.50 ug/L	100.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	12.50 ug/L	100.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	12.50 ug/L	100.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	9.00 ug/L	100.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	19.00 ug/L	100.00 ug/L	
108-88-3	Toluene	22.70	5383619	8035.51 ug/L	1000	12.50 ug/L	100.00 ug/L	E D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	7.00 ug/L	100.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	12.50 ug/L	100.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	13.00 ug/L	100.00 ug/L	
591-78-6	2-Hexanone			not detected	100	14.50 ug/L	100.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	12.00 ug/L	100.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	15.00 ug/L	100.00 ug/L	
100-41-4	Ethylbenzene	25.73	587785	751.28 ug/L	700	14.00 ug/L	100.00 ug/L	D
1330-20-7	m+p-Xylenes	26.02	1668851	6304.88 ug/L	nle	31.50 ug/L	200.00 ug/L	E D
95-47-6	o-Xylene	26.85	1884280	3193.26 ug/L	nle	12.00 ug/L	100.00 ug/L	E D
100-42-5	Styrene			not detected	100	17.00 ug/L	100.00 ug/L	
75-25-2	Bromoform			not detected	4	12.00 ug/L	100.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	12.00 ug/L	100.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	12.00 ug/L	100.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	12.50 ug/L	100.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	13.50 ug/L	100.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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

Data File	VB019548.D	Sample Name	5026903
Operator	Skelton	Field ID	699Dupe
Date Acquired	1 Jun 2005 9:28 am	Sample Multiplier	100

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	157.00 ug/L	1000.00 ug/L	
107131	Acrylonitrile			not detected	50	247.00 ug/L	1000.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	854.00 ug/L	2000.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	30.00 ug/L	200.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	37.00 ug/L	200.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	46.00 ug/L	200.00 ug/L	
74-87-3	Chloromethane			not detected	30	30.00 ug/L	200.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	20.00 ug/L	200.00 ug/L	
74-83-9	Bromomethane			not detected	10	25.00 ug/L	200.00 ug/L	
75-00-3	Chloroethane			not detected	100	27.00 ug/L	200.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	26.00 ug/L	200.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	27.00 ug/L	200.00 ug/L	
67-64-1	Acetone			not detected	700	200.00 ug/L	200.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	16.00 ug/L	200.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	55.00 ug/L	200.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	25.00 ug/L	200.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	32.00 ug/L	200.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	20.00 ug/L	200.00 ug/L	
78-93-3	2-Butanone			not detected	300	90.00 ug/L	200.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	28.00 ug/L	200.00 ug/L	
67-66-3	Chloroform			not detected	6	38.00 ug/L	200.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	27.00 ug/L	200.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	20.00 ug/L	200.00 ug/L	
71-43-2	Benzene	18.16	609827	1922.53 ug/L	1	20.00 ug/L	200.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	22.00 ug/L	200.00 ug/L	
79-01-6	Trichloroethene			not detected	1	28.00 ug/L	200.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	33.00 ug/L	200.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	25.00 ug/L	200.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	25.00 ug/L	200.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	18.00 ug/L	200.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	38.00 ug/L	200.00 ug/L	
108-88-3	Toluene	22.70	2480173	7198.77 ug/L	1000	25.00 ug/L	200.00 ug/L	E D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	14.00 ug/L	200.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	25.00 ug/L	200.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	26.00 ug/L	200.00 ug/L	
591-78-6	2-Hexanone			not detected	100	29.00 ug/L	200.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	24.00 ug/L	200.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	30.00 ug/L	200.00 ug/L	
100-41-4	Ethylbenzene	25.73	270515	681.46 ug/L	700	28.00 ug/L	200.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	772743	5753.86 ug/L	nle	63.00 ug/L	400.00 ug/L	D
95-47-6	o-Xylene	26.85	844893	2821.99 ug/L	nle	24.00 ug/L	200.00 ug/L	D
100-42-5	Styrene			not detected	100	34.00 ug/L	200.00 ug/L	
75-25-2	Bromoform			not detected	4	24.00 ug/L	200.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	24.00 ug/L	200.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	24.00 ug/L	200.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	25.00 ug/L	200.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	27.00 ug/L	200.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50269 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5026903

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019546.D

Level: (low/med) LOW Date Received: 5/23/2005

% Moisture: not dec. Date Analyzed: 6/1/2005

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.03	570	JN
2. 000526-73-8	Benzene, 1,2,3-trimethyl-	29.36	2800	JN
3. 000526-73-8	Benzene, 1,2,3-trimethyl-	30.22	830	JN
4. 000496-11-7	Indane	30.52	590	JN
5. 000488-23-3	Benzene, 1,2,3,4-tetramethyl-	32.23	160	JN
6. 027133-93-3	2,3-Dihydro-1-methylindene	33.09	220	JN
7. 000091-20-3	Naphthalene	34.88	230	JN
8.	unknown hydrocarbon	14.52	340	J
9. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.41	1600	JN
10. 000108-67-8	Benzene, 1,3,5-trimethyl-	28.60	690	JN

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

Data File	VB019598.D	Sample Name	5027703
Operator	Skelton	Field ID	699Dupe
Date Acquired	8 Jun 2005 5:32 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.71	2835124	177.70 ug/L	70	0.30 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.15	433005	10.98 ug/L	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	320287	6.63 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.74	1182390	22.12 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.01	1035988	57.33 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.85	410664	10.49 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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6/9/2005 11:40 AM

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

Data File	VB019578.D	Sample Name	5027703
Operator	Skelton	Field ID	699Dupe
Date Acquired	7 Jun 2005 5:04 am	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	15.70 ug/L	100.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	100.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	85.40 ug/L	200.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.76	367356	225.64 ug/L	70	3.00 ug/L	20.00 ug/L	D
108203	Di-isopropyl ether			not detected	20000	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	100	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone			not detected	700	20.00 ug/L	20.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene	18.15	62998	16.39 ug/L	1	2.00 ug/L	20.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	2.20 ug/L	20.00 ug/L	
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene	22.68	48809	11.12 ug/L	1000	2.50 ug/L	20.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	100	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene	25.73	157896	32.27 ug/L	700	2.80 ug/L	20.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	133306	79.95 ug/L	nle	6.30 ug/L	40.00 ug/L	D
95-47-6	o-Xylene	26.84	54427	14.91 ug/L	nle	2.40 ug/L	20.00 ug/L	D
100-42-5	Styrene			not detected	100	3.40 ug/L	20.00 ug/L	
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50277 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5027703

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019598.D

Level: (low/med) LOW Date Received: 5/26/2005

% Moisture: not dec. Date Analyzed: 6/8/2005

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.75	66	J
2.	unknown	14.51	79	J
3. 000098-82-8	Benzene, (1-methylethyl)-	27.45	49	JN
4. 000103-65-1	Benzene, propyl-	28.24	94	JN
5. 000526-73-8	Benzene, 1,2,3-trimethyl-	29.36	62	JN
6. 000496-11-7	Indane	30.51	200	JN
7.	unknown	31.32	58	J
8. 027133-93-3	2,3-Dihydro-1-methylindene	31.59	42	JN
9.	unknown	33.09	110	J
10. 000275-51-4	Azulene	34.88	52	JN

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

Data File	VB019579.D	Sample Name	5027704
Operator	Skelton	Field ID	699MW#1
Date Acquired	7 Jun 2005 5:45 am	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	15.70 ug/L	100.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	100.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	85.40 ug/L	200.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	3.00 ug/L	20.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	100	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone			not detected	700	20.00 ug/L	20.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene	18.16	247685	63.14 ug/L	1	2.00 ug/L	20.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	2.20 ug/L	20.00 ug/L	
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene	22.68	3337505	745.46 ug/L	1000	2.50 ug/L	20.00 ug/L	E D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	100	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene	25.73	4352964	874.28 ug/L	700	2.80 ug/L	20.00 ug/L	E D
1330-20-7	m+p-Xylenes	26.00	22141845	13049.80 ug/L	nle	6.30 ug/L	40.00 ug/L	E D
95-47-6	o-Xylene	26.83	23277454	6267.70 ug/L	nle	2.40 ug/L	20.00 ug/L	E D
100-42-5	Styrene			not detected	100	3.40 ug/L	20.00 ug/L	
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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

Data File	VB019597.D	Sample Name	5027704
Operator	Skelton	Field ID	699MW#1
Date Acquired	8 Jun 2005 4:50 pm	Sample Multiplier	100

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	157.00 ug/L	1000.00 ug/L	
107131	Acrylonitrile			not detected	50	247.00 ug/L	1000.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	854.00 ug/L	2000.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	30.00 ug/L	200.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	37.00 ug/L	200.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	46.00 ug/L	200.00 ug/L	
74-87-3	Chloromethane			not detected	30	30.00 ug/L	200.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	20.00 ug/L	200.00 ug/L	
74-83-9	Bromomethane			not detected	10	25.00 ug/L	200.00 ug/L	
75-00-3	Chloroethane			not detected	100	27.00 ug/L	200.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	26.00 ug/L	200.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	27.00 ug/L	200.00 ug/L	
67-64-1	Acetone			not detected	700	200.00 ug/L	200.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	16.00 ug/L	200.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	55.00 ug/L	200.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	25.00 ug/L	200.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	32.00 ug/L	200.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	20.00 ug/L	200.00 ug/L	
78-93-3	2-Butanone			not detected	300	90.00 ug/L	200.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	28.00 ug/L	200.00 ug/L	
67-66-3	Chloroform			not detected	6	38.00 ug/L	200.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	27.00 ug/L	200.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	20.00 ug/L	200.00 ug/L	
71-43-2	Benzene	18.15	18997	49.70 ug/L	1	20.00 ug/L	200.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	22.00 ug/L	200.00 ug/L	
79-01-6	Trichloroethene			not detected	1	28.00 ug/L	200.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	33.00 ug/L	200.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	25.00 ug/L	200.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	25.00 ug/L	200.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	18.00 ug/L	200.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	38.00 ug/L	200.00 ug/L	
108-88-3	Toluene	22.69	242720	518.85 ug/L	1000	25.00 ug/L	200.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	14.00 ug/L	200.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	25.00 ug/L	200.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	26.00 ug/L	200.00 ug/L	
591-78-6	2-Hexanone			not detected	100	29.00 ug/L	200.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	24.00 ug/L	200.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	30.00 ug/L	200.00 ug/L	
100-41-4	Ethylbenzene	25.74	312069	622.78 ug/L	700	28.00 ug/L	200.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	1197166	7065.94 ug/L	nle	63.00 ug/L	400.00 ug/L	D
95-47-6	o-Xylene	26.84	1307595	3562.52 ug/L	nle	24.00 ug/L	200.00 ug/L	D
100-42-5	Styrene			not detected	100	34.00 ug/L	200.00 ug/L	
75-25-2	Bromoform			not detected	4	24.00 ug/L	200.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	24.00 ug/L	200.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	24.00 ug/L	200.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	25.00 ug/L	200.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	27.00 ug/L	200.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 699MW#1

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50277 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5027704

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019579.D

Level: (low/med) LOW Date Received: 5/26/2005

% Moisture: not dec. Date Analyzed: 6/7/2005

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.40	6400	JN
2. 000108-67-8	Benzene, 1,3,5-trimethyl-	28.59	3200	JN
3. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.03	2500	JN
4. 000108-67-8	Benzene, 1,3,5-trimethyl-	29.36	13000	JN
5. 000526-73-8	Benzene, 1,2,3-trimethyl-	30.22	3400	JN
6. 000496-11-7	Indane	30.52	1800	JN
7. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	31.33	740	JN
8. 000527-53-7	Benzene, 1,2,3,5-tetramethyl-	32.23	840	JN
9. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	33.08	1000	JN
10. 000275-51-4	Azulene	34.87	680	JN

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

Data File	VB019570.D	Sample Name	5027705
Operator	Skelton	Field ID	699MW#2
Date Acquired	6 Jun 2005 11:36 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#2**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50277 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5027705

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019570.D

Level: (low/med) LOW Date Received: 5/26/2005

% Moisture: not dec. Date Analyzed: 6/6/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB019547.D	Sample Name	5026904
Operator	Skelton	Field ID	699MW#3
Date Acquired	1 Jun 2005 8:46 am	Sample Multiplier	50

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	78.50 ug/L	500.00 ug/L	
107131	Acrylonitrile			not detected	50	123.50 ug/L	500.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	427.00 ug/L	1000.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	15.00 ug/L	100.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	18.50 ug/L	100.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	23.00 ug/L	100.00 ug/L	
74-87-3	Chloromethane			not detected	30	15.00 ug/L	100.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	10.00 ug/L	100.00 ug/L	
74-83-9	Bromomethane			not detected	10	12.50 ug/L	100.00 ug/L	
75-00-3	Chloroethane			not detected	100	13.50 ug/L	100.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	13.00 ug/L	100.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	13.50 ug/L	100.00 ug/L	
67-64-1	Acetone			not detected	700	100.00 ug/L	100.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	8.00 ug/L	100.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	27.50 ug/L	100.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	12.50 ug/L	100.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	16.00 ug/L	100.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	10.00 ug/L	100.00 ug/L	
78-93-3	2-Butanone			not detected	300	45.00 ug/L	100.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	14.00 ug/L	100.00 ug/L	
67-66-3	Chloroform			not detected	6	19.00 ug/L	100.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	13.50 ug/L	100.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	10.00 ug/L	100.00 ug/L	
71-43-2	Benzene	18.16	1331930	2164.78 ug/L	1	10.00 ug/L	100.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	11.00 ug/L	100.00 ug/L	
79-01-6	Trichloroethene			not detected	1	14.00 ug/L	100.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	16.50 ug/L	100.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	12.50 ug/L	100.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	12.50 ug/L	100.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	9.00 ug/L	100.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	19.00 ug/L	100.00 ug/L	
108-88-3	Toluene	22.69	5375661	8044.05 ug/L	1000	12.50 ug/L	100.00 ug/L	E D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	7.00 ug/L	100.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	12.50 ug/L	100.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	13.00 ug/L	100.00 ug/L	
591-78-6	2-Hexanone			not detected	100	14.50 ug/L	100.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	12.00 ug/L	100.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	15.00 ug/L	100.00 ug/L	
100-41-4	Ethylbenzene	25.73	565820	726.99 ug/L	700	14.00 ug/L	100.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	1591888	6045.52 ug/L	nle	31.50 ug/L	200.00 ug/L	E D
95-47-6	o-Xylene	26.85	1801254	3068.50 ug/L	nle	12.00 ug/L	100.00 ug/L	E D
100-42-5	Styrene			not detected	100	17.00 ug/L	100.00 ug/L	
75-25-2	Bromoform			not detected	4	12.00 ug/L	100.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	12.00 ug/L	100.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	12.00 ug/L	100.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	12.50 ug/L	100.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	13.50 ug/L	100.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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

Data File	VB019549.D	Sample Name	5026904
Operator	Skelton	Field ID	699MW#3
Date Acquired	1 Jun 2005 10:11 am	Sample Multiplier	100

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	157.00 ug/L	1000.00 ug/L	
107131	Acrylonitrile			not detected	50	247.00 ug/L	1000.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	854.00 ug/L	2000.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	30.00 ug/L	200.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	37.00 ug/L	200.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	46.00 ug/L	200.00 ug/L	
74-87-3	Chloromethane			not detected	30	30.00 ug/L	200.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	20.00 ug/L	200.00 ug/L	
74-83-9	Bromomethane			not detected	10	25.00 ug/L	200.00 ug/L	
75-00-3	Chloroethane			not detected	100	27.00 ug/L	200.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	26.00 ug/L	200.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	27.00 ug/L	200.00 ug/L	
67-64-1	Acetone			not detected	700	200.00 ug/L	200.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	16.00 ug/L	200.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	55.00 ug/L	200.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	25.00 ug/L	200.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	32.00 ug/L	200.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	20.00 ug/L	200.00 ug/L	
78-93-3	2-Butanone			not detected	300	90.00 ug/L	200.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	28.00 ug/L	200.00 ug/L	
67-66-3	Chloroform			not detected	6	38.00 ug/L	200.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	27.00 ug/L	200.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	20.00 ug/L	200.00 ug/L	
71-43-2	Benzene	18.16	1187071	3766.30 ug/L	1	20.00 ug/L	200.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	22.00 ug/L	200.00 ug/L	
79-01-6	Trichloroethene			not detected	1	28.00 ug/L	200.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	33.00 ug/L	200.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	25.00 ug/L	200.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	25.00 ug/L	200.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	18.00 ug/L	200.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	38.00 ug/L	200.00 ug/L	
108-88-3	Toluene	22.70	4546846	13281.86 ug/L	1000	25.00 ug/L	200.00 ug/L	E D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	14.00 ug/L	200.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	25.00 ug/L	200.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	26.00 ug/L	200.00 ug/L	
591-78-6	2-Hexanone			not detected	100	29.00 ug/L	200.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	24.00 ug/L	200.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	30.00 ug/L	200.00 ug/L	
100-41-4	Ethylbenzene	25.73	439771	1088.66 ug/L	700	28.00 ug/L	200.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	1201225	8789.49 ug/L	nle	63.00 ug/L	400.00 ug/L	D
95-47-6	o-Xylene	26.85	1377302	4520.62 ug/L	nle	24.00 ug/L	200.00 ug/L	D
100-42-5	Styrene			not detected	100	34.00 ug/L	200.00 ug/L	
75-25-2	Bromoform			not detected	4	24.00 ug/L	200.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	24.00 ug/L	200.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	24.00 ug/L	200.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	25.00 ug/L	200.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	27.00 ug/L	200.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 699MW#3

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50269 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5026904

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019547.D

Level: (low/med) LOW Date Received: 5/23/2005

% Moisture: not dec. Date Analyzed: 6/1/2005

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	14.51	300	J
2. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.41	1500	JN
3. 000108-67-8	Benzene, 1,3,5-trimethyl-	28.60	640	JN
4. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.04	520	JN
5. 000108-67-8	Benzene, 1,3,5-trimethyl-	29.36	2600	JN
6. 000526-73-8	Benzene, 1,2,3-trimethyl-	30.22	760	JN
7. 000496-11-7	Indane	30.51	550	JN
8. 000488-23-3	Benzene, 1,2,3,4-tetramethyl-	32.24	160	JN
9. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	33.09	220	JN
10. 000275-51-4	Azulene	34.88	230	JN

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

Data File	VB019599.D	Sample Name	5027706
Operator	Skelton	Field ID	699MW#4
Date Acquired	8 Jun 2005 6:13 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.72	3184902	181.74 ug/L	70	0.30 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.16	456195	10.41 ug/L	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	311828	5.81 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.74	1210823	21.12 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.01	1042983	53.81 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.85	391880	9.33 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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6/9/2005 11:40 AM

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

Data File	VB019580.D	Sample Name	5027706
Operator	Skelton	Field ID	699MW#4
Date Acquired	7 Jun 2005 6:26 am	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	15.70 ug/L	100.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	100.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	85.40 ug/L	200.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.77	544448	216.57 ug/L	70	3.00 ug/L	20.00 ug/L	D
108203	Di-isopropyl ether			not detected	20000	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	100	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone			not detected	700	20.00 ug/L	20.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene	18.15	81451	13.87 ug/L	1	2.00 ug/L	20.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	2.20 ug/L	20.00 ug/L	
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene	22.69	57524	8.59 ug/L	1000	2.50 ug/L	20.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	100	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene	25.73	200908	28.65 ug/L	700	2.80 ug/L	20.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	185805	77.74 ug/L	nle	6.30 ug/L	40.00 ug/L	D
95-47-6	o-Xylene	26.84	78133	14.94 ug/L	nle	2.40 ug/L	20.00 ug/L	D
100-42-5	Styrene			not detected	100	3.40 ug/L	20.00 ug/L	
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#4**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50277 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5027706

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019599.D

Level: (low/med) LOW Date Received: 5/26/2005

% Moisture: not dec. Date Analyzed: 6/8/2005

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

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

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

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	14.51	78	J
2. 000098-82-8	Benzene, (1-methylethyl)-	27.45	50	JN
3. 000103-65-1	Benzene, propyl-	28.24	90	JN
4. 000108-67-8	Benzene, 1,3,5-trimethyl-	29.36	58	JN
5.	unknown	30.51	190	J
6.	unknown	31.32	56	J
7.	unknown	31.59	41	J
8.	unknown	32.69	39	J
9.	unknown	33.09	110	J
10. 000275-51-4	Azulene	34.88	51	JN

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

Data File	VB019571.D	Sample Name	5027707
Operator	Skelton	Field ID	699MW#5
Date Acquired	7 Jun 2005 12:17 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#5**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50277 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5027707

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019571.D

Level: (low/med) LOW Date Received: 5/26/2005

% Moisture: not dec. _____ Date Analyzed: 6/7/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB019572.D	Sample Name	5027708
Operator	Skelton	Field ID	699MW#6
Date Acquired	7 Jun 2005 12:58 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#6**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50277 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5027708

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019572.D

Level: (low/med) LOW Date Received: 5/26/2005

% Moisture: not dec. _____ Date Analyzed: 6/7/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB019573.D	Sample Name	5027709
Operator	Skelton	Field ID	699MW#8
Date Acquired	7 Jun 2005 1:39 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 699MW#8

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50277 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5027709

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019573.D

Level: (low/med) LOW Date Received: 5/26/2005

% Moisture: not dec. Date Analyzed: 6/7/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB019543.D	Sample Name	5026905
Operator	Skelton	Field ID	699MW#9
Date Acquired	1 Jun 2005 1:53 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#9**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50269 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5026905

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019543.D

Level: (low/med) LOW Date Received: 5/23/2005

% Moisture: not dec. _____ Date Analyzed: 6/1/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB019544.D	Sample Name	5026906
Operator	Skelton	Field ID	699MW#12
Date Acquired	1 Jun 2005 2:36 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.82	57326	4.62 ug/L	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#12**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50269 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5026906

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019544.D

Level: (low/med) LOW Date Received: 5/23/2005

% Moisture: not dec. _____ Date Analyzed: 6/1/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB019574.D	Sample Name	5027710
Operator	Skelton	Field ID	699MW#15
Date Acquired	7 Jun 2005 2:20 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#15**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50277 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5027710

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019574.D

Level: (low/med) LOW Date Received: 5/26/2005

% Moisture: not dec. Date Analyzed: 6/7/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB019545.D	Sample Name	5026907
Operator	Skelton	Field ID	699MW#16
Date Acquired	1 Jun 2005 3:18 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.67	227328	15.51 ug/L	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#16**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50269 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5026907

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019545.D

Level: (low/med) LOW Date Received: 5/23/2005

% Moisture: not dec. _____ Date Analyzed: 6/1/2005

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

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

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019577.D	Sample Name	5027711
Operator	Skelton	Field ID	699RW#11
Date Acquired	7 Jun 2005 4:23 am	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	15.70 ug/L	100.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	100.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	85.40 ug/L	200.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.74	723734	457.11 ug/L	70	3.00 ug/L	20.00 ug/L	D
108203	Di-isopropyl ether			not detected	20000	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	100	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone			not detected	700	20.00 ug/L	20.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene	18.15	3063568	822.58 ug/L	1	2.00 ug/L	20.00 ug/L	E D
107-06-2	1,2-Dichloroethane			not detected	2	2.20 ug/L	20.00 ug/L	
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene	22.68	2196536	516.78 ug/L	1000	2.50 ug/L	20.00 ug/L	E D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	100	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene	25.73	3821305	805.44 ug/L	700	2.80 ug/L	20.00 ug/L	E D
1330-20-7	m+p-Xylenes	26.00	4858214	3004.86 ug/L	nle	6.30 ug/L	40.00 ug/L	E D
95-47-6	o-Xylene	26.84	2076470	586.75 ug/L	nle	2.40 ug/L	20.00 ug/L	E D
100-42-5	Styrene			not detected	100	3.40 ug/L	20.00 ug/L	
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019585.D	Sample Name	5027711
Operator	Skelton	Field ID	699RW#1
Date Acquired	7 Jun 2005 9:52 am	Sample Multiplier	50

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	78.50 ug/L	500.00 ug/L	
107131	Acrylonitrile			not detected	50	123.50 ug/L	500.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	427.00 ug/L	1000.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.79	130569	361.29 ug/L	70	15.00 ug/L	100.00 ug/L	D
108203	Di-isopropyl ether			not detected	20000	18.50 ug/L	100.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	23.00 ug/L	100.00 ug/L	
74-87-3	Chloromethane			not detected	30	15.00 ug/L	100.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	10.00 ug/L	100.00 ug/L	
74-83-9	Bromomethane			not detected	10	12.50 ug/L	100.00 ug/L	
75-00-3	Chloroethane			not detected	100	13.50 ug/L	100.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	13.00 ug/L	100.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	13.50 ug/L	100.00 ug/L	
67-64-1	Acetone			not detected	700	100.00 ug/L	100.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	8.00 ug/L	100.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	27.50 ug/L	100.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	12.50 ug/L	100.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	16.00 ug/L	100.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	10.00 ug/L	100.00 ug/L	
78-93-3	2-Butanone			not detected	300	45.00 ug/L	100.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	14.00 ug/L	100.00 ug/L	
67-66-3	Chloroform			not detected	6	19.00 ug/L	100.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	13.50 ug/L	100.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	10.00 ug/L	100.00 ug/L	
71-43-2	Benzene	18.15	616427	737.49 ug/L	1	10.00 ug/L	100.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	11.00 ug/L	100.00 ug/L	
79-01-6	Trichloroethene			not detected	1	14.00 ug/L	100.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	16.50 ug/L	100.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	12.50 ug/L	100.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	12.50 ug/L	100.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	9.00 ug/L	100.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	19.00 ug/L	100.00 ug/L	
108-88-3	Toluene	22.68	420298	440.61 ug/L	1000	12.50 ug/L	100.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	7.00 ug/L	100.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	12.50 ug/L	100.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	13.00 ug/L	100.00 ug/L	
591-78-6	2-Hexanone			not detected	100	14.50 ug/L	100.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	12.00 ug/L	100.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	15.00 ug/L	100.00 ug/L	
100-41-4	Ethylbenzene	25.73	677016	636.02 ug/L	700	14.00 ug/L	100.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	689111	1899.70 ug/L	nle	31.50 ug/L	200.00 ug/L	D
95-47-6	o-Xylene	26.84	355436	447.65 ug/L	nle	12.00 ug/L	100.00 ug/L	D
100-42-5	Styrene			not detected	100	17.00 ug/L	100.00 ug/L	
75-25-2	Bromoform			not detected	4	12.00 ug/L	100.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	12.00 ug/L	100.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	12.00 ug/L	100.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	12.50 ug/L	100.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	13.50 ug/L	100.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699RW#11**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50277 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5027711

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019577.D

Level: (low/med) LOW Date Received: 5/26/2005

% Moisture: not dec. _____ Date Analyzed: 6/7/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	10.80	370	J
2.	unknown	14.51	380	J
3. 000103-65-1	Benzene, propyl-	28.24	250	JN
4. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.40	310	JN
5. 000526-73-8	Benzene, 1,2,3-trimethyl-	28.59	200	JN
6. 000622-96-8	Benzene, 1-ethyl-4-methyl-	29.03	200	JN
7. 000526-73-8	Benzene, 1,2,3-trimethyl-	29.35	950	JN
8. 000095-36-3	1,2,4-Trimethylbenzene	30.22	220	JN
9. 000873-49-4	Benzene, cyclopropyl-	30.52	720	JN
10. 000275-51-4	Azulene	34.87	250	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019575.D	Sample Name	5027712
Operator	Skelton	Field ID	616MW#1
Date Acquired	7 Jun 2005 3:01 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
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D = Value from dilution
PQL = Practical Quantitation Limit

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R.T. = Retention Time
R.L. = Reporting Limit

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6/9/2005 12:39 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **616MW#1**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50277 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5027712

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019575.D

Level: (low/med) LOW Date Received: 5/26/2005

% Moisture: not dec. Date Analyzed: 6/7/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

LEAD

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703
Site: Ft. Monmouth
Bldg. 699

Lab ID #: 50269
Sample Received: NA
Analysis Start: 06/07/05
Analysis Completed: 06/07/05
Matrix: AQ

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3113B

TEST PARAMETER: Lead

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)	R.L (ug/L)
Method Blank	NA	ND	10	5.00

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703
Site: Ft. Monmouth
Bldg. 699

Lab ID #: 50277
Sample Received: NA
Analysis Start: 06/15/05
Analysis Completed: 06/15/05
Matrix: AQ

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3113B

TEST PARAMETER: Lead

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)	R.L (ug/L)
Method Blank	NA	ND	10	5.00

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Site: Ft. Monmouth
Bldg. 699

Lab ID #: 50269
Sample Received: 05/23/05
Analysis Start: 06/07/05
Analysis Completed: 06/07/05

Matrix: AQ

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3113B

TEST PARAMETER: LEAD

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)	R.L (ug/L)
5026902	Field Blank	ND	10	5.00
5026903	Duplicate	ND	10	5.00
5026904	699MW03	ND	10	5.00
5026905	699MW09	ND	10	5.00
5026906	699MW12	ND	10	5.00
5026907	699MW16	ND	10	5.00

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable, NS = No Sample

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 50277
Sample Received: 05/26/05
Analysis Start: 06/15/05
Analysis Completed: 06/15/05

Site: Ft. Monmouth
Bldg. 699

Matrix: AQ

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3113B

TEST PARAMETER: LEAD

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)	R.L (ug/L)
5027702	Field Blank	ND	10	5.00
5027703	Duplicate	ND	10	5.00
5027704	699MW01	ND	10	5.00
5027705	699MW02	ND	10	5.00
5027706	699MW09	ND	10	5.00
5027707	699MW05	ND	10	5.00
5027708	699MW06	ND	10	5.00
5027709	699MW08	ND	10	5.00
5027710	699MW15	8.35	10	5.00
5027711	699RW11	ND	10	5.00
5027712	616MW01	ND	10	5.00

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable, NS = No Sample

LTM

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Acetone	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	NLE	70	700	1	1000	700	40	10	-	-
05/24/1995	EMSL	3200	680	-	23000	28000	3800	16000	4.55	4.88	V,Pb
08/16/1995	EMSL	-	890	-	24000	24000	4600	20000	5.7	6.14	V,Pb
04/04/1997	FMETL	ND	ND	ND	12800	35600	ND	33600	4.1	3.04	V,Pb
07/22/1997	FMETL	491	171	4095	27000	17000	5770	38400	6.6	6.35	V,Pb
10/10/1997	FMETL	ND	226	10410	27000	46700	4200	27200	5.7	6.40	V,Pb
01/15/1998	FMETL	286	396	697	23300	25600	3670	12920	1.8	3.75	V,Pb
06/08/1998	FMETL	ND	ND	20220	14600	22700	1800	20320	3.0	3.33	V,Pb
07/29/1998	FMETL	25.64	11.88	230	22227	35840	3025	19010	2.4	5.13	V,Pb
03/11/1999	FMETL	824	433	2695	32400	33700	4413	24000	3.6	3.70	V,Pb
06/28/1999	FMETL	ND	ND	2702	10891	28816	4286	27798	5.3	5.31	V,Pb
09/24/1999	FMETL	ND	670	2046	25967	30423	3413	29787	3.6	4.99	V,Pb
11/30/1999	FMETL	ND	730.59	846.63	14809	9463	3240	8048	2.22	5.38	V,Pb
03/29/2000	FMETL	ND	1609.13	7071.75	43419.32	37817.54	9494.06	61875.37	1.2	3.42	V,Pb
06/16/2000	FMETL	ND	277.82	3380.66	13455.88	21968.78	3149.56	21366.29	3.4	4.00	V,Pb
09/07/2000	FMETL	ND	ND	ND	19837.12	34475.90	2680.73	44310.87	2.6	4.01	V,Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	-	4.31	No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	-	3.19	No Samp
06/19/2001	FMETL	403.62	1293.83	ND	21555.26	47603.78	5050.83	42246.76	6.27	5.50	V, Pb
08/30/2001	FMETL	ND	ND	ND	31531.95	54361.78	8703.65	47334.24	3.57	6.75	V, Pb
12/13/2001	FMETL	-	-	-	-	-	-	-	-	8.75	No Samp
03/25/2002	FMETL	-	-	-	-	-	-	-	-	7.05	No Samp
06/26/2002	FMETL	-	-	-	-	-	-	-	-	6.91	No Samp
09/19/2002	FMETL	ND	ND	ND	3849.07	19493.66	2687.65	23989.23	6.92	5.93	V, Pb
11/26/2002	FMETL	ND	ND	ND	459.71	4023.42	1960.5	14645.8	3.88	4.38	V, Pb
03/17/2003	FMETL	ND	ND	ND	127.89	1648.18	739.45	7477.75	3.63	4.20	V, Pb
06/25/2003	FMETL	ND	ND	ND	318.96	1864.8	637.87	7237.32	6.15	3.81	V, Pb
09/24/2003	FMETL	ND	ND	ND	206.6	1016.66	554.5	3207.39	19.5	7.20	V, Pb
12/08/2003	FMETL	ND	ND	ND	110.32	1310.35	680.75	4430.84	16.4	5.15	V, Pb
03/29/2004	FMETL	ND	ND	ND	156.78	1249.62	709.41	7322.9	10.7	4.61	V, Pb
06/18/2004	FMETL	ND	ND	ND	239.86	4064.39	2619.62	20330.96	19.2	5.35	V, Pb
09/16/2004	FMETL	ND	208.91	ND	376.82	60.22	382.60	624.31	11.3	6.42	V,Pb
12/02/2004	FMETL	ND	ND	ND	34.76	158.27	83.61	993.12	9.62	5.26	V, Pb
03/07/2005	FMETL	ND	482.68	178.66	1783.46	1893.65	1376.76	5158.4	ND	3.55	V,Pb
05/26/2005	FMETL	ND	ND	ND	63.14	518.85	622.78	10628.46	ND	4.46	V, Pb

SOURCE: 0699MW01

Sampling Dates:
05/24/1995 - 05/26/2005

NOTES:

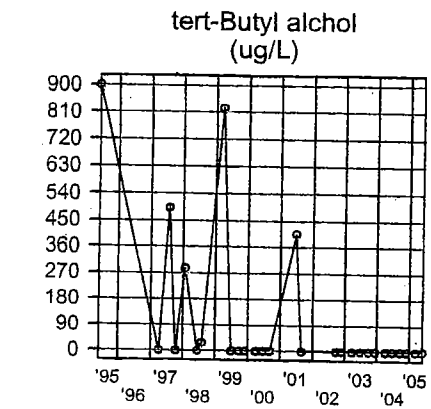
Not sampled 4th Quarter 98due to free product.

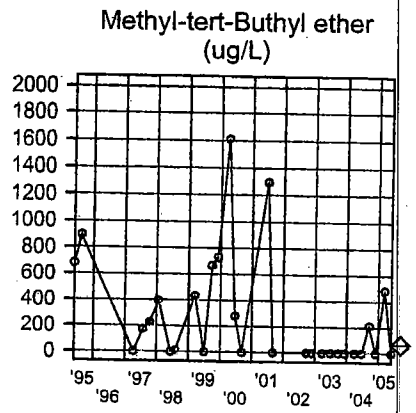
FORT MONMOUTH

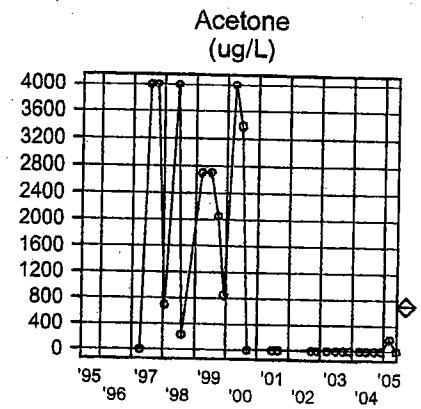
GW MONITORING
Bldg. 699

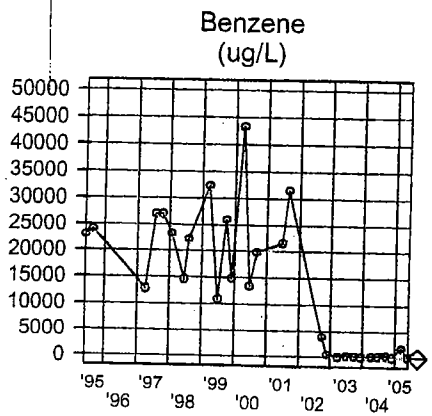
Source 1 of 13

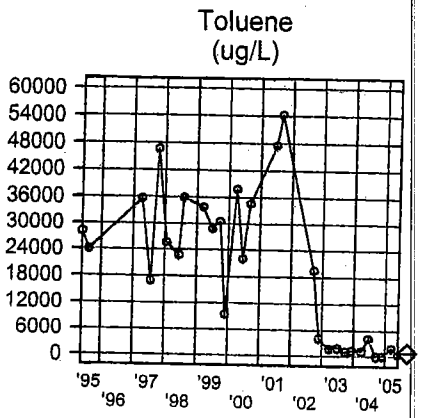
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

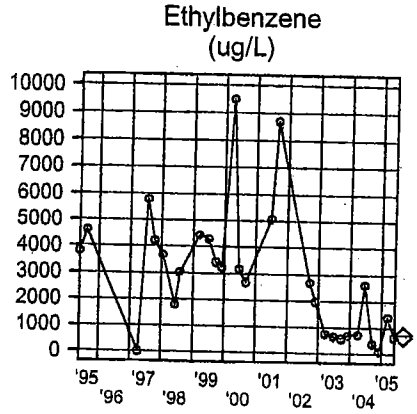


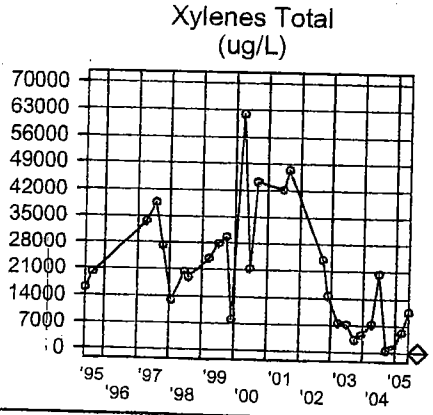


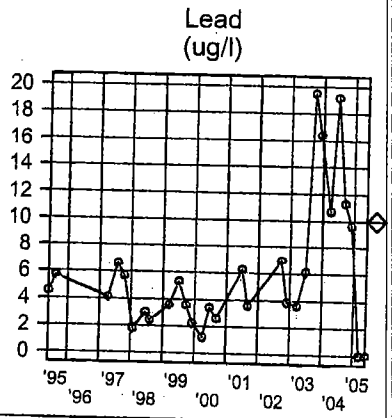


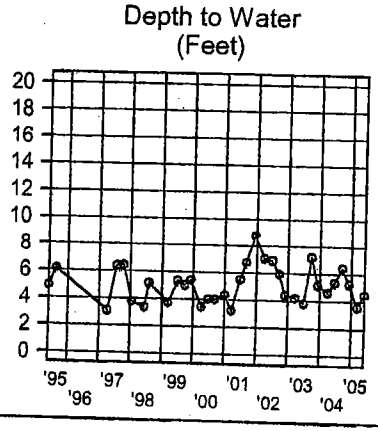












SOURCE: 0699MW01

Sampling Dates:
05/24/1995 - 05/26/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-15-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	Total Xylenes	Lead	Depth to Water							Notes
Units:	-	ug/L	ug/l	Feet							
NJDEP Criteria:	-	40	10	-							-
05/24/1995	EMSL	24	1.0	5.10							-
08/16/1995	EMSL	ND	ND	6.52							
11/20/1995	EMSL	ND	ND	3.41							-
02/21/1996	EMSL	ND	5	-							C
05/22/1996	FMETL	-	-	-							D
10/01/1996	FMETL	-	-	-							
01/13/1997	FMETL	-	2.7	-							
04/02/1997	FMETL	ND	1.1	2.22							
07/16/1997	FMETL	ND	20.5	5.65							V,Pb
10/07/1997	FMETL	ND	3.1	6.65							V,Pb
01/09/1998	FMETL	ND	11.6	1.30							V,Pb
06/08/1998	FMETL	ND	7.1	4.50							V,Pb
07/29/1998	FMETL	ND	7.5	5.77							V,Pb
12/30/1998	FMETL	ND	2.0	8.61							V,Pb
03/10/1999	FMETL	ND	4.1	2.28							V,Pb
06/28/1999	FMETL	ND	4.8	5.83							V,Pb
09/25/1999	FMETL	ND	2.3	5.03							V,Pb
11/30/1999	FMETL	ND	1.48	5.37							V,Pb
03/29/2000	FMETL	ND	1.8	2.23							V,Pb
06/16/2000	FMETL	ND	10.4	4.50							V,Pb
06/16/2000D	FMETL	ND	12.7	4.50							V,Pb
09/07/2000	FMETL	ND	1.8	4.28							V,Pb
12/28/2000	FMETL	ND	1.5	3.64							V,Pb
03/12/2001	FMETL	ND	2.70	2.14							V,Pb
06/19/2001	FMETL	18.31	2.97	3.81							V, Pb
08/30/2001	FMETL	ND	ND	6.73							V,Pb
12/13/2001	FMETL	ND	8.4	8.30							V, Pb
03/27/2002	FMETL	ND	9.71	1.58							V,Pb
06/26/2002	FMETL	ND	ND	5.44							V, Pb
09/19/2002	FMETL	ND	0.94	5.46							V, Pb
11/26/2002	FMETL	ND	ND	2.20							V, Pb
03/17/2003	FMETL	ND	ND	1.87							V, Pb
06/25/2003	FMETL	ND	ND	2.21							V, Pb
09/24/2003	FMETL	ND	11.7	6.75							V, Pb
12/08/2003	FMETL	3.72	21.4	3.55							V, Pb
03/29/2004	FMETL	ND	15.8	3.45							V,Pb
06/18/2004	FMETL	ND	8.23	5.35							V, Pb
09/16/2004	FMETL	ND	15.1	6.33							V,Pb
12/06/2004	FMETL	ND	ND	3.19							V, Pb

06-15-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

SOURCE: 0699MW02

Sampling Dates:
05/24/1995 - 05/26/2005

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 2 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Total Xylenes	Lead	Depth to Water							Notes
Units:	-	ug/L	ug/l	Feet							-
NJDEP Criteria:	-	40	10	-							-
03/07/2005	FMETL	ND	ND	2.47							V,Pb
05/26/2005	FMETL	ND	ND	4.69							V, Pb

SOURCE: 0699MW02

Sampling Dates:
05/24/1995 - 05/26/2005

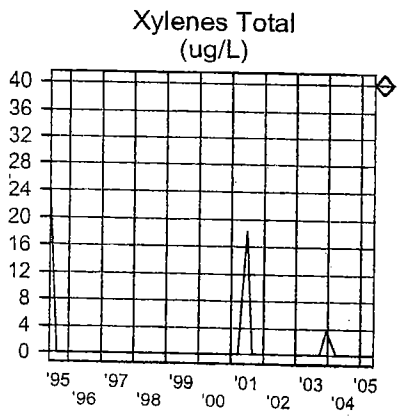
NOTES:

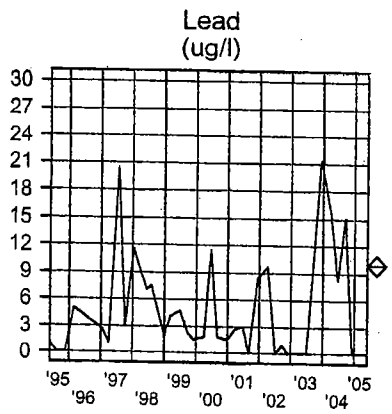
FORT MONMOUTH

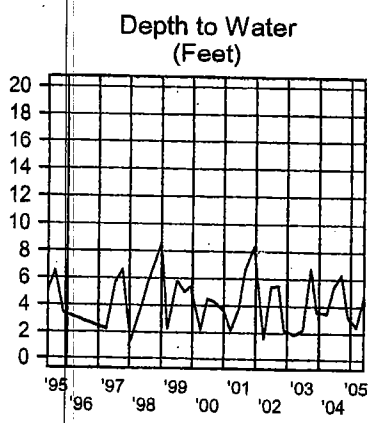
GW MONITORING
Bldg. 699

Source 2 of 13 (cont.)

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 0699MW02

Sampling Dates:
05/24/1995 - 05/26/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 2 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet		-
NJDEP Criteria:	-	NLE	70	1	1000	700	40	10	-		-
05/24/1995	EMSL	1200	350	38000	36000	2900	17000	5.1	4.92		A
08/16/1995	EMSL	ND	ND	31000	26000	2600	13000	3.0	6.20		
11/20/1995	EMSL	ND	ND	18000	17000	1900	12000	ND	4.84		C
02/21/1996	EMSL	ND	230	26000	31000	2300	16000	ND	-		D
05/24/1996	FMEL	ND	ND	-	-	-	-	5.1	-		
10/01/1996	FMEL	ND	ND	-	-	-	-	2.6	-		
01/28/1997	FMEL	ND	ND	-	-	-	-	-	-		
04/03/1997	FMETL	ND	ND	1250	2300	295	2970	3.1	2.88		V,Pb
07/21/1997	FMETL	417	176	42800	24500	4180	26400	5.8	6.20		V,Pb
10/09/1997	FMETL	ND	64	25000	35000	2300	15600	1.1	6.40		V,Pb
01/15/1998	FMETL	151	57	10100	15700	930	2040	0.9	3.70		V,Pb
06/08/1998	FMETL	ND	ND	13200	18200	1100	7800	1.5	3.90		V,Pb
07/28/1998	FMETL	ND	78.1	23700	35800	2000	13200	4.2	5.35		V,Pb
03/10/1999	FMETL	ND	ND	2230	1480	ND	347	1.9	3.57		V,Pb
06/28/1999	FMETL	ND	ND	19287	29138	1930	17478	3.2	5.58		V,Pb
09/25/1999	FMETL	ND	ND	11670	19690	1121	14274	2.2	3.77		V,Pb
11/30/1999	FMETL	ND	ND	7292	8393	1604	12262	1.11	5.27		V,Pb
03/29/2000	FMETL	ND	ND	31787.92	36819.47	3735.14	29170.61	ND	3.49		V,Pb
06/16/2000	FMETL	ND	ND	14116.04	24012.73	1812.68	14597.89	1.6	4.04		V,Pb
09/07/2000	FMETL	ND	ND	33296.34	52021.62	2901.59	28177.76	ND	4.22		V,Pb
12/27/2000	FMETL	-	-	-	-	-	-	-	3.47		No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	2.17		No Samp
06/19/2001	FMETL	246.45	93.34	33224.84	38489.48	1693.43	14775.44	7.78	4.97		V,Pb
08/30/2001	FMETL	ND	ND	26703.62	52102.97	4632.23	32157.19	4.70	6.65		V, Pb
12/13/2001	FMETL	ND	ND	14353.47	21072.76	1885.19	23384.35	9.3	7.75		V, Pb
03/27/2002	FMETL	282.02	90.20	13946.94	15981.11	980.35	5855.38	6.13	5.47		V, Pb
06/26/2002	FMETL	ND	63.08	4399.81	3832.32	1055.62	3728.84	1.70	6.36		V, Pb
09/19/2002	FMETL	ND	ND	6664.83	10186.92	1452.67	8003.46	2.88	5.89		V, Pb
11/26/2002	FMETL	ND	ND	1817.43	3901.24	440.76	6032.4	1.53	4.08		V, Pb
03/17/2003	FMETL	ND	ND	6018.91	11329.00	848.98	13156.38	1.37	3.41		V, Pb
06/25/2003	FMETL	ND	ND	4801.67	13280.92	1300.05	10076.68	7.50	3.35		V, Pb
09/24/2003	FMETL	ND	ND	1591.3	3276.61	487.55	4365.72	9.28	5.23		V, Pb
12/08/2003	FMETL	ND	ND	174.93	359.64	23.85	468.8	7.41	4.46		V, Pb
03/29/2004	FMETL	ND	ND	1285.76	2676.44	320.11	3008.8	7.72	4.15		-
06/18/2004	FMETL	ND	3.69	4052.45	9939.74	1873.95	9190.47	8.17	5.15		V, Pb
09/16/2004	FMETL	ND	ND	2442.22	9207.20	1687.51	11076.35	19.5	6.30		V,Pb
12/02/2004	FMETL	ND	ND	1616.64	5430.07	340.96	4172.96	7.37	4.63		V, Pb
03/04/2005	FMETL	ND	1341.42	26.73	97.95	194.88	1127.68	ND	3.50		V,Pb
05/23/2005	FMETL	ND	ND	2164.78	13281.86	1088.66	13310.11	ND	4.43		V, Pb

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SOURCE: 0699MW03

Sampling Dates:
05/24/1995 - 05/23/2005

NOTES:

FORT MONMOUTH

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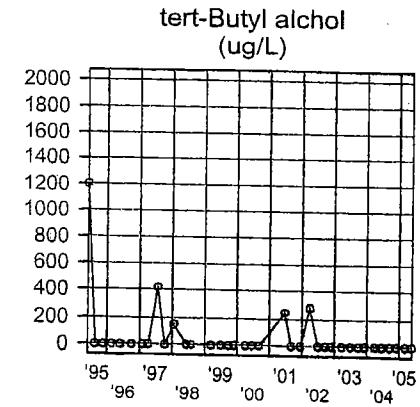

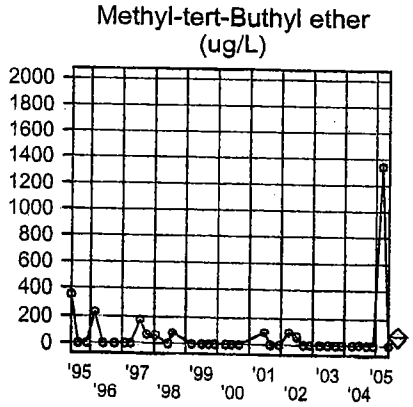

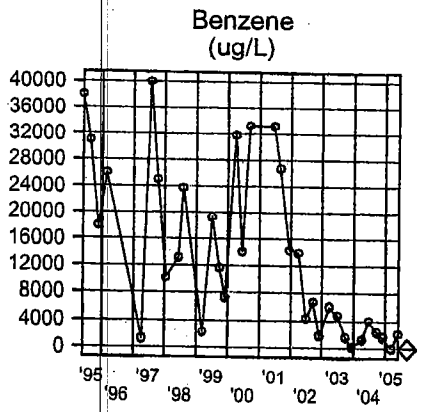

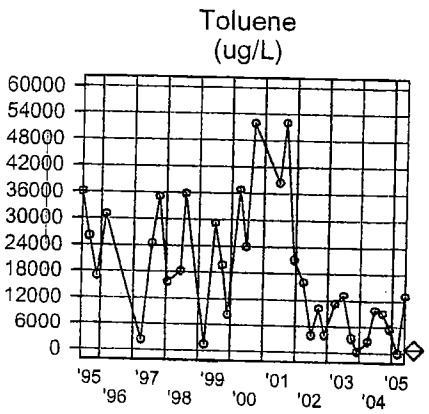

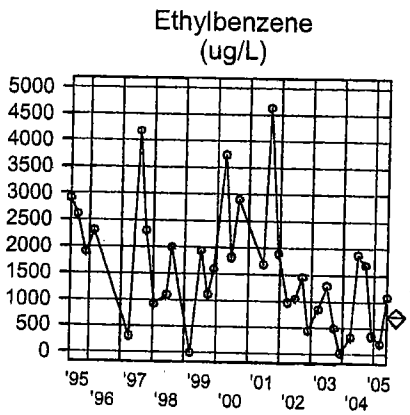

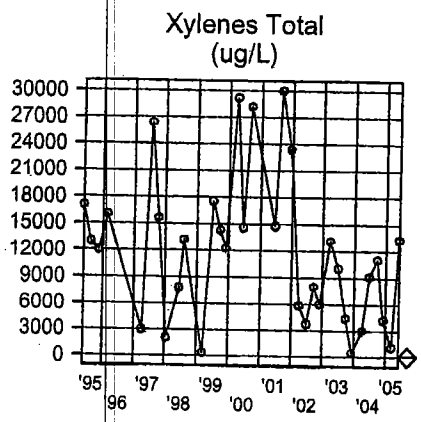

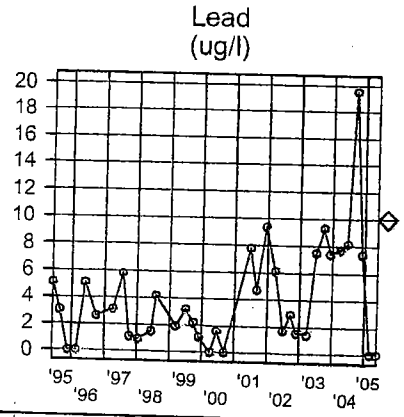

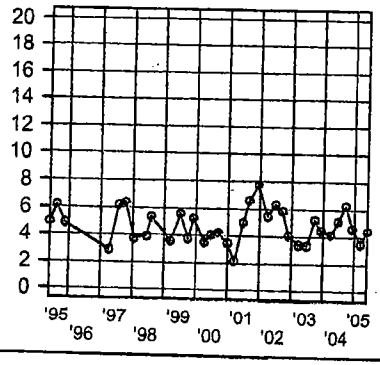

SOURCE: 0699MW03

Sampling Dates:
05/24/1995 - 05/23/2005

LEGEND:

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NJDEP Criteria

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	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet		-
NJDEP Criteria:	-	NLE	70	1	1000	700	40	10	-		-
02/21/1996	EMSL	ND	2000	22000	36000	3100	20000	6	-		D
05/24/1996	FMEL	-	-	-	-	-	-	9.5	-		
10/04/1996	FMEL	-	-	-	-	-	-	3.6	-		
01/17/1997	FMEL	-	-	-	-	-	-	-	-		
04/04/1997	FMETL	ND	ND	29800	47000	90400	106000	6.1	3.00		V,Pb
07/22/1997	FMETL	449	665	23900	12000	4200	33400	10.0	5.65		V,Pb
10/09/1997	FMETL	-	-	-	-	-	-	-	-		V
01/16/1998	FMETL	ND	314	8320	18500	1560	13400	4.2	No Info.		V,Pb
06/08/1998	FMETL	ND	ND	7500	12000	910	10800	3.4	3.39		V,Pb
07/29/1998	FMETL	ND	305	13200	29900	2600	17800	1.1	5.38		V,Pb
03/11/1999	FMETL	175	345	13700	24900	1940	22600	7.0	3.51		V,Pb
06/28/1999	FMETL	ND	462	22845	36112	4050	26428	3.7	5.61		V,Pb
09/25/1999	FMETL	ND	503	18325	35126	2767	28915	2.8	4.37		V,Pb
11/30/1999	FMETL	291	431	6786	6875	2749	2306	2.99	5.29		V,Pb
03/29/2000	FMETL	ND	1310.92	23876.56	35221.45	3939.02	58860.58	3.8	3.92		V,Pb
06/16/2000	FMETL	ND	423.46	13205.94	36760.95	3914.24	26070.74	5.1	3.85		V,Pb
09/07/2000	FMETL	ND	ND	20681.84	48031.80	2928.53	47529.43	3.4	4.07		V,Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	4.20		No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	3.17		No Samp
06/19/2001	FMETL	ND	97.87	36303.01	48404.42	6425.13	38765.03	4.22	5.42		V,Pb
08/30/2001	FMETL	-	-	-	-	-	-	-	7.02		No samp
12/13/2001	FMETL	-	-	-	-	-	-	-	8.03		No Samp
03/25/2002	FMETL	-	-	-	-	-	-	-	7.01		No Samp
06/26/2002	FMETL	ND	392.81	2170.64	17663.04	3784.80	28701.21	8.79	6.91		V, Pb
09/19/2002	FMETL	ND	113.05	952.77	9979.40	1251.22	20801.87	5.22	6.22		V, Pb
11/26/2002	FMETL	ND	179.91	496.67	2464.04	654.3	5406.75	3.52	4.70		-
03/17/2003	FMETL	ND	2223.21	192.35	1663.88	274.67	4233.47	4.88	4.05		V, Pb
06/30/2003	FMETL	ND	470.51	218.88	1069.37	491.96	5098.43	4.78	4.20		V, Pb
09/24/2003	FMETL	ND	242.15	ND	10.59	9.38	93.98	11.6	7.51		V, Pb
12/08/2003	FMETL	ND	374.95	70.34	67.37	51.04	431.42	10.7	4.46		V, Pb
03/29/2004	FMETL	ND	385.18	441.52	1825.02	1063.68	10392.74	21.4	4.79		V,Pb
06/18/2004	FMETL	ND	176.57	283.45	565.18	629.5	5105.97	ND	5.77		-
09/16/2004	FMETL	ND	69.13	65.02	55.95	213.567	429.78	17.8	6.92		V,Pb
12/02/2004	FMETL	ND	435.48	19.26	44.46	40.86	37.78	ND	5.21		V, Pb
03/07/2005	FMETL	ND	ND	449.60	8179.65	122.25	1462.72	ND	4.61		V,Pb
05/26/2005	FMETL	ND	216.57	10.41	5.81	21.12	63.14	ND	5.16		V, Pb

SOURCE: 0699MW04

Sampling Dates:
02/21/1996 - 05/26/2005

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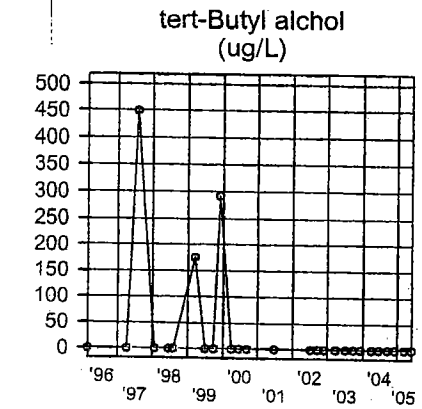

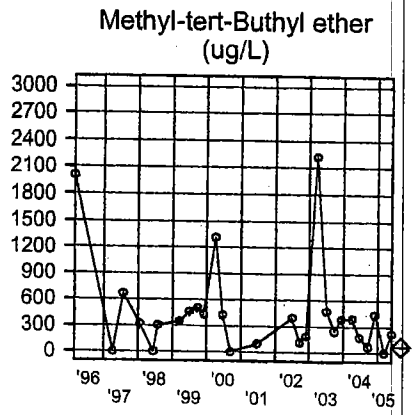

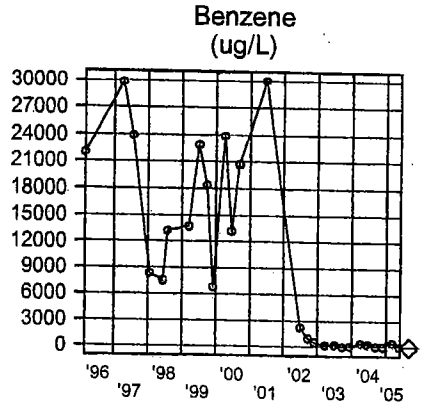

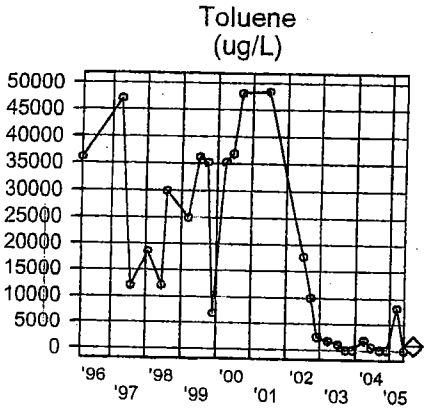

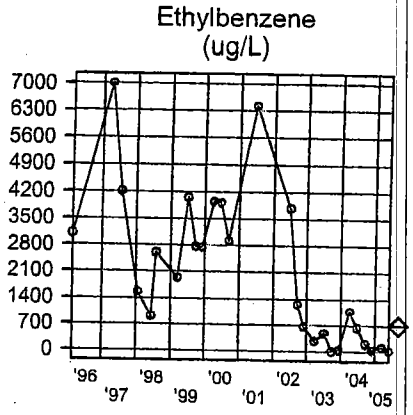

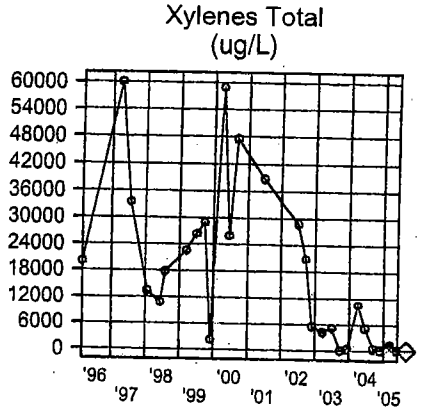

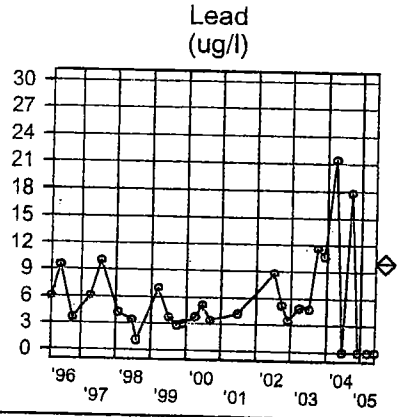

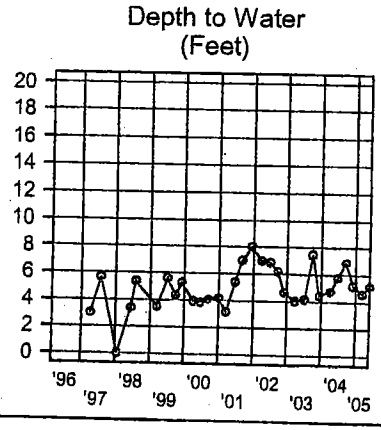

SOURCE: 0699MW04

Sampling Dates:
02/21/1996 - 05/26/2005

LEGEND:

PARAMETER

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NJDEP Criteria

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	Lab	Chloroform	Lead	Depth to Water							Notes
Units:	-	ug/L	ug/l	Feet							-
NJDEP Criteria:	-	6	10	-							-
05/24/1995	EMSL	3.3	1.9	4.77							
08/16/1995	EMSL	2.2	3.0	6.03							
11/20/1995	EMSL	7.1	ND	4.26							C
02/21/1996	EMSL	4.3	9	-							D
05/24/1996	FMETL	-	1.9	-							
01/15/1997	FMETL	-	-	-							
04/03/1997	FMETL	ND	1.9	2.38							V,Pb
07/21/1997	FMETL	ND	8.2	5.40							V,Pb
10/09/1997	FMETL	ND	ND	6.30							V,Pb
01/14/1998	FMETL	ND	ND	3.30							V,Pb
06/08/1998	FMETL	ND	1.4	4.97							V,Pb
07/28/1998	FMETL	ND	ND	5.27							V,Pb
12/30/1998	FMETL	ND	1.2	7.44							V,Pb
03/11/1999	FMETL	ND	9.9	3.04							V,Pb
06/28/1999	FMETL	ND	1.9	5.42							V,Pb
09/24/1999	FMETL	88.42	ND	0.8							V,Pb
11/30/1999	FMETL	83.15	1.25	4.82							V,Pb
03/29/2000	FMETL	67.25	ND	3.03							V,Pb
06/16/2000	FMETL	30.63	2.7	3.97							V,Pb
09/07/2000	FMETL	26.77	ND	4.03							V,Pb
12/28/2000	FMETL	17.26	1.9	4.00							V,Pb
03/12/2001	FMETL	20.51	2.23	2.91							V, Pb
06/19/2001	FMETL	ND	1.00	4.21							V,Pb
08/30/2001	FMETL	5.06	1.41	6.25							V, Pb
12/13/2001	FMETL	10.32	8.3	7.40							V, Pb
03/27/2002	FMETL	3.81	ND	5.05							V, Pb
06/26/2002	FMETL	3.99	ND	5.34							V, Pb
11/26/2002	FMETL	0.94	ND	3.23							V, Pb
03/17/2003	FMETL	ND	ND	2.75							V, Pb
06/25/2003	FMETL	ND	3.46	2.80							V, Pb
09/24/2003	FMETL	ND	6.04	5.23							V, Pb
12/08/2003	FMETL	ND	6.60	3.90							V, Pb
03/29/2004	FMETL	ND	6.51	3.51							V,Pb
06/18/2004	FMETL	ND	11.2	4.54							V, Pb
09/16/2004	FMETL	ND	5.33	5.70							V,Pb
12/02/2004	FMETL	ND	ND	3.64							V, Pb
03/04/2005	FMETL	ND	ND	3.03							V,Pb
05/26/2005	FMETL	ND	ND	3.96							V, Pb

SOURCE: 0699MW05

Sampling Dates:
05/24/1995 - 05/26/2005

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FORT MONMOUTH

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Source 5 of 13

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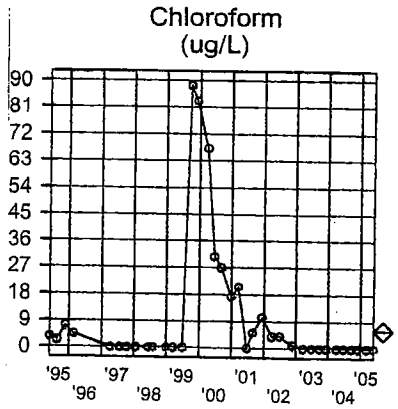

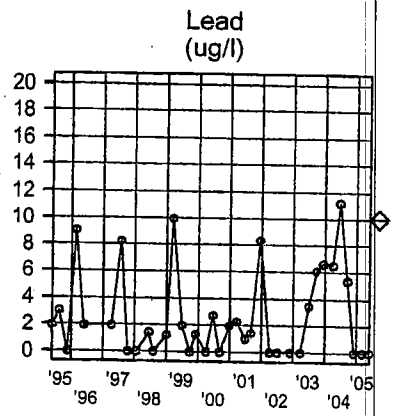

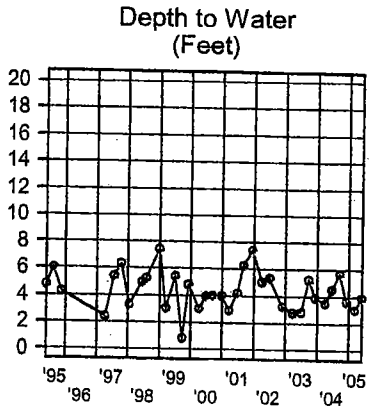

SOURCE: 0699MW05

Sampling Dates:
05/24/1995 - 05/26/2005

LEGEND:

PARAMETER

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NJDEP Criteria

FORT MONMOUTH

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SELFM-PW-EV

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet		-
NJDEP Criteria:	-	NLE	70	1	1000	700	40	10	-		-
05/24/1995	EMSL	37	12	2000	6800	2000	6200	2.3	5.04		B
08/16/1995	EMSL	ND	150	7500	4600	1900	4300	ND	6.43		
11/20/1995	EMSL	ND	ND	2100	2400	1200	3500	ND	4.77		C
02/21/1996	EMSL	ND	ND	140	560	350	1200	4	-		D
05/23/1996	FMEL	-	-	-	-	-	-	2.3	-		
01/17/1997	FMEL	-	-	-	-	-	-	-	-		
04/04/1997	FMETL	ND	ND	ND	ND	1.7	3.4	3.9	2.82		V,Pb
07/22/1997	FMETL	ND	ND	860	2880	2290	8180	9.7	5.95		V,Pb
10/10/1997	FMETL	ND	26	1980	515	1280	2870	ND	6.80		V,Pb
01/15/1998	FMETL	ND	ND	ND	ND	ND	ND	0.7	3.75		V,Pb
06/08/1998	FMETL	ND	3.01	233	90	87	245	1.8	4.21		V,Pb
07/28/1998	FMETL	ND	44.07	1610	756	1430	4160	2.1	5.66		V,Pb
03/10/1999	FMETL	ND	ND	10.5	3.28	3.81	12.5	ND	3.42		V,Pb
06/28/1999	FMETL	187	179	3269	1540	1900	5563	236.2	5.89		V,Pb
09/24/1999	FMETL	57.6	42.2	46.2	4.77	384	124	ND	3.85		V,Pb
11/30/1999	FMETL	97.69	68.11	142	96.10	861	2804	2.2	5.36		V,Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	2.2	3.46		V,Pb
06/16/2000	FMETL	ND	5.92	23.33	13.58	177.39	269.32	2.6	4.26		V,Pb
09/07/2000	FMETL	ND	7.73	99.61	50.80	1639.13	3491.32	1.2	4.46		V,Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	4.15		No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	3.05		No Samp
06/19/2001	FMETL	ND	3.70	761.06	546.35	985.71	1544.89	4.73	4.78		V,Pb
08/30/2001	FMETL	ND	ND	1177.19	1684.62	1881.59	4730.19	4.89	6.77		V, Pb
12/13/2001	FMETL	ND	ND	401.96	360.71	366.92	964.27	2.7	7.77		V, Pb
03/27/2002	FMETL	ND	ND	1.09	2.98	3.00	12.48	19.0	5.21		V, Pb
06/26/2002	FMETL	-	-	-	-	-	-	-	6.12		No Samp
09/19/2002	FMETL	ND	ND	10.5	9.64	114.43	368.32	1.53	6.15		V, Pb
11/26/2002	FMETL	ND	ND	11.72	3.78	74.15	82.33	ND	3.91		V, Pb
03/17/2003	FMETL	ND	ND	10.72	11.52	95.60	212.63	ND	3.11		V, Pb
06/25/2003	FMETL	ND	ND	1.48	1.88	73.82	73.11	9.87	3.17		V, Pb
09/24/2003	FMETL	ND	ND	23.51	20.87	183.13	459.18	9.96	5.27		V, Pb
12/08/2003	FMETL	ND	ND	ND	0.68	6.25	13.38	28.0	4.50		V, Pb
03/29/2004	FMETL	ND	ND	0.51	ND	10.62	7.63	19.3	4.01		V,Pb
06/18/2004	FMETL	ND	ND	0.79	1.73	10.98	11.43	12.7	5.23		V, Pb
09/16/2004	FMETL	ND	ND	1.63	3.27	73.98	174.46	37.1	6.38		V,Pb
12/02/2004	FMETL	ND	ND	3.70	2.74	75.31	127.8	ND	4.51		V, Pb
03/04/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	3.33		V,Pb
05/26/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	3.96		V, Pb

SOURCE: 0699MW06

Sampling Dates:
05/24/1995 - 05/26/2005

NOTES:

FORT MONMOUTH

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U.S.ARMY
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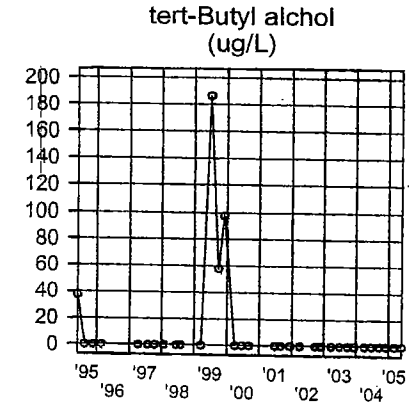

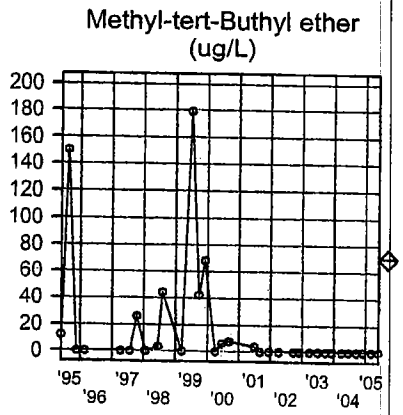

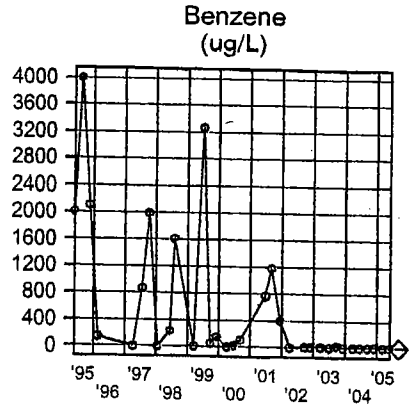

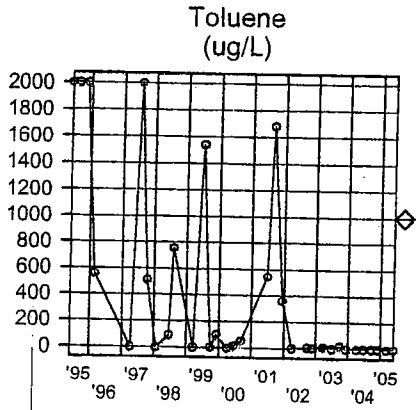

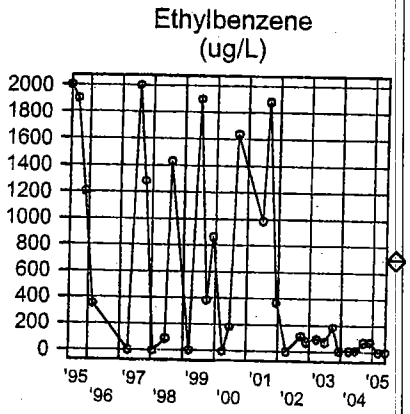

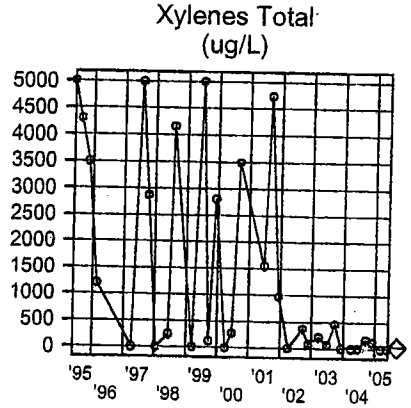

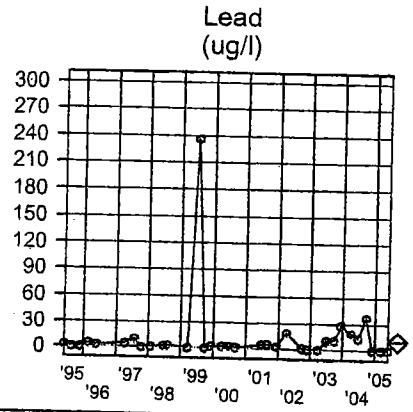

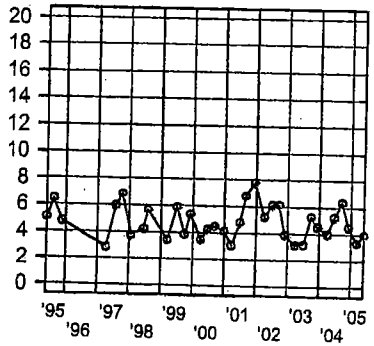

SOURCE: 0699MW06

Sampling Dates:
05/24/1995 - 05/26/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 6 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-15-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	Lead	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	10	-								-
05/24/1995	EMSL	2.0	5.21								
08/16/1995	EMSL	6.2	6.57								
11/20/1995	EMSL	ND	5.32								C
02/21/1996	EMSL	5	-								D
05/28/1996	FMEL	2.0	-								
10/04/1996	FMEL	ND	-								
01/17/1997	FMEL	-	-								
04/04/1997	FMETL	1.1	3.40								V,Pb
07/21/1997	FMETL	1.8	5.48								V,Pb
10/10/1997	FMETL	0.5	6.70								V,Pb
01/15/1998	FMETL	ND	4.20								V,Pb
06/09/1998	FMETL	1.3	4.03								V,Pb
07/28/1998	FMETL	2.1	5.25								V,Pb
12/30/1998	FMETL	ND	8.04								V,Pb
03/10/1999	FMETL	ND	4.08								V,Pb
06/28/1999	FMETL	1.8	5.45								V,Pb
09/24/1999	FMETL	1.8	5.74								V,Pb
11/30/1999	FMETL	0.95	5.67								V,Pb
03/29/2000	FMETL	1.7	3.75								V,Pb
06/16/2000	FMETL	1.9	4.28								V,Pb
09/07/2000	FMETL	ND	4.34								V,Pb
12/28/2000	FMETL	ND	4.65								V,Pb
03/12/2001	FMETL	2.68	3.29								V, Pb
06/19/2001	FMETL	3.11	5.18								V,Pb
06/19/2001D	FMETL	2.66	5.18								V,Pb
08/30/2001	FMETL	ND	6.53								V, Pb
08/30/2001D	FMETL	1.81	6.53								V, Pb
12/13/2001	FMETL	1.4	8.04								V, Pb
03/27/2002	FMETL	ND	6.35								V, Pb
06/26/2002	FMETL	2.70	6.25								V, Pb
09/19/2002	FMETL	0.97	6.20								V, Pb
11/26/2002	FMETL	ND	4.34								V, Pb
03/17/2003	FMETL	1.31	3.61								V, Pb
06/30/2003	FMETL	ND	3.65								V, Pb
09/24/2003	FMETL	ND	5.96								V, Pb
12/08/2003	FMETL	0.900	5.25								V, Pb
03/29/2004	FMETL	ND	4.33								V,Pb
06/18/2004	FMETL	ND	5.06								V, Pb
09/16/2004	FMETL	ND	6.35								V,Pb

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SOURCE: 0699MW08

Sampling Dates:
05/24/1995 - 05/26/2005

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 7 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Lead	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	10	-								-
12/02/2004	FMETL	ND	5.40								V, Pb
03/07/2005	FMETL	ND	3.60								V,Pb
05/26/2005	FMETL	ND	4.55								V, Pb

SOURCE: 0699MW08

Sampling Dates:
05/24/1995 - 05/26/2005

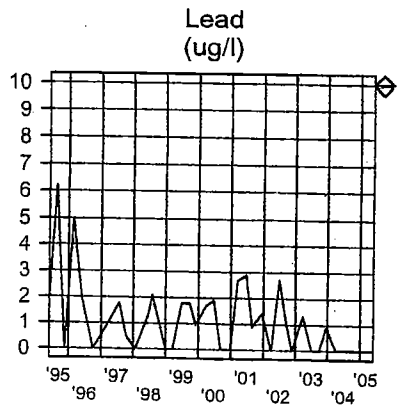
NOTES:

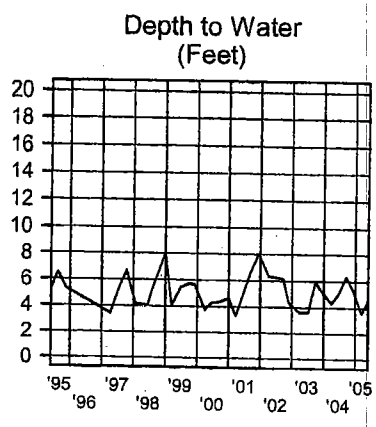
FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 7 of 13 (cont.)

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 0699MW08

Sampling Dates:
05/24/1995 - 05/26/2005

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Source 7 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

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	Lab	Tetra chloro ethene	Lead	Depth to Water							Notes
Units:	-	ug/L	ug/l	Feet							-
NJDEP Criteria:	-	1	10	-							-
05/24/1995	EMSL	ND	1.9	5.34							
08/16/1995	EMSL	ND	ND	6.92							
11/20/1995	EMSL	ND	ND	4.83							C
02/21/1996	EMSL	ND	ND	-							D
05/23/1996	FMEL	ND	1.9	-							
10/01/1996	FMEL	ND	-	-							
01/15/1997	FMEL	ND	-	-							
04/03/1997	FMETL	ND	1.0	2.41							V,Pb
07/21/1997	FMETL	ND	0.6	6.25							V,Pb
10/09/1997	FMETL	ND	ND	7.10							V,Pb
01/14/1998	FMETL	ND	ND	3.70							V,Pb
06/09/1998	FMETL	ND	1.0	4.51							V,Pb
07/28/1998	FMETL	ND	1.1	5.99							V,Pb
12/30/1998	FMETL	ND	ND	7.93							V,Pb
03/09/1999	FMETL	ND	ND	3.47							V,Pb
06/28/1999	FMETL	ND	1.3	6.14							V,Pb
09/24/1999	FMETL	9.76	1.5	4.97							V,Pb
11/30/1999	FMETL	539	0.86	5.57							V,Pb
03/29/2000	FMETL	ND	0.80	3.27							V,Pb
06/16/2000	FMETL	20.65	1.1	4.57							V,Pb
09/07/2000	FMETL	17.00	ND	4.80							V,Pb
12/28/2000	FMETL	5.66	0.9	4.42							V,Pb
03/12/2001	FMETL	ND	1.85	3.07							V, Pb
06/19/2001	FMETL	2.24	ND	4.83							V,Pb
08/30/2001	FMETL	4.68	ND	7.07							V, Pb
12/13/2001	FMETL	2.25	ND	7.96							V, Pb
03/25/2002	FMETL	1.81	ND	5.36							V, Pb
06/26/2002	FMETL	2.55	0.94	6.25							V, Pb
09/19/2002	FMETL	2.86	ND	6.49							V, Pb
11/26/2002	FMETL	1.30	ND	3.57							V, Pb
03/17/2003	FMETL	ND	ND	3.00							V, Pb
06/30/2003	FMETL	ND	ND	4.03							V, Pb
09/24/2003	FMETL	1.37	1.84	6.07							V, Pb
12/08/2003	FMETL	ND	3.53	4.74							V, Pb
03/29/2004	FMETL	ND	ND	3.95							V,Pb
06/18/2004	FMETL	ND	ND	5.40							V, Pb
09/16/2004	FMETL	0.70	ND	6.60							V,Pb
12/02/2004	FMETL	ND	ND	4.42							V, Pb
03/04/2005	FMETL	ND	ND	3.21							V,Pb

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SOURCE: 0699MW09

Sampling Dates:
05/24/1995 - 05/23/2005

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Tetra chloro ethene	Lead	Depth to Water							Notes
Units:	-	ug/L	ug/l	Feet							-
NJDEP Criteria:	-	1	10	-							-
05/23/2005	FMETL	ND	ND	4.33							V, Pb

SOURCE: 0699MW09

Sampling Dates:
05/24/1995 - 05/23/2005

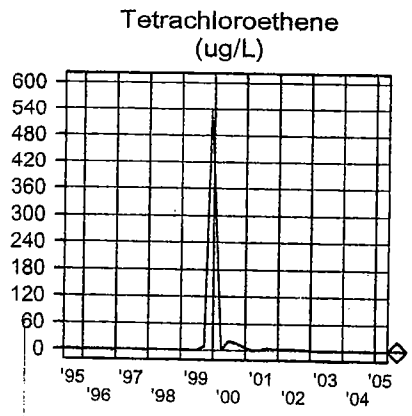
NOTES:

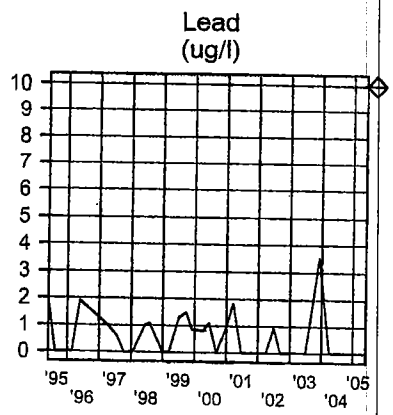
FORT MONMOUTH

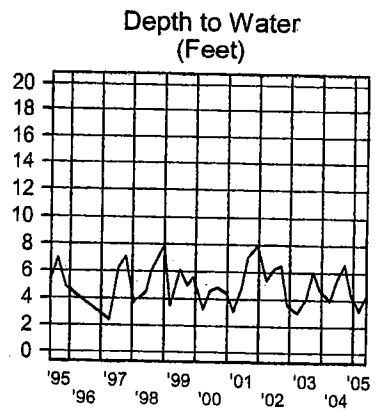
GW MONITORING
Bldg. 699

Source 8 of 13 (cont.)

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 0699MW09

Sampling Dates:
05/24/1995 - 05/23/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 8 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

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	Lab	Methy-tert-Butyl ether	Lead	Depth to Water							Notes
Units:	-	ug/L	ug/l	Feet							-
NJDEP Criteria:	-	70	10	-							-
05/24/1995	EMSL	ND	3.7	5.66							
08/16/1995	EMSL	ND	ND	7.09							
11/20/1995	EMSL	ND	ND	5.90							C
02/21/1996	EMSL	ND	ND	-							D
05/23/1996	FMETL	ND	1.5	-							
01/15/1997	FMETL	-	-	-							
04/02/1997	FMETL	ND	1.1	3.64							V,Pb
07/21/1997	FMETL	ND	1.8	6.20							V,Pb
10/08/1997	FMETL	ND	ND	7.30							V,Pb
01/14/1998	FMETL	ND	0.5	4.80							V,Pb
06/11/1998	FMETL	ND	0.6	4.69							V,Pb
07/28/1998	FMETL	ND	0.9	5.89							V,Pb
12/30/1998	FMETL	ND	2.8	7.5							V,Pb
03/09/1999	FMETL	ND	ND	4.57							V,Pb
06/28/1999	FMETL	ND	2.4	6.11							V,Pb
09/24/1999	FMETL	ND	1.2	8.13							V,Pb
11/30/1999	FMETL	ND	ND	6.18							V,Pb
03/29/2000	FMETL	ND	1.5	4.26							V,Pb
06/16/2000	FMETL	ND	0.9	4.76							V,Pb
09/07/2000	FMETL	ND	ND	5.02							V,Pb
12/28/2000	FMETL	ND	ND	5.23							V,Pb
03/12/2001	FMETL	ND	2.51	3.69							V, Pb
06/19/2001	FMETL	ND	ND	5.64							V,Pb
08/30/2001	FMETL	ND	ND	7.28							V, Pb
12/13/2001	FMETL	ND	1.0	8.59							V, Pb
03/25/2002	FMETL	ND	ND	6.89							V, Pb
06/26/2002	FMETL	ND	ND	6.85							V, Pb
09/19/2002	FMETL	ND	1.26	6.95							V, Pb
11/26/2002	FMETL	ND	ND	4.90							V, Pb
03/17/2003	FMETL	ND	ND	4.15							V, Pb
06/30/2003	FMETL	ND	ND	4.26							V, Pb
09/24/2003	FMETL	ND	ND	6.55							V, Pb
12/08/2003	FMETL	ND	ND	5.80							V, Pb
03/29/2004	FMETL	ND	ND	4.90							V,Pb
06/18/2004	FMETL	ND	ND	5.72							V, Pb
09/16/2004	FMETL	ND	ND	7.00							V,Pb
12/02/2004	FMETL	ND	ND	5.73							V, Pb
03/04/2005	FMETL	28.99	ND	4.04							V,Pb
05/23/2005	FMETL	4.62	ND	5.09							V, Pb

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SOURCE: 0699MW12

Sampling Dates:
05/24/1995 - 05/23/2005

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

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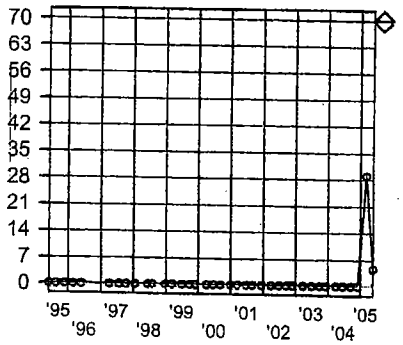
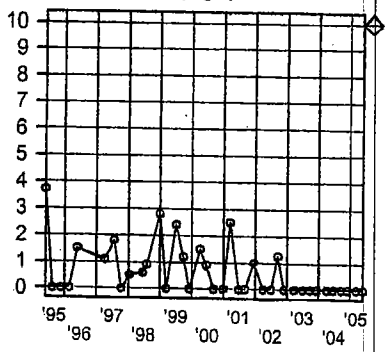
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

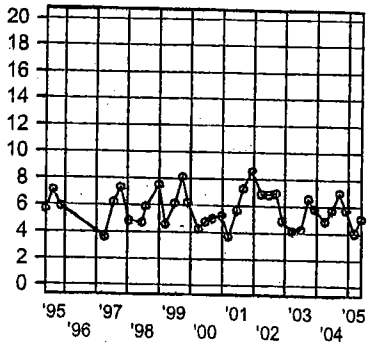
Methyl-tert-Buthyl ether
(ug/L)



Lead
(ug/l)



Depth to Water
(Feet)



SOURCE: 0699MW12

Sampling Dates:
05/24/1995 - 05/23/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 9 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Lead	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	10	-								-
02/20/1996	EMSL	ND	-								D
05/22/1996	FMEL	1.7	-								
10/01/1996	FMEL	-	-								
01/13/1997	FMEL	2.3	-								
04/02/1997	FMETL	1.9	2.04								V,Pb
07/16/1997	FMETL	5.5	5.55								V,Pb
10/07/1997	FMETL	ND	5.90								V,Pb
01/09/1998	FMETL	ND	1.25								V,Pb
06/09/1998	FMETL	26.0	4.58								V,Pb
07/29/1998	FMETL	24.4	5.63								V,Pb
12/30/1998	FMETL	16.6	7.95								V,Pb
03/09/1999	FMETL	2.3	2.34								V,Pb
06/28/1999	FMETL	22.9	5.68								V,Pb
09/24/1999	FMETL	5.1	4.81								V,Pb
11/30/1999	FMETL	3.39	5.00								V,Pb
03/29/2000	FMETL	2.3	2.21								V,Pb
06/16/2000	FMETL	15.5	4.37								V,Pb
09/07/2000	FMETL	7.0	3.99								V,Pb
09/07/2000D	FMETL	8.1	3.99								V,Pb
12/28/2000	FMETL	4.0	3.73								V,Pb
12/28/2000D	FMETL	4.0	3.73								V,Pb
03/12/2001	FMETL	15.92	2.59								V,Pb
03/12/2001D	FMETL	13.38	2.59								V, Pb
06/19/2001	FMETL	3.21	3.35								V, Pb
08/30/2001	FMETL	5.82	5.92								V,Pb
12/13/2001	FMETL	3.9	7.21								V, Pb
03/27/2002	FMETL	5.51	1.73								V, Pb
06/26/2002	FMETL	2.30	4.71								V, Pb
09/19/2002	FMETL	3.35	4.84								V, Pb
11/26/2002	FMETL	ND	2.14								V, Pb
03/17/2003	FMETL	ND	2.13								V, Pb
06/25/2003	FMETL	2.91	2.35								V, Pb
09/24/2003	FMETL	8.96	5.03								V, Pb
12/08/2003	FMETL	6.74	3.05								V, Pb
03/29/2004	FMETL	15.1	3.05								V,Pb
06/18/2004	FMETL	ND	4.55								V, Pb
09/16/2004	FMETL	8.41	5.61								V,Pb
12/06/2004	FMETL	ND	3.09								V, Pb
03/07/2005	FMETL	ND	2.53								V,Pb

SOURCE: 0699MW15

Sampling Dates:
02/20/1996 - 05/26/2005

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 10 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Lead	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	10	-								-
05/26/2005	FMETL	ND	3.95								V, Pb

SOURCE: 0699MW15

Sampling Dates:
02/20/1996 - 05/26/2005

NOTES:

FORT MONMOUTH

GW MONITORING
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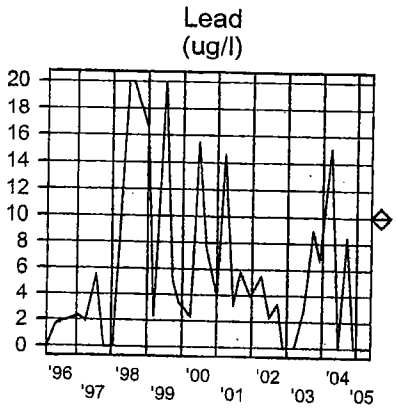
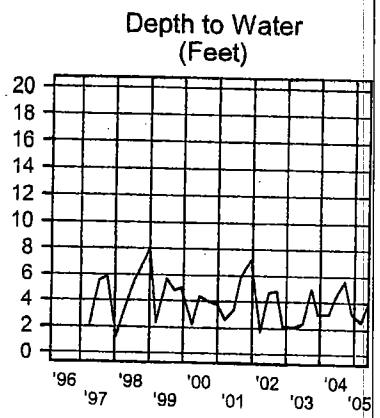
Source 10 of 13 (cont.)

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 0699MW15

Sampling Dates:
02/20/1996 - 05/26/2005

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

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	Lab	Chloroform	Lead	Depth to Water							Notes
Units:	-	ug/L	ug/l	Feet							-
NJDEP Criteria:	-	6	10	-							-
11/21/1995	EMSL	1.1	ND	5.19							D
02/20/1996	EMSL	17	6	-							
05/23/1996	FMEL	-	1.1	-							
10/01/1996	FMEL	-	-	-							
01/15/1997	FMEL	-	-	-							
04/03/1997	FMETL	ND	1.0	1.67							V,Pb
07/21/1997	FMETL	14.58	2.7	6.80							V,Pb
10/08/1997	FMETL	ND	ND	7.60							V,Pb
01/14/1998	FMETL	5.01	ND	2.80							V,Pb
06/09/1998	FMETL	24.08	1.4	4.55							V,Pb
07/28/1998	FMETL	12.93	ND	6.23							V,Pb
12/30/1998	FMETL	5.06	ND	7.63							V,Pb
03/09/1999	FMETL	13.6	ND	2.54							V,Pb
06/28/1999	FMETL	21.79	ND	6.39							V,Pb
09/24/1999	FMETL	ND	1.2	6.72							V,Pb
11/30/1999	FMETL	6.34	0.92	5.47							V,Pb
03/29/2000	FMETL	ND	1.9	2.38							V,Pb
06/16/2000	FMETL	16.18	1.3	4.44							V,Pb
09/07/2000	FMETL	4.70	ND	4.96							V,Pb
12/28/2000	FMETL	1.67	ND	3.93							V,Pb
03/12/2001	FMETL	5.98	2.92	2.47							V,Pb
06/19/2001	FMETL	5.31	ND	5.00							V,Pb
08/30/2001	FMETL	1.02	ND	7.26							V, Pb
12/13/2001	FMETL	1.67	ND	7.64							V, Pb
03/25/2002	FMETL	10.09	ND	4.92							V, Pb
06/26/2002	FMETL	10.83	ND	5.79							V, Pb
09/19/2002	FMETL	2.64	ND	7.34							V, Pb
11/26/2002	FMETL	14.38	ND	2.57							V, Pb
03/17/2003	FMETL	31.83	ND	2.34							V, Pb
09/24/2003	FMETL	2.91	ND	6.22							V, Pb
12/08/2003	FMETL	4.25	ND	4.04							V, Pb
03/29/2004	FMETL	7.31	ND	3.25							V,Pb
06/18/2004	FMETL	3.54	ND	5.23							V, Pb
09/16/2004	FMETL	1.43	ND	6.51							V,Pb
12/02/2004	FMETL	3.56	ND	3.62							V, Pb
03/04/2005	FMETL	26.07	ND	2.48							V,Pb
05/23/2005	FMETL	15.51	ND	3.72							V, Pb

SOURCE: 0699MW16

Sampling Dates:
11/21/1995 - 05/23/2005

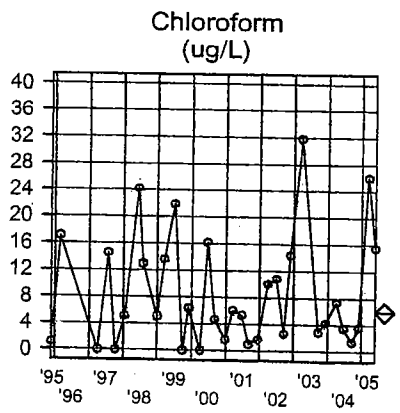
NOTES:

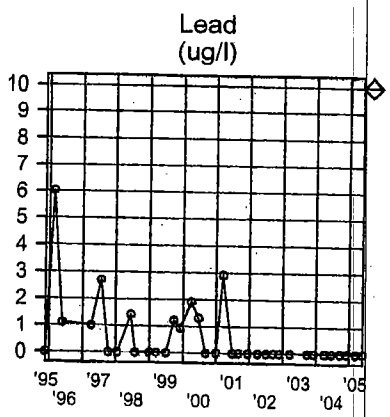
FORT MONMOUTH

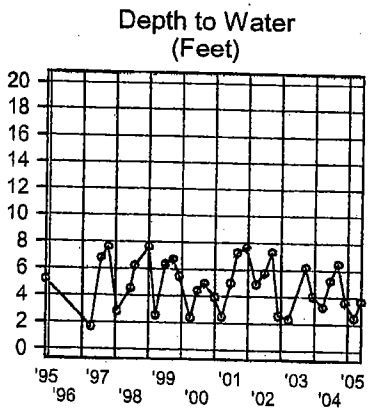
GW MONITORING
Bldg. 699

Source 11 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 0699MW16

Sampling Dates:
11/21/1995 - 05/23/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 11 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-15-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	tert-Butyl alcohol	Methy-tert-Butyl ether	Benzene	Toluene	Ethyl benzene	Total Xylenes	Lead	Depth to Water		Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet		-
NJDEP Criteria:	-	NLE	70	1	1000	700	40	10	-		-
04/04/1997	FMETL	ND	ND	5100	5100	3200	20500	1.8	-		V,Pb
07/22/1997	FMETL	302	512	5480	3530	1270	4260	1.3	-		V,Pb
10/10/1997	FMETL	ND	1055	6970	3760	860	8340	4.5	-		V,Pb
01/16/1998	FMETL	ND	268	2120	740	540	1750	0.8	-		V,Pb
06/09/1998	FMETL	ND	343	3300	1941	673	1955	1.1	-		V,Pb
07/29/1998	FMETL	ND	770	4110	2500	970	2960	ND	-		V,Pb
03/09/1999	FMETL	257	752	3200	1690	802	2200	ND	-		V,Pb
06/28/1999	FMETL	401	837	5122	2353	1112	2747	ND	-		V,Pb
09/24/1999	FMETL	ND	1341	4278	713	495.7	1523	1.1	-		V,Pb
11/30/1999	FMETL	ND	1406	3645	943	353	1419	0.97	-		V,Pb
03/29/2000	FMETL	ND	2806.07	12061.86	6273.83	2191.22	7052.36	ND	-		V,Pb
03/29/2000D	FMETL	ND	2588.87	11385.65	5237.20	2022.58	5914.65	ND	-		V,Pb
06/16/2000	FMETL	ND	918.06	6428.13	2774.91	1380.64	4106.77	0.8	-		V,Pb
09/07/2000	FMETL	ND	903.14	10026.66	3184.30	1973.57	4839.61	ND	-		V,Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	-		No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	3.50		No Samp
06/19/2001	FMETL	655.03	1588.83	7812.42	2932.54	872.36	3061.34	ND	9.09		V,Pb
08/30/2001	FMETL	ND	1564.32	9061.81	2136.97	1567.48	4786.87	ND	9.23		V,Pb
12/13/2001	FMETL	-	-	-	-	-	-	-	-		No Samp
03/27/2002	FMETL	924.29	763.15	8081.71	1897.11	913.41	4405.86	ND	7.90		V,Pb
06/26/2002	FMETL	6.61	263.39	5027.39	2481.36	1162.11	3640.85	ND	7.61		V,Pb
09/19/2002	FMETL	ND	276.39	1656.53	474.38	608.84	4671.57	ND	-		V,Pb
11/26/2002	FMETL	135.41	77.01	306.67	322.73	89.47	389.31	ND	-		V,Pb
03/17/2003	FMETL	ND	424.58	2241.65	3045.43	919.82	3797.12	1.80	11.28		V,Pb
06/25/2003	FMETL	ND	195.72	1609.59	1317.86	633.41	2258.51	1.78	11.33		V,Pb
09/24/2003	FMETL	ND	278.8	210.43	114.53	103.74	385.62	2.68	9.29		V,Pb
12/08/2003	FMETL	ND	231.93	587.03	323.54	237.1	620.81	6.60	-		V,Pb
03/29/2004	FMETL	216.08	196.5	629.17	360.37	424.61	992.38	9.27	-		V,Pb
06/18/2004	FMETL	ND	156.90	504.50	266.76	274.75	847.26	ND	11.65		V,Pb
09/16/2004	FMETL	ND	ND	250.53	3031.86	2329.45	11744.18	ND	11.13		V,Pb
12/09/2004	FMETL	ND	355.32	708.51	82.82	545.62	826.03	ND	-		V,Pb
03/07/2005	FMETL	ND	ND	13.98	201.12	124.85	5417.85	ND	-		V,Pb
05/26/2005	FMETL	ND	457.11	737.49	440.61	636.02	2347.35	ND	11.67		V, Pb

SOURCE: 0699RW11

Sampling Dates:
04/04/1997 - 05/26/2005

NOTES:

FORT MONMOUTH

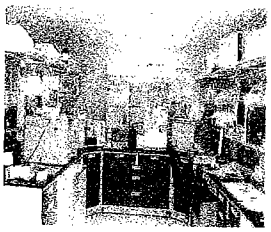
GW MONITORING
Bldg. 699

Source 12 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING



ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: Bldg.699,616

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5045316	0616MW01	29-30968	09/08/05
5045304	0699MW01	29-23677-1	09/08/05
5045305	0699MW02	29-23678-9	09/08/05
5045306	0699MW03	29-23674	09/08/05
5045307	0699MW04	29-23680	09/08/05
5045308	0699MW05	29-23806	09/08/05
5045309	0699MW06	29-23809	09/08/05
5045310	0699MW08	29-3811-1	09/08/05
5045311	0699MW09	29-24639	09/08/05
5045312	0699MW12	29-28907	09/08/05
5045313	0699MW15	29-33753	09/08/05
5045314	0699MW16	29-33757	09/08/05
5045315	0699RW11	29-28031	09/08/05
Not Sampled	0600MW01	29-30968	----------

NJDEP Laboratory Certification # 13461

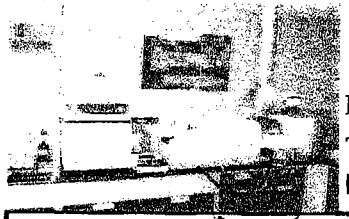
10-5-05
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

SAMPLING

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: D. Lauenther
Phone: X20986
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 699
3RD QUARTER SAMPLING

Samplers Name / Company: Walter Funk/TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA + 15	PB							Remarks / Preservation Method
50453.01	699 TRIP BLANK	9-8-05	8:00	AQ	2	X								
.02	699 FIELD BLANK	9-8-05	9:50	AQ	3	X	X							
.03	699 DUP.	9-8-05	—	AQ	3	X	X							
.04	699 MW#1	9-8-05	14:30	AQ	3	X	X							29-23677-1
.05	699 MW#2	9-8-05	10:40	AQ	3	X	X							29-23678-9
.06	699 MW#3	9-8-05	15:00	AQ	3	X	X							29-23679
.07	699 MW#4	9-8-05	15:20	AQ	3	X	X							29-23680
.08	699 MW#5	9-8-05	15:30	AQ	3	X	X							29-23808
.09	699 MW#6	9-8-05	15:10	AQ	3	X	X							29-23809
.10	699 MW#8	9-8-05	14:10	AQ	3	X	X							29-3811-1
.11	699 MW#9	9-8-05	10:10	AQ	3	X	X							29-24639
.12	699 MW#12	9-8-05	10:20	AQ	3	X	X							29-28907
.13	699 MW#15	9-8-05	10:50	AQ	3	X	X							29-33753
.14	699 MW#16	9-8-05	10:00	AQ	3	X	X							29-33757

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	9-8-05 16:00	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, ( )Rush___Days, (_)ASAP Verbal ____Hrs.

Remarks: TB and FB shared w/296

print legibly

296.XLS4/29/2005

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: D Gaechter
Phone: 420986
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 699
3RD QUARTER SAMPLING

Samplers Name / Company: Walter Funk/TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA +15	Pb							Remarks / Preservation Method
5253.15	699 RW # 11	9-8-05	11:30	AQ	3	X	X							29-28031
16	616 MW #01	8-8-05	10:30	AQ	3	X	X							29-33760

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	9-8-05 16:00	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, ( )Rush___Days, (_)ASAP Verbal ___Hrs.

Remarks: TB and FB shared w/296

print legibly

296.XLS4/29/2005

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW01
NJDEP ID #: 29-23677-1
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/08/05
WEATHER: Sunny, 75 °
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 6.49 ft
DEPTH OF WELL: 14.31 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 7.82 ft
(7.82) X 0.65 X 3 = 15.24
GALLONS OF H_2O TO BE PURGED: 16 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 13:14
pH 4.74 su
DISSOLVED O_2 0.23 mg/L
TEMP 25.50 °C
SPECIFIC CONDUCTIVITY 4914 us/cm

PURGE END TIME: 14:24
pH 5.05 su
DISSOLVED O_2 0.85 mg/L
TEMP 24.24 °C
SPECIFIC CONDUCTIVITY 5413 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.49 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 14:30
pH 5.25 su
DISSOLVED O_2 0.53 mg/L
TEMP 24.14 °C
SPECIFIC CONDUCTIVITY 3437 us/cm

SAMPLE END TIME: 14:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW02
NJDEP ID #: 29-23678-9
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/08/05
WEATHER: Sunny, 75 °
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 7.56 ft
DEPTH OF WELL: 16.30 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 8.74 ft
(8.74) X 0.65 X 3 = 17.04
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 09:20
pH 5.16 su
DISSOLVED O_2 0.42 mg/L
TEMP 17.05 °C
SPECIFIC CONDUCTIVITY 1057 us/cm

PURGE END TIME: 10:34
pH 5.20 su
DISSOLVED O_2 1.38 mg/L
TEMP 16.18 °C
SPECIFIC CONDUCTIVITY 1385 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.22 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 10:40
pH 5.26 su
DISSOLVED O_2 0.44 mg/L
TEMP 15.71 °C
SPECIFIC CONDUCTIVITY 1083 us/cm

SAMPLE END TIME: 10:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW03
NJDEP ID #: 29-23679
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/08/05
WEATHER: Sunny, 75 °
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 6.84 ft
DEPTH OF WELL: 14.15 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 7.31 ft
(7.31) X 0.65 X 3 = 14.25
GALLONS OF H_2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
~~Hnu READING: 0.0 PPM~~

PURGE START TIME: 13:46
pH 5.62 su
DISSOLVED O_2 0.33 mg/L
TEMP 26.12 °C
SPECIFIC CONDUCTIVITY 5409 us/cm

PURGE END TIME: 14:52
pH 5.52 su
DISSOLVED O_2 0.74 mg/L
TEMP 25.36 °C
SPECIFIC CONDUCTIVITY 6338 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.24 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 15:00
pH 5.62 su
DISSOLVED O_2 1.01 mg/L
TEMP 25.51 °C
SPECIFIC CONDUCTIVITY 3642 us/cm

SAMPLE END TIME: 15:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW04
NJDEP ID #: 29-23680
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/08/05
WEATHER: Sunny, 75 °
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 7.21 ft
DEPTH OF WELL: 18.09 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 10.88 ft
(10.88) X 0.65 X 3 = 21.21
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 13:36
pH 5.89 su
DISSOLVED O_2 0.13 mg/L
TEMP 28.11 °C
SPECIFIC CONDUCTIVITY 2519 us/cm

PURGE END TIME: 15:12
pH 6.30 su
DISSOLVED O_2 0.63 mg/L
TEMP 23.44 °C
SPECIFIC CONDUCTIVITY 2887 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.57 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 15:20
pH 6.45 su
DISSOLVED O_2 0.26 mg/L
TEMP 23.06 °C
SPECIFIC CONDUCTIVITY 2201 us/cm

SAMPLE END TIME: 15:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW05
NJDEP ID #: 29-23808
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/08/05
WEATHER: Sunny, 75 °
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 6.28 ft
DEPTH OF WELL: 14.69 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 8.41 ft
(8.41) X 0.65 X 3 = 16.39
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 14:13
pH 3.89 su — TEMP 22.87 °C
DISSOLVED O_2 0.61 mg/L — SPECIFIC CONDUCTIVITY 4433 us/cm

PURGE END TIME: 15:27
pH 4.34 su — TEMP 20.66 °C
DISSOLVED O_2 0.69 mg/L — SPECIFIC CONDUCTIVITY 3681 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.76 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 15:30
pH 3.90 su — TEMP 21.53 °C
DISSOLVED O_2 0.51 mg/L — SPECIFIC CONDUCTIVITY 4127 us/cm

SAMPLE END TIME: 15:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW06
NJDEP ID #: 29-23809
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/08/05
WEATHER: Sunny, 75 °
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 7.04 ft
DEPTH OF WELL: 14.20 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 7.16 ft
(7.16) X 0.65 X 3 = 13.96
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 14:03
pH 5.52 su
DISSOLVED O_2 0.36 mg/L
TEMP 22.08 °C
SPECIFIC CONDUCTIVITY 1482 us/cm

PURGE END TIME: 15:04
pH 5.93 su
DISSOLVED O_2 1.35 mg/L
TEMP 23.93 °C
SPECIFIC CONDUCTIVITY 2508 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.26 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 15:10
pH 5.84 su
DISSOLVED O_2 1.17 mg/L
TEMP 23.71 °C
SPECIFIC CONDUCTIVITY 2518 us/cm

SAMPLE END TIME: 15:10

COMMENTS: Well was broken at about 1.5' to 2' down during construction. Needs to be repaired.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW08
NJDEP ID #: 29-3811-1
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/08/05
WEATHER: Sunny, 75 °
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 6.51 ft
DEPTH OF WELL: 13.38 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 6.87 ft
(6.87) X 0.65 X 3 = 13.39
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 13:04
pH 3.97 su
DISSOLVED O_2 0.75 mg/L
TEMP 25.49 °C
SPECIFIC CONDUCTIVITY 3636 us/cm

PURGE END TIME: 14:05
pH 3.80 su
DISSOLVED O_2 0.91 mg/L
TEMP 26.38 °C
SPECIFIC CONDUCTIVITY 2099 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.02 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 14:10
pH 3.75 su
DISSOLVED O_2 1.15 mg/L
TEMP 25.88 °C
SPECIFIC CONDUCTIVITY 1808 us/cm

SAMPLE END TIME: 14:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW09
NJDEP ID #: 29-24639
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/08/05
WEATHER: Sunny, 75 °
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 7.17 ft
DEPTH OF WELL: 12.98 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 5.81 ft
(5.81) X 0.65 X 3 = 11.32
GALLONS OF H_2O TO BE PURGED: 12 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 09:02
pH 3.84 su
DISSOLVED O_2 0.24 mg/L
TEMP 16.64 °C
SPECIFIC CONDUCTIVITY 1204 us/cm

PURGE END TIME: 09:55
pH 3.79 su
DISSOLVED O_2 0.91 mg/L
TEMP 17.84 °C
SPECIFIC CONDUCTIVITY 1640 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.36 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 12 gal

SAMPLE START TIME: 10:10
pH 3.70 su
DISSOLVED O_2 0.33 mg/L
TEMP 17.31 °C
SPECIFIC CONDUCTIVITY 1446 us/cm

SAMPLE END TIME: 10:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW12
NJDEP ID #: 29-28907
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/08/05
WEATHER: Sunny, 75 °
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 7.28 ft
DEPTH OF WELL: 14.67 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 7.39 ft
(7.39) X 0.65 X 3 = 14.41
GALLONS OF H_2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 09:11
pH 4.02 su
DISSOLVED O_2 0.99 mg/L
TEMP 23.58 °C
SPECIFIC CONDUCTIVITY 1646 us/cm

PURGE END TIME: 10:17
pH 3.94 su
DISSOLVED O_2 1.26 mg/L
TEMP 24.63 °C
SPECIFIC CONDUCTIVITY 1062 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.23 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 10:20
pH 3.96 su
DISSOLVED O_2 1.29 mg/L
TEMP 24.60 °C
SPECIFIC CONDUCTIVITY 977 us/cm

SAMPLE END TIME: 10:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW15
NJDEP ID #: 29-33753
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/08/05
WEATHER: Sunny, 75 °
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 6.56 ft
DEPTH OF WELL: 13.75 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 7.19 ft
(7.19) X 0.65 X 3 = 14.02
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 09:38
pH 5.02 su
DISSOLVED O_2 1.40 mg/L
TEMP 18.67 °C
SPECIFIC CONDUCTIVITY 1049 us/cm

PURGE END TIME: 10:39
pH 5.28 su
DISSOLVED O_2 1.04 mg/L
TEMP 17.88 °C
SPECIFIC CONDUCTIVITY 1160 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING:10.24 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 10:50
pH 5.17 su
DISSOLVED O_2 0.41 mg/L
TEMP 17.31 °C
SPECIFIC CONDUCTIVITY 404 us/cm

SAMPLE END TIME: 10:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699MW16
NJDEP ID #: 29-33757
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/08/05
WEATHER: Sunny and warm
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 7.48 ft
DEPTH OF WELL: 13.72 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 6.24 ft
(6.24) X .65 X 3 = 12.16
GALLONS OF H_2O TO BE PURGED: 13 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:51
pH 4.51 su
DISSOLVED O_2 0.24 mg/L
TEMP 17.11 °C
SPECIFIC CONDUCTIVITY 927.0 µs/cm

PURGE END TIME: 09:48
pH 4.09 su
DISSOLVED O_2 1.06 mg/L
TEMP 17.61 °C
SPECIFIC CONDUCTIVITY 1516.0 µs/cm

DEPTH TO H2O AFTER PURGE AND BEFORE SAMPLING: 9.80 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 13 gal

SAMPLE START TIME: 10:00
pH 3.86 su
DISSOLVED O_2 0.92 mg/L
TEMP 17.14 °C
SPECIFIC CONDUCTIVITY 1793.0 µs/cm

SAMPLE END TIME: 10:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0699RW11
NJDEP ID #: 29-28031
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/08/05
WEATHER: Sunny, 75 °
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 11.68 ft
DEPTH OF WELL: NA ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: NA ft
(NA) X 0.65 X 3 = NA
GALLONS OF H_2O TO BE PURGED: NA gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME:
pH su
TEMP °C
DISSOLVED O_2 mg/L
SPECIFIC CONDUCTIVITY us/cm

PURGE END TIME:
pH su
TEMP °C
DISSOLVED O_2 mg/L
SPECIFIC CONDUCTIVITY us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: gal

SAMPLE START TIME: 11:30
pH su
TEMP °C
DISSOLVED O_2 mg/L
SPECIFIC CONDUCTIVITY us/cm

SAMPLE END TIME: 11:30

COMMENTS: Duplicate on this well.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: 699
MW#: 0616MW01
NJDEP ID #: 29-33760
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 09/08/05
WEATHER: Sunny, 75 °
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 9.46 ft
DEPTH OF WELL: 16.28 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 6.82 ft
(6.82) X 0.65 X 3 = 13.29
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 09:29
pH 4.73 su
DISSOLVED O_2 0.71 mg/L
TEMP 17.13 °C
SPECIFIC CONDUCTIVITY 471 us/cm

PURGE END TIME: 10:30
pH 4.67 su
DISSOLVED O_2 1.76 mg/L
TEMP 17.36 °C
SPECIFIC CONDUCTIVITY 1228 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.22 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 10:30
pH 4.80 su
DISSOLVED O_2 1.69 mg/L
TEMP 16.83 °C
SPECIFIC CONDUCTIVITY 1110 us/cm

SAMPLE END TIME: 10:30

COMMENTS:

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020199.D	Sample Name	MB 09Sept05
Operator	Skelton	Field ID	MB 09Sept05
Date Acquired	9 Sep 2005 1:45 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 09Sept2005**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 09Sept05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020199.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. _____ Date Analyzed: 9/9/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020237.D	Sample Name	MB 15Sept2005
Operator	Skelton	Field ID	MB 15Sept2005
Date Acquired	15 Sep 2005 3:24 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
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R.L. = Reporting Limit

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 15Sept2005**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 15Sept2005

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020237.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. Date Analyzed: 9/15/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020270.D	Sample Name	MB 16Sept2005
Operator	Skelton	Field ID	MB 16Sept2005
Date Acquired	16 Sep 2005 11:56 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 16Sept2005**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 16Sept2005

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020270.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. Date Analyzed: 9/16/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020247.D	Sample Name	5045301
Operator	Skelton	Field ID	Trip Blank
Date Acquired	15 Sep 2005 10:27 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045301

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020247.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. Date Analyzed: 9/15/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020248.D	Sample Name	5045302
Operator	Skelton	Field ID	Field Blank
Date Acquired	15 Sep 2005 11:09 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

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10/4/2005 2:45 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045302

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020248.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. Date Analyzed: 9/15/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020222.D	Sample Name	5045303
Operator	Skelton	Field ID	Dupe
Date Acquired	10 Sep 2005 6:30 am	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	15.70 ug/L	100.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	100.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	85.40 ug/L	200.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.77	480269	284.95 ug/L	70	3.00 ug/L	20.00 ug/L	D
108203	Di-isopropyl ether			not detected	20000	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	100	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone			not detected	700	20.00 ug/L	20.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene	18.15	4652486	880.94 ug/L	1	2.00 ug/L	20.00 ug/L	E D
107-06-2	1,2-Dichloroethane			not detected	2	2.20 ug/L	20.00 ug/L	
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene	22.69	2056950	334.67 ug/L	1000	2.50 ug/L	20.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	100	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene	25.73	4823461	688.73 ug/L	700	2.80 ug/L	20.00 ug/L	E D
1330-20-7	m+p-Xylenes	26.01	2980049	1263.95 ug/L	nle	6.30 ug/L	40.00 ug/L	E D
95-47-6	o-Xylene	26.85	1990934	401.86 ug/L	nle	2.40 ug/L	20.00 ug/L	D
100-42-5	Styrene			not detected	100	3.40 ug/L	20.00 ug/L	
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020226.D	Sample Name	5045303
Operator	Skelton	Field ID	Dupe
Date Acquired	10 Sep 2005 9:19 am	Sample Multiplier	50

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	78.50 ug/L	500.00 ug/L	
107131	Acrylonitrile			not detected	50	123.50 ug/L	500.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	427.00 ug/L	1000.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.83	80745	241.75 ug/L	70	15.00 ug/L	100.00 ug/L	D
108203	Di-isopropyl ether			not detected	20000	18.50 ug/L	100.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	23.00 ug/L	100.00 ug/L	
74-87-3	Chloromethane			not detected	30	15.00 ug/L	100.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	10.00 ug/L	100.00 ug/L	
74-83-9	Bromomethane			not detected	10	12.50 ug/L	100.00 ug/L	
75-00-3	Chloroethane			not detected	100	13.50 ug/L	100.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	13.00 ug/L	100.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	13.50 ug/L	100.00 ug/L	
67-64-1	Acetone			not detected	700	100.00 ug/L	100.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	8.00 ug/L	100.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	27.50 ug/L	100.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	12.50 ug/L	100.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	16.00 ug/L	100.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	10.00 ug/L	100.00 ug/L	
78-93-3	2-Butanone			not detected	300	45.00 ug/L	100.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	14.00 ug/L	100.00 ug/L	
67-66-3	Chloroform			not detected	6	19.00 ug/L	100.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	13.50 ug/L	100.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	10.00 ug/L	100.00 ug/L	
71-43-2	Benzene	18.16	884471	839.50 ug/L	1	10.00 ug/L	100.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	11.00 ug/L	100.00 ug/L	
79-01-6	Trichloroethene			not detected	1	14.00 ug/L	100.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	16.50 ug/L	100.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	12.50 ug/L	100.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	12.50 ug/L	100.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	9.00 ug/L	100.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	19.00 ug/L	100.00 ug/L	
108-88-3	Toluene	22.70	403188	328.83 ug/L	1000	12.50 ug/L	100.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	7.00 ug/L	100.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	12.50 ug/L	100.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	13.00 ug/L	100.00 ug/L	
591-78-6	2-Hexanone			not detected	100	14.50 ug/L	100.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	12.00 ug/L	100.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	15.00 ug/L	100.00 ug/L	
100-41-4	Ethylbenzene	25.73	877814	628.36 ug/L	700	14.00 ug/L	100.00 ug/L	D
1330-20-7	m+p-Xylenes	26.02	612241	1301.80 ug/L	nle	31.50 ug/L	200.00 ug/L	D
95-47-6	o-Xylene	26.85	334008	337.98 ug/L	nle	12.00 ug/L	100.00 ug/L	D
100-42-5	Styrene			not detected	100	17.00 ug/L	100.00 ug/L	
75-25-2	Bromoform			not detected	4	12.00 ug/L	100.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	12.00 ug/L	100.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	12.00 ug/L	100.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	12.50 ug/L	100.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	13.50 ug/L	100.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045303

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020222.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. Date Analyzed: 9/10/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.70	340	J
2. 000598-61-8	Cyclobutane, methyl-	10.80	450	JN
3. 000096-37-7	Cyclopentane, methyl-	14.51	550	JN
4. 000103-65-1	Benzene, propyl-	28.25	360	JN
5. 000526-73-8	Benzene, 1,2,3-trimethyl-	28.60	250	JN
6. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.04	240	JN
7. 000095-63-6	Benzene, 1,2,4-trimethyl-	29.36	1100	JN
8. 000526-73-8	Benzene, 1,2,3-trimethyl-	30.22	250	JN
9. 000496-11-7	Indane	30.51	880	JN
10. 027133-93-3	2,3-Dihydro-1-methylindene	33.09	230	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020223.D	Sample Name	5045304
Operator	Skelton	Field ID	699MW#1
Date Acquired	10 Sep 2005 7:12 am	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	15.70 ug/L	100.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	100.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	85.40 ug/L	200.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	3.00 ug/L	20.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	100	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone			not detected	700	20.00 ug/L	20.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene	18.16	324760	62.87 ug/L	1	2.00 ug/L	20.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	2.20 ug/L	20.00 ug/L	
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene	22.70	504693	83.95 ug/L	1000	2.50 ug/L	20.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	100	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene	25.73	4396254	636.61 ug/L	700	2.80 ug/L	20.00 ug/L	E D
1330-20-7	m+p-Xylenes	26.02	3126912	1345.00 ug/L	nle	6.30 ug/L	40.00 ug/L	E D
95-47-6	o-Xylene	26.85	6292949	1288.18 ug/L	nle	2.40 ug/L	20.00 ug/L	E D
100-42-5	Styrene			not detected	100	3.40 ug/L	20.00 ug/L	
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020227.D	Sample Name	5045304
Operator	Skelton	Field ID	699MW#1
Date Acquired	10 Sep 2005 10:01 am	Sample Multiplier	50

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	78.50 ug/L	500.00 ug/L	
107131	Acrylonitrile			not detected	50	123.50 ug/L	500.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	427.00 ug/L	1000.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	15.00 ug/L	100.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	18.50 ug/L	100.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	23.00 ug/L	100.00 ug/L	
74-87-3	Chloromethane			not detected	30	15.00 ug/L	100.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	10.00 ug/L	100.00 ug/L	
74-83-9	Bromomethane			not detected	10	12.50 ug/L	100.00 ug/L	
75-00-3	Chloroethane			not detected	100	13.50 ug/L	100.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	13.00 ug/L	100.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	13.50 ug/L	100.00 ug/L	
67-64-1	Acetone			not detected	700	100.00 ug/L	100.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	8.00 ug/L	100.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	27.50 ug/L	100.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	12.50 ug/L	100.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	16.00 ug/L	100.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	10.00 ug/L	100.00 ug/L	
78-93-3	2-Butanone			not detected	300	45.00 ug/L	100.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	14.00 ug/L	100.00 ug/L	
67-66-3	Chloroform			not detected	6	19.00 ug/L	100.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	13.50 ug/L	100.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	10.00 ug/L	100.00 ug/L	
71-43-2	Benzene	18.15	54838	52.02 ug/L	1	10.00 ug/L	100.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	11.00 ug/L	100.00 ug/L	
79-01-6	Trichloroethene			not detected	1	14.00 ug/L	100.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	16.50 ug/L	100.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	12.50 ug/L	100.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	12.50 ug/L	100.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	9.00 ug/L	100.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	19.00 ug/L	100.00 ug/L	
108-88-3	Toluene	22.69	116240	94.75 ug/L	1000	12.50 ug/L	100.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	7.00 ug/L	100.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	12.50 ug/L	100.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	13.00 ug/L	100.00 ug/L	
591-78-6	2-Hexanone			not detected	100	14.50 ug/L	100.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	12.00 ug/L	100.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	15.00 ug/L	100.00 ug/L	
100-41-4	Ethylbenzene	25.73	745378	525.17 ug/L	700	14.00 ug/L	100.00 ug/L	D
1330-20-7	m+p-Xylenes	26.02	591214	1237.31 ug/L	nle	31.50 ug/L	200.00 ug/L	D
95-47-6	o-Xylene	26.85	1125248	1120.72 ug/L	nle	12.00 ug/L	100.00 ug/L	D
100-42-5	Styrene			not detected	100	17.00 ug/L	100.00 ug/L	
75-25-2	Bromoform			not detected	4	12.00 ug/L	100.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	12.00 ug/L	100.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	12.00 ug/L	100.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	12.50 ug/L	100.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	13.50 ug/L	100.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#1**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045304

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020223.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. Date Analyzed: 9/10/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000620-14-4	Benzene, 1-ethyl-3-methyl-	28.41	1400	JN
2. 000526-73-8	Benzene, 1,2,3-trimethyl-	28.60	870	JN
3. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.03	920	JN
4. 000095-36-3	1,2,4-Trimethylbenzene	29.36	2200	JN
5. 000095-36-3	1,2,4-Trimethylbenzene	30.22	1100	JN
6. 000496-11-7	Indane	30.51	830	JN
7.	unknown	30.57	270	J
8.	unknown	31.33	350	J
9.	unknown	32.23	350	J
10.	unknown	33.09	430	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020211.D	Sample Name	5045305
Operator	Skelton	Field ID	699MW#2
Date Acquired	9 Sep 2005 10:45 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#2**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045305

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020211.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. _____ Date Analyzed: 9/9/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020224.D	Sample Name	5045306
Operator	Skelton	Field ID	699MW#3
Date Acquired	10 Sep 2005 7:54 am	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	15.70 ug/L	100.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	100.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	85.40 ug/L	200.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	3.00 ug/L	20.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	100	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone			not detected	700	20.00 ug/L	20.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene	18.16	35183792	6187.73 ug/L	1	2.00 ug/L	20.00 ug/L	E D
107-06-2	1,2-Dichloroethane			not detected	2	2.20 ug/L	20.00 ug/L	
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene	22.69	51126136	7726.06 ug/L	1000	2.50 ug/L	20.00 ug/L	E D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	100	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene	25.74	20948638	2765.52 ug/L	700	2.80 ug/L	20.00 ug/L	E D
1330-20-7	m+p-Xylenes	26.03	24014184	9416.79 ug/L	nle	6.30 ug/L	40.00 ug/L	E D
95-47-6	o-Xylene	26.86	28950673	5402.68 ug/L	nle	2.40 ug/L	20.00 ug/L	E D
100-42-5	Styrene			not detected	100	3.40 ug/L	20.00 ug/L	
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020252.D	Sample Name	5045306
Operator	Skelton	Field ID	699MW#3
Date Acquired	16 Sep 2005 1:54 am	Sample Multiplier	200

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	314.00 ug/L	2000.00 ug/L	
107131	Acrylonitrile			not detected	50	494.00 ug/L	2000.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1708.00 ug/L	4000.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	60.00 ug/L	400.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	74.00 ug/L	400.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	92.00 ug/L	400.00 ug/L	
74-87-3	Chloromethane			not detected	30	60.00 ug/L	400.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	40.00 ug/L	400.00 ug/L	
74-83-9	Bromomethane			not detected	10	50.00 ug/L	400.00 ug/L	
75-00-3	Chloroethane			not detected	100	54.00 ug/L	400.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	52.00 ug/L	400.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	54.00 ug/L	400.00 ug/L	
67-64-1	Acetone			not detected	700	400.00 ug/L	400.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	32.00 ug/L	400.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	110.00 ug/L	400.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	50.00 ug/L	400.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	64.00 ug/L	400.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	40.00 ug/L	400.00 ug/L	
78-93-3	2-Butanone			not detected	300	180.00 ug/L	400.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	56.00 ug/L	400.00 ug/L	
67-66-3	Chloroform			not detected	6	76.00 ug/L	400.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	54.00 ug/L	400.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	40.00 ug/L	400.00 ug/L	
71-43-2	Benzene	18.15	1174547	3784.06 ug/L	1	40.00 ug/L	400.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	44.00 ug/L	400.00 ug/L	
79-01-6	Trichloroethene			not detected	1	56.00 ug/L	400.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	66.00 ug/L	400.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	50.00 ug/L	400.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	50.00 ug/L	400.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	36.00 ug/L	400.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	76.00 ug/L	400.00 ug/L	
108-88-3	Toluene	22.69	3673473	10603.12 ug/L	1000	50.00 ug/L	400.00 ug/L	E D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	28.00 ug/L	400.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	50.00 ug/L	400.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	52.00 ug/L	400.00 ug/L	
591-78-6	2-Hexanone			not detected	100	58.00 ug/L	400.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	48.00 ug/L	400.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	60.00 ug/L	400.00 ug/L	
100-41-4	Ethylbenzene	25.73	269029	784.08 ug/L	700	56.00 ug/L	400.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	459446	3939.83 ug/L	nle	126.00 ug/L	800.00 ug/L	D
95-47-6	o-Xylene	26.85	610736	2284.52 ug/L	nle	48.00 ug/L	400.00 ug/L	D
100-42-5	Styrene			not detected	100	68.00 ug/L	400.00 ug/L	
75-25-2	Bromoform			not detected	4	48.00 ug/L	400.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	48.00 ug/L	400.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	48.00 ug/L	400.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	50.00 ug/L	400.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	54.00 ug/L	400.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#3**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045306

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020224.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. Date Analyzed: 9/10/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.70	690	J
2. 000287-92-3	Cyclopentane	10.81	890	JN
3. 000096-37-7	Cyclopentane, methyl-	14.51	840	JN
4. 000622-96-8	Benzene, 1-ethyl-4-methyl-	28.41	2400	JN
5. 000095-36-3	1,2,4-Trimethylbenzene	28.60	1100	JN
6. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.04	1000	JN
7. 000526-73-8	Benzene, 1,2,3-trimethyl-	29.37	3800	JN
8. 000108-67-8	Benzene, 1,3,5-trimethyl-	30.22	1400	JN
9. 000496-11-7	Indane	30.51	1200	JN
10. 000091-20-3	Naphthalene	34.88	440	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020212.D	Sample Name	5045307
Operator	Skelton	Field ID	699MW#4
Date Acquired	9 Sep 2005 11:27 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.70	10710999	587.83 ug/L	70	0.30 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.16	1222619	21.51 ug/L	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.69	376079	5.69 ug/L	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	1760757	23.04 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.02	1098455	42.70 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.85	969214	17.93 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020251.D	Sample Name	5045307
Operator	Skelton	Field ID	699MW#4
Date Acquired	16 Sep 2005 1:12 am	Sample Multiplier	100

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	157.00 ug/L	1000.00 ug/L	
107131	Acrylonitrile			not detected	50	247.00 ug/L	1000.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	854.00 ug/L	2000.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.81	130935	431.07 ug/L	70	30.00 ug/L	200.00 ug/L	D
108203	Di-isopropyl ether			not detected	20000	37.00 ug/L	200.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	46.00 ug/L	200.00 ug/L	
74-87-3	Chloromethane			not detected	30	30.00 ug/L	200.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	20.00 ug/L	200.00 ug/L	
74-83-9	Bromomethane			not detected	10	25.00 ug/L	200.00 ug/L	
75-00-3	Chloroethane			not detected	100	27.00 ug/L	200.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	26.00 ug/L	200.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	27.00 ug/L	200.00 ug/L	
67-64-1	Acetone			not detected	700	200.00 ug/L	200.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	16.00 ug/L	200.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	55.00 ug/L	200.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	25.00 ug/L	200.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	32.00 ug/L	200.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	20.00 ug/L	200.00 ug/L	
78-93-3	2-Butanone			not detected	300	90.00 ug/L	200.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	28.00 ug/L	200.00 ug/L	
67-66-3	Chloroform			not detected	6	38.00 ug/L	200.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	27.00 ug/L	200.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	20.00 ug/L	200.00 ug/L	
71-43-2	Benzene			not detected	1	20.00 ug/L	200.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	22.00 ug/L	200.00 ug/L	
79-01-6	Trichloroethene			not detected	1	28.00 ug/L	200.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	33.00 ug/L	200.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	25.00 ug/L	200.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	25.00 ug/L	200.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	18.00 ug/L	200.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	38.00 ug/L	200.00 ug/L	
108-88-3	Toluene			not detected	1000	25.00 ug/L	200.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	14.00 ug/L	200.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	25.00 ug/L	200.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	26.00 ug/L	200.00 ug/L	
591-78-6	2-Hexanone			not detected	100	29.00 ug/L	200.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	24.00 ug/L	200.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	30.00 ug/L	200.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	28.00 ug/L	200.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	63.00 ug/L	400.00 ug/L	
95-47-6	o-Xylene			not detected	nle	24.00 ug/L	200.00 ug/L	
100-42-5	Styrene			not detected	100	34.00 ug/L	200.00 ug/L	
75-25-2	Bromoform			not detected	4	24.00 ug/L	200.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	24.00 ug/L	200.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	24.00 ug/L	200.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	25.00 ug/L	200.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	27.00 ug/L	200.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#4**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045307

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020212.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. Date Analyzed: 9/9/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000079-29-8	Butane, 2,3-dimethyl-	10.80	69	JN
2. 000096-37-7	Cyclopentane, methyl-	14.51	73	JN
3. 000103-65-1	Benzene, propyl-	28.24	110	JN
4. 000095-36-3	1,2,4-Trimethylbenzene	29.36	72	JN
5. 000496-11-7	Indane	30.52	360	JN
6.	unknown	31.33	130	J
7.	unknown	31.60	88	J
8.	unknown	32.13	83	J
9.	unknown	32.70	77	J
10. 027133-93-3	2,3-Dihydro-1-methylindene	33.09	180	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020213.D	Sample Name	5045308
Operator	Skelton	Field ID	699MW#5
Date Acquired	10 Sep 2005 12:09 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#5**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045308

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020213.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. Date Analyzed: 9/10/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	27.50	6	J
2. 000091-57-6	Naphthalene, 2-methyl-	28.67	8	JN
3.	unknown	33.09	5	J
4. 000091-20-3	Naphthalene	34.88	3	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020214.D	Sample Name	5045309
Operator	Skelton	Field ID	699MW#6
Date Acquired	10 Sep 2005 12:52 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.74	1721898	96.91 ug/L	70	0.30 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene	18.16	7614688	133.24 ug/L	1	0.20 ug/L	2.00 ug/L	E
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene	22.70	4167409	62.66 ug/L	1000	0.25 ug/L	2.00 ug/L	E
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.74	24556351	325.94 ug/L	700	0.28 ug/L	2.00 ug/L	E
1330-20-7	m+p-Xylenes	26.02	16246278	640.53 ug/L	nle	0.63 ug/L	4.00 ug/L	E
95-47-6	o-Xylene	26.85	7958798	149.33 ug/L	nle	0.24 ug/L	2.00 ug/L	E
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

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10/4/2005 2:25 PM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020271.D	Sample Name	5045309
Operator	Skelton	Field ID	699MW#6
Date Acquired	16 Sep 2005 12:38 pm	Sample Multiplier	20

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	31.40 ug/L	200.00 ug/L	
107131	Acrylonitrile			not detected	50	49.40 ug/L	200.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	170.80 ug/L	400.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.84	70957	48.89 ug/L	70	6.00 ug/L	40.00 ug/L	D
108203	Di-isopropyl ether			not detected	20000	7.40 ug/L	40.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	9.20 ug/L	40.00 ug/L	
74-87-3	Chloromethane			not detected	30	6.00 ug/L	40.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	4.00 ug/L	40.00 ug/L	
74-83-9	Bromomethane			not detected	10	5.00 ug/L	40.00 ug/L	
75-00-3	Chloroethane			not detected	100	5.40 ug/L	40.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	5.20 ug/L	40.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	5.40 ug/L	40.00 ug/L	
67-64-1	Acetone			not detected	700	40.00 ug/L	40.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	3.20 ug/L	40.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	11.00 ug/L	40.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	5.00 ug/L	40.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	6.40 ug/L	40.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	4.00 ug/L	40.00 ug/L	
78-93-3	2-Butanone			not detected	300	18.00 ug/L	40.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	5.60 ug/L	40.00 ug/L	
67-66-3	Chloroform			not detected	6	7.60 ug/L	40.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	5.40 ug/L	40.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	4.00 ug/L	40.00 ug/L	
71-43-2	Benzene	18.15	392581	130.73 ug/L	1	4.00 ug/L	40.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	4.40 ug/L	40.00 ug/L	
79-01-6	Trichloroethene			not detected	1	5.60 ug/L	40.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	6.60 ug/L	40.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	5.00 ug/L	40.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	5.00 ug/L	40.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	3.60 ug/L	40.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	7.60 ug/L	40.00 ug/L	
108-88-3	Toluene	22.69	182292	54.38 ug/L	1000	5.00 ug/L	40.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	2.80 ug/L	40.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	5.00 ug/L	40.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	5.20 ug/L	40.00 ug/L	
591-78-6	2-Hexanone			not detected	100	5.80 ug/L	40.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	4.80 ug/L	40.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	6.00 ug/L	40.00 ug/L	
100-41-4	Ethylbenzene	25.73	1589752	480.49 ug/L	700	5.60 ug/L	40.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	943072	838.66 ug/L	nle	12.60 ug/L	80.00 ug/L	D
95-47-6	o-Xylene	26.85	327273	126.95 ug/L	nle	4.80 ug/L	40.00 ug/L	D
100-42-5	Styrene			not detected	100	6.80 ug/L	40.00 ug/L	
75-25-2	Bromoform			not detected	4	4.80 ug/L	40.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	4.80 ug/L	40.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	4.80 ug/L	40.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	5.00 ug/L	40.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	5.40 ug/L	40.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

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10/4/2005 2:48 PM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#6**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045309

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020214.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. Date Analyzed: 9/10/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	10.81	60	J
2. 000096-37-7	Cyclopentane, methyl-	14.51	75	JN
3. 000098-82-8	Benzene, (1-methylethyl)-	27.45	61	JN
4. 000103-65-1	Benzene, propyl-	28.25	83	JN
5. 000611-14-3	Benzene, 1-ethyl-2-methyl-	28.41	210	JN
6. 000108-67-8	Benzene, 1,3,5-trimethyl-	28.60	87	JN
7. 000611-14-3	Benzene, 1-ethyl-2-methyl-	29.04	110	JN
8. 000526-73-8	Benzene, 1,2,3-trimethyl-	29.37	330	JN
9. 000108-67-8	Benzene, 1,3,5-trimethyl-	30.22	78	JN
10. 000496-11-7	Indane	30.52	170	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020215.D	Sample Name	5045310
Operator	Skelton	Field ID	699MW#8
Date Acquired	10 Sep 2005 1:34 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	99963	1.38 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.02	63204	2.60 ug/L	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.85	19102	0.37 ug/L	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#8**

Lab Name: FME TL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045310

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020215.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. Date Analyzed: 9/10/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020216.D	Sample Name	5045311
Operator	Skelton	Field ID	699MW#09
Date Acquired	10 Sep 2005 2:17 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	23123	0.33 ug/L	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#9**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045311

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020216.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. Date Analyzed: 9/10/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020217.D	Sample Name	5045312
Operator	Skelton	Field ID	699MW#12
Date Acquired	10 Sep 2005 2:59 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#12**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045312

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020217.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. _____ Date Analyzed: 9/10/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020218.D	Sample Name	5045313
Operator	Skelton	Field ID	699MW#15
Date Acquired	10 Sep 2005 3:41 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#15**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045313

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020218.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. Date Analyzed: 9/10/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020219.D	Sample Name	5045314
Operator	Skelton	Field ID	699MW#16
Date Acquired	10 Sep 2005 4:23 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.67	20971	0.83 ug/L	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.48	26124	1.37 ug/L	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699MW#16**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045314

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020219.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. _____ Date Analyzed: 9/10/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020225.D	Sample Name	5045315
Operator	Skelton	Field ID	699RW#11
Date Acquired	10 Sep 2005 8:37 am	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	15.70 ug/L	100.00 ug/L	
107131	Acrylonitrile			not detected	50	24.70 ug/L	100.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	85.40 ug/L	200.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.76	610982	353.62 ug/L	70	3.00 ug/L	20.00 ug/L	D
108203	Di-isopropyl ether			not detected	20000	3.70 ug/L	20.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	4.60 ug/L	20.00 ug/L	
74-87-3	Chloromethane			not detected	30	3.00 ug/L	20.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.00 ug/L	20.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.50 ug/L	20.00 ug/L	
75-00-3	Chloroethane			not detected	100	2.70 ug/L	20.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.60 ug/L	20.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.70 ug/L	20.00 ug/L	
67-64-1	Acetone			not detected	700	20.00 ug/L	20.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	1.60 ug/L	20.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	5.50 ug/L	20.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	2.50 ug/L	20.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	3.20 ug/L	20.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	2.00 ug/L	20.00 ug/L	
78-93-3	2-Butanone			not detected	300	9.00 ug/L	20.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	2.80 ug/L	20.00 ug/L	
67-66-3	Chloroform			not detected	6	3.80 ug/L	20.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	2.70 ug/L	20.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.00 ug/L	20.00 ug/L	
71-43-2	Benzene	18.16	5613057	1020.80 ug/L	1	2.00 ug/L	20.00 ug/L	E D
107-06-2	1,2-Dichloroethane			not detected	2	2.20 ug/L	20.00 ug/L	
79-01-6	Trichloroethene			not detected	1	2.80 ug/L	20.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	3.30 ug/L	20.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.50 ug/L	20.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	2.50 ug/L	20.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.80 ug/L	20.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	3.80 ug/L	20.00 ug/L	
108-88-3	Toluene	22.69	2357134	368.34 ug/L	1000	2.50 ug/L	20.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.40 ug/L	20.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.50 ug/L	20.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	2.60 ug/L	20.00 ug/L	
591-78-6	2-Hexanone			not detected	100	2.90 ug/L	20.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	2.40 ug/L	20.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	3.00 ug/L	20.00 ug/L	
100-41-4	Ethylbenzene	25.73	5295162	735.34 ug/L	700	2.80 ug/L	20.00 ug/L	E D
1330-20-7	m+p-Xylenes	26.02	3492663	1440.71 ug/L	nle	6.30 ug/L	40.00 ug/L	E D
95-47-6	o-Xylene	26.85	2078199	407.97 ug/L	nle	2.40 ug/L	20.00 ug/L	D
100-42-5	Styrene			not detected	100	3.40 ug/L	20.00 ug/L	
75-25-2	Bromoform			not detected	4	2.40 ug/L	20.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	2.40 ug/L	20.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.40 ug/L	20.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50 ug/L	20.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.70 ug/L	20.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020250.D	Sample Name	5045315
Operator	Skelton	Field ID	699RW#11
Date Acquired	16 Sep 2005 12:31 am	Sample Multiplier	200

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	314.00 ug/L	2000.00 ug/L	
107131	Acrylonitrile			not detected	50	494.00 ug/L	2000.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	1708.00 ug/L	4000.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.84	44849	293.44 ug/L	70	60.00 ug/L	400.00 ug/L	D
108203	Di-isopropyl ether			not detected	20000	74.00 ug/L	400.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	92.00 ug/L	400.00 ug/L	
74-87-3	Chloromethane			not detected	30	60.00 ug/L	400.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	40.00 ug/L	400.00 ug/L	
74-83-9	Bromomethane			not detected	10	50.00 ug/L	400.00 ug/L	
75-00-3	Chloroethane			not detected	100	54.00 ug/L	400.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	52.00 ug/L	400.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	54.00 ug/L	400.00 ug/L	
67-64-1	Acetone			not detected	700	400.00 ug/L	400.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	32.00 ug/L	400.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	110.00 ug/L	400.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	50.00 ug/L	400.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	64.00 ug/L	400.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	40.00 ug/L	400.00 ug/L	
78-93-3	2-Butanone			not detected	300	180.00 ug/L	400.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	56.00 ug/L	400.00 ug/L	
67-66-3	Chloroform			not detected	6	76.00 ug/L	400.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	54.00 ug/L	400.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	40.00 ug/L	400.00 ug/L	
71-43-2	Benzene	18.15	255131	801.36 ug/L	1	40.00 ug/L	400.00 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	44.00 ug/L	400.00 ug/L	
79-01-6	Trichloroethene			not detected	1	56.00 ug/L	400.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	66.00 ug/L	400.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	50.00 ug/L	400.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	50.00 ug/L	400.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	36.00 ug/L	400.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	76.00 ug/L	400.00 ug/L	
108-88-3	Toluene	22.69	83467	234.88 ug/L	1000	50.00 ug/L	400.00 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	28.00 ug/L	400.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	50.00 ug/L	400.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	52.00 ug/L	400.00 ug/L	
591-78-6	2-Hexanone			not detected	100	58.00 ug/L	400.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	48.00 ug/L	400.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	60.00 ug/L	400.00 ug/L	
100-41-4	Ethylbenzene	25.73	135493	388.69 ug/L	700	56.00 ug/L	400.00 ug/L	D
1330-20-7	m+p-Xylenes	26.01	80438	678.93 ug/L	nle	126.00 ug/L	800.00 ug/L	D
95-47-6	o-Xylene	26.85	61511	226.47 ug/L	nle	48.00 ug/L	400.00 ug/L	D
100-42-5	Styrene			not detected	100	68.00 ug/L	400.00 ug/L	
75-25-2	Bromoform			not detected	4	48.00 ug/L	400.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	48.00 ug/L	400.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	48.00 ug/L	400.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	50.00 ug/L	400.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	54.00 ug/L	400.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **699RW#11**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045315

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020225.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. _____ Date Analyzed: 9/10/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000078-78-4	Butane, 2-methyl-	6.70	310	JN
2. 000598-61-8	Cyclobutane, methyl-	10.81	460	JN
3. 000096-37-7	Cyclopentane, methyl-	14.51	590	JN
4. 000103-65-1	Benzene, propyl-	28.25	400	JN
5. 000526-73-8	Benzene, 1,2,3-trimethyl-	28.60	320	JN
6. 000095-36-3	1,2,4-Trimethylbenzene	29.36	1200	JN
7. 000095-36-3	1,2,4-Trimethylbenzene	30.22	310	JN
8. 000496-11-7	Indane	30.51	980	JN
9. 027133-93-3	2,3-Dihydro-1-methylindene	33.09	270	JN
10. 000091-20-3	Naphthalene	34.88	290	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB020220.D	Sample Name	5045316
Operator	Skelton	Field ID	616MW#01
Date Acquired	10 Sep 2005 5:06 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9-6.9 (c).

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **616MW#01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50453 Location: 699 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5045316

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB020220.D

Level: (low/med) LOW Date Received: 9/8/2005

% Moisture: not dec. _____ Date Analyzed: 9/10/2005

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

LEAD

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703
Site: Ft. Monmouth
Bldg. 699

Lab ID #: 50453
Sample Received: NA
Analysis Start: 09/15/05
Analysis Completed: 09/15/05
Matrix: AQ

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3113B

TEST PARAMETER: Lead

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)	R.L (ug/L)
Method Blank	NA	ND	10	5.00

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 50453
Sample Received: 09/08/05
Analysis Start: 09/15/05
Analysis Completed: 09/15/05

Site: Ft. Monmouth
Bldg. 699

Matrix: AQ

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3113B

TEST PARAMETER: LEAD

Laboratory ID	Sample Location Identification	Result (ug/L)	GW Criteria (ug/L)	R.L (ug/L)
5045302	Field Blank	ND	10	5.00
5045303	Duplicate	5.10	10	5.00
5045304	699MW01	6.26	10	5.00
5045305	699MW02	ND	10	5.00
5045306	699MW03	16.0	10	5.00
5045307	699MW04	ND	10	5.00
5045308	699MW05	12.9	10	5.00
5045309	699MW06	ND	10	5.00
5045310	699MW08	ND	10	5.00
5045311	699MW09	ND	10	5.00
5045312	699MW12	ND	10	5.00
5045313	699MW15	ND	10	5.00
5045314	699MW16	ND	10	5.00
5045315	699RW11	6.71	10	5.00
5045316	616MW01	ND	10	5.00

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable, NS = No Sample

LTM

	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
05/24/1995	EMSL	680	ND	23000	28000	ND	3800	16000	4.55	4.88	V, Pb
08/16/1995	EMSL	890	ND	24000	24000	ND	4600	20000	5.7	6.14	V, Pb
04/04/1997	FMETL	ND	ND	12800	35600	ND	ND	33600	4.1	3.04	V, Pb
07/22/1997	FMETL	171	ND	27000	17000	ND	5770	38400	6.6	6.35	V, Pb
10/10/1997	FMETL	226	ND	27000	46700	ND	4200	27200	5.7	6.40	V, Pb
01/15/1998	FMETL	396	ND	23300	25600	ND	3670	12920	1.8	3.75	V, Pb
06/08/1998	FMETL	ND	ND	14600	22700	ND	1800	20320	3.0	3.33	V, Pb
07/29/1998	FMETL	11.88	1.59	22227	35840	ND	3025	19010	2.4	5.13	V, Pb
03/11/1999	FMETL	433	ND	32400	33700	ND	4413	24000	3.6	3.70	V, Pb
06/28/1999	FMETL	ND	ND	10891	28816	ND	4286	27798	5.3	5.31	V, Pb
09/24/1999	FMETL	670	ND	25967	30423	ND	3413	29787	3.6	4.99	V, Pb
11/30/1999	FMETL	730.59	ND	14809	9463	ND	3240	8048	2.22	5.38	V, Pb
03/29/2000	FMETL	1609.13	ND	43419.32	37817.54	ND	9494.06	61875.37	1.2	3.42	V, Pb
06/16/2000	FMETL	277.82	ND	13455.88	21968.78	ND	3149.56	21366.29	3.4	4.00	V, Pb
09/07/2000	FMETL	ND	ND	19837.12	34475.90	ND	2680.73	44310.87	2.6	4.01	V, Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	-	4.31	No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	-	3.19	No Samp
06/19/2001	FMETL	1293.83	ND	21555.26	47603.78	ND	5050.83	42246.76	6.27	5.50	V, Pb
08/30/2001	FMETL	ND	267.10	31531.95	54361.78	ND	8703.65	47334.24	3.57	6.75	V, Pb
12/13/2001	FMETL	-	-	-	-	-	-	-	-	8.75	No Samp
03/25/2002	FMETL	-	-	-	-	-	-	-	-	7.05	No Samp
06/26/2002	FMETL	-	-	-	-	-	-	-	-	6.91	No Samp
09/19/2002	FMETL	ND	ND	3849.07	19493.66	ND	2687.65	23989.23	6.92	5.93	V, Pb
11/26/2002	FMETL	ND	ND	459.71	4023.42	ND	1960.5	14645.8	3.88	4.38	V, Pb
03/17/2003	FMETL	ND	ND	127.89	1648.18	ND	739.45	7477.75	3.63	4.20	V, Pb
06/25/2003	FMETL	ND	ND	318.96	1864.8	ND	637.87	7237.32	6.15	3.81	V, Pb
09/24/2003	FMETL	ND	ND	206.6	1016.66	ND	554.5	3207.39	19.5	7.20	V, Pb
12/08/2003	FMETL	ND	ND	110.32	1310.35	ND	680.75	4430.84	16.4	5.15	V, Pb
03/29/2004	FMETL	ND	ND	156.78	1249.62	ND	709.41	7322.9	10.7	4.61	V, Pb
06/18/2004	FMETL	ND	ND	239.86	4064.39	ND	2619.62	20330.96	19.2	5.35	V, Pb
09/16/2004	FMETL	208.91	ND	376.82	60.22	ND	382.60	624.31	11.3	6.42	V, Pb
12/02/2004	FMETL	ND	ND	34.76	158.27	ND	83.61	993.12	9.62	5.26	V, Pb
03/07/2005	FMETL	482.68	ND	1783.46	1893.65	ND	1376.76	5158.4	ND	3.55	V, Pb
05/26/2005	FMETL	ND	ND	63.14	518.85	ND	622.78	10628.46	ND	4.46	V, Pb
09/08/2005	FMETL	ND	ND	62.87	83.95	ND	525.17	2358.03	6.26	6.49	V, Pb

SOURCE: 0699MW01

Sampling Dates:
05/24/1995 - 09/08/2005

NOTES:

Not sampled 4th Quarter 98due to free product.

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 1 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-05-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
05/24/1995	EMSL	ND	ND	3.7	16	ND	4.3	24	1.0	5.10	
08/16/1995	EMSL	ND	ND	ND	ND	ND	ND	ND	ND	6.52	-
11/20/1995	EMSL	ND	ND	ND	ND	ND	ND	ND	ND	3.41	C
02/21/1996	EMSL	ND	ND	ND	ND	ND	ND	ND	5	-	D
05/22/1996	FMETL	ND	ND	-	ND	ND	ND	ND	-	-	
10/01/1996	FMETL	ND	ND	-	ND	ND	ND	ND	-	-	
01/13/1997	FMETL	ND	ND	-	ND	ND	ND	ND	2.7	-	
04/02/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.1	2.22	V, Pb
07/16/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	20.5	5.65	V, Pb
10/07/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	3.1	6.65	V, Pb
01/09/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	11.6	1.30	V, Pb
06/08/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	7.1	4.50	V, Pb
07/29/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	7.5	5.77	V, Pb
12/30/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	2.0	8.61	V, Pb
03/10/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	4.1	2.28	V, Pb
06/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	4.8	5.83	V, Pb
09/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	2.3	5.03	V, Pb
11/30/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	1.48	5.37	V, Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	1.8	2.23	V, Pb
06/16/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	10.4	4.50	V, Pb
06/16/2000D	FMETL	ND	ND	ND	ND	ND	ND	ND	12.7	4.50	V, Pb
09/07/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	1.8	4.28	V, Pb
12/28/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	1.5	3.64	V, Pb
03/12/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	2.70	2.14	V, Pb
06/19/2001	FMETL	ND	ND	4.77	24.25	ND	4.29	18.31	2.97	3.81	V, Pb
08/30/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	6.73	V, Pb
12/13/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	8.4	8.30	V, Pb
03/27/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	9.71	1.58	V, Pb
06/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.44	V, Pb
09/19/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	0.94	5.46	V, Pb
11/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	2.20	V, Pb
03/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	1.87	V, Pb
06/25/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	2.21	V, Pb
09/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	11.7	6.75	V, Pb
12/08/2003	FMETL	ND	ND	ND	2.01	ND	ND	3.72	21.4	3.55	V, Pb
03/29/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	15.8	3.45	V, Pb
06/18/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	8.23	5.35	V, Pb
09/16/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	15.1	6.33	V, Pb
12/06/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.19	V, Pb

10-05-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

SOURCE: 0699MW02

Sampling Dates:
05/24/1995 - 09/08/2005

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 2 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
03/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	2.47	V, Pb
05/26/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.69	V, Pb
09/08/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.56	V, Pb

SOURCE: 0699MW02

Sampling Dates:
05/24/1995 - 09/08/2005

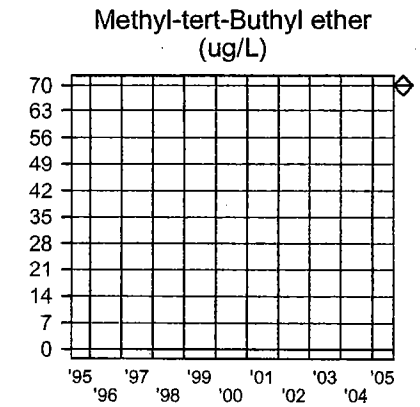
NOTES:

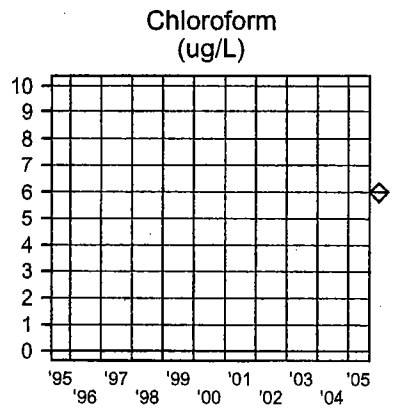
FORT MONMOUTH

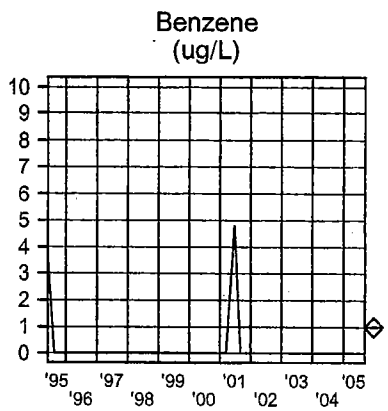
GW MONITORING
Bldg. 699

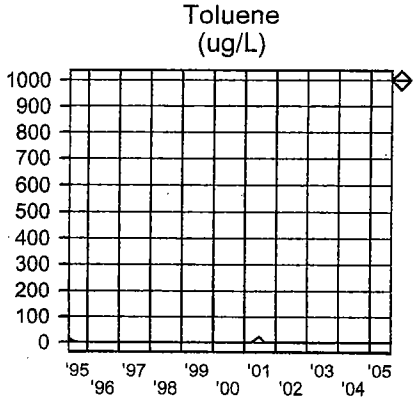
Source 2 of 13 (cont.)

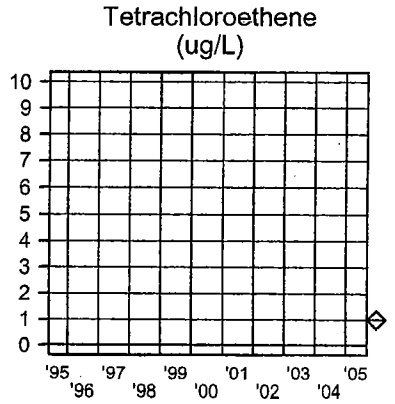
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

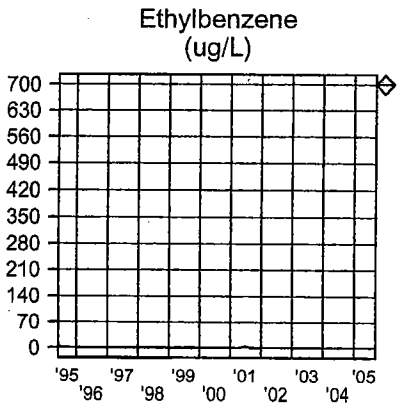


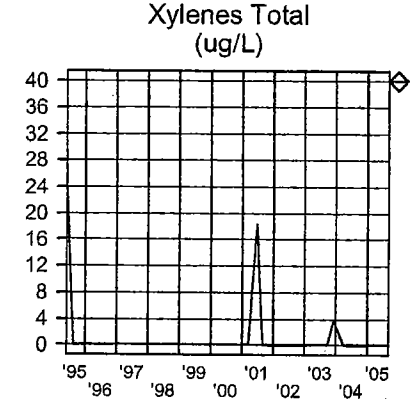


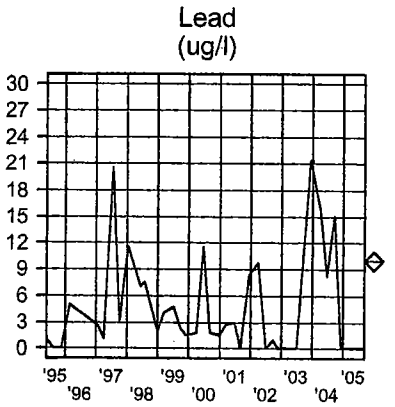


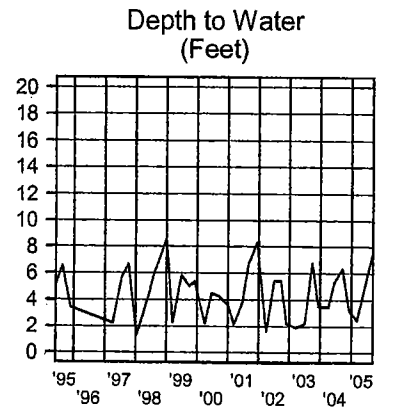












SOURCE: 0699MW02

Sampling Dates:
05/24/1995 - 09/08/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 2 of 13, Graph

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SELFM-PW-EV

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	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
05/24/1995	EMSL	350	ND	38000	36000	ND	2900	17000	5.1	4.92	A
08/16/1995	EMSL	ND	ND	31000	26000	ND	2600	13000	3.0	6.20	
11/20/1995	EMSL	ND	ND	18000	17000	ND	1900	12000	ND	4.84	C
02/21/1996	EMSL	230	ND	26000	31000	ND	2300	16000	ND	-	D
05/24/1996	FMEL	ND	ND	-	-	ND	-	-	5.1	-	
10/01/1996	FMEL	ND	ND	-	-	ND	-	-	2.6	-	
01/28/1997	FMEL	ND	ND	-	-	ND	-	-	-	-	
04/03/1997	FMETL	ND	ND	1250	2300	ND	295	2970	3.1	2.88	V, Pb
07/21/1997	FMETL	176	ND	42800	24500	ND	4180	26400	5.8	6.20	V, Pb
10/09/1997	FMETL	64	ND	25000	35000	ND	2300	15600	1.1	6.40	V, Pb
01/15/1998	FMETL	57	ND	10100	15700	ND	930	2040	0.9	3.70	V, Pb
06/08/1998	FMETL	ND	ND	13200	18200	ND	1100	7800	1.5	3.90	V, Pb
07/28/1998	FMETL	78.1	ND	23700	35800	ND	2000	13200	4.2	5.35	V, Pb
03/10/1999	FMETL	ND	ND	2230	1480	ND	ND	347	1.9	3.57	V, Pb
06/28/1999	FMETL	ND	ND	19287	29138	ND	1930	17478	3.2	5.58	V, Pb
09/25/1999	FMETL	ND	ND	11670	19690	ND	1121	14274	2.2	3.77	V, Pb
11/30/1999	FMETL	ND	ND	7292	8393	ND	1604	12262	1.11	5.27	V, Pb
03/29/2000	FMETL	ND	ND	31787.92	36819.47	ND	3735.14	29170.61	ND	3.49	V, Pb
06/16/2000	FMETL	ND	ND	14116.04	24012.73	ND	1812.68	14597.89	1.6	4.04	V, Pb
09/07/2000	FMETL	ND	ND	33296.34	52021.62	ND	2901.59	28177.76	ND	4.22	V, Pb
12/27/2000	FMETL	-	-	-	-	-	-	-	-	3.47	No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	-	2.17	No Samp
06/19/2001	FMETL	93.34	ND	33224.84	38489.48	ND	1693.43	14775.44	7.78	4.97	V, Pb
08/30/2001	FMETL	ND	253.51	26703.62	52102.97	ND	4632.23	32157.19	4.70	6.65	V, Pb
12/13/2001	FMETL	ND	ND	14353.47	21072.76	ND	1885.19	23384.35	9.3	7.75	V, Pb
03/27/2002	FMETL	90.20	ND	13946.94	15981.11	ND	980.35	5855.38	6.13	5.47	V, Pb
06/26/2002	FMETL	63.08	ND	4399.81	3832.32	ND	1055.62	3728.84	1.70	6.36	V, Pb
09/19/2002	FMETL	ND	ND	6664.83	10186.92	ND	1452.67	8003.46	2.88	5.89	V, Pb
11/26/2002	FMETL	ND	ND	1817.43	3901.24	ND	440.76	6032.4	1.53	4.08	V, Pb
03/17/2003	FMETL	ND	ND	6018.91	11329.00	ND	848.98	13156.38	1.37	3.41	V, Pb
06/25/2003	FMETL	ND	ND	4801.67	13280.92	ND	1300.05	10076.68	7.50	3.35	V, Pb
09/24/2003	FMETL	ND	ND	1591.3	3276.61	ND	487.55	4365.72	9.28	5.23	V, Pb
12/08/2003	FMETL	ND	ND	174.93	359.64	ND	23.85	468.8	7.41	4.46	V, Pb
03/29/2004	FMETL	ND	ND	1285.76	2676.44	ND	320.11	3008.8	7.72	4.15	V, Pb
06/18/2004	FMETL	3.69	ND	4052.45	9939.74	ND	1873.95	9190.47	8.17	5.15	V, Pb
09/16/2004	FMETL	ND	ND	2442.22	9207.20	ND	1687.51	11076.35	19.5	6.30	V, Pb
12/02/2004	FMETL	ND	ND	1616.64	5430.07	ND	340.96	4172.96	7.37	4.63	V, Pb
03/04/2005	FMETL	1341.42	ND	26.73	97.95	ND	194.88	1127.68	ND	3.50	V, Pb
05/23/2005	FMETL	ND	ND	2164.78	13281.86	ND	1088.66	13310.11	ND	4.43	V, Pb

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SOURCE: 0699MW03

Sampling Dates:
05/24/1995 - 09/08/2005

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 3 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
09/08/2005	FMETL	ND	ND	3784.06	10603.12	ND	784.08	6224.35	16.0	6.84	V, Pb

SOURCE: 0699MW03

Sampling Dates:
05/24/1995 - 09/08/2005

NOTES:

FORT MONMOUTH

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Source 3 of 13 (cont.)

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
02/21/1996	EMSL	2000	ND	22000	36000	ND	3100	20000	6	-	D
05/24/1996	FMEL	-	ND	-	-	ND	-	-	9.5	-	
10/04/1996	FMEL	-	ND	-	-	ND	-	-	3.6	-	
01/17/1997	FMEL	-	ND	-	-	ND	-	-	-	-	
04/04/1997	FMETL	ND	ND	29800	47000	ND	90400	106000	6.1	3.00	V, Pb
07/22/1997	FMETL	665	ND	23900	12000	ND	4200	33400	10.0	5.65	V, Pb
10/09/1997	FMETL	-	ND	-	-	ND	-	-	-	-	V
01/16/1998	FMETL	314	ND	8320	18500	ND	1560	13400	4.2	No Info.	V, Pb
06/08/1998	FMETL	ND	ND	7500	12000	ND	910	10800	3.4	3.39	V, Pb
07/29/1998	FMETL	305	ND	13200	29900	ND	2600	17800	1.1	5.38	V, Pb
03/11/1999	FMETL	345	ND	13700	24900	ND	1940	22600	7.0	3.51	V, Pb
06/28/1999	FMETL	462	ND	22845	36112	ND	4050	26428	3.7	5.61	V, Pb
09/25/1999	FMETL	503	ND	18325	35126	ND	2767	28915	2.8	4.37	V, Pb
11/30/1999	FMETL	431	ND	6786	6875	ND	2749	2306	2.99	5.29	V, Pb
03/29/2000	FMETL	1310.92	ND	23876.56	35221.45	ND	3939.02	58860.58	3.8	3.92	V, Pb
06/16/2000	FMETL	423.46	ND	13205.94	36760.95	ND	3914.24	26070.74	5.1	3.85	V, Pb
09/07/2000	FMETL	ND	ND	20681.84	48031.80	ND	2928.53	47529.43	3.4	4.07	V, Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	-	4.20	No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	-	3.17	No Samp
06/19/2001	FMETL	97.87	ND	36303.01	48404.42	ND	6425.13	38765.03	4.22	5.42	V, Pb
08/30/2001	FMETL	-	-	-	-	-	-	-	-	7.02	No samp
12/13/2001	FMETL	-	-	-	-	-	-	-	-	8.03	No Samp
03/25/2002	FMETL	-	-	-	-	-	-	-	-	7.01	No Samp
06/26/2002	FMETL	392.81	ND	2170.64	17663.04	ND	3784.80	28701.21	8.79	6.91	V, Pb
09/19/2002	FMETL	113.05	ND	952.77	9979.40	ND	1251.22	20801.87	5.22	6.22	V, Pb
11/26/2002	FMETL	179.91	ND	496.67	2464.04	ND	654.3	5406.75	3.52	4.70	V, Pb
03/17/2003	FMETL	2223.21	ND	192.35	1663.88	ND	274.67	4233.47	4.88	4.05	V, Pb
06/30/2003	FMETL	470.51	ND	218.88	1069.37	ND	491.96	5098.43	4.78	4.20	V, Pb
09/24/2003	FMETL	242.15	ND	ND	10.59	ND	9.38	93.98	11.6	7.51	V, Pb
12/08/2003	FMETL	374.95	ND	70.34	67.37	ND	51.04	431.42	10.7	4.46	V, Pb
03/29/2004	FMETL	385.18	ND	441.52	1825.02	ND	1063.68	10392.74	21.4	4.79	V, Pb
06/18/2004	FMETL	176.57	ND	283.45	565.18	ND	629.5	5105.97	ND	5.77	-
09/16/2004	FMETL	69.13	ND	65.02	55.95	ND	213.567	429.78	17.8	6.92	V, Pb
12/02/2004	FMETL	435.48	ND	19.26	44.46	ND	40.86	37.78	ND	5.21	V, Pb
03/07/2005	FMETL	ND	ND	449.60	8179.65	ND	122.25	1462.72	ND	4.61	V, Pb
05/26/2005	FMETL	216.57	ND	10.41	5.81	ND	21.12	63.14	ND	5.16	V, Pb
09/08/2005	FMETL	431.07	ND	21.51	5.69	ND	23.04	60.63	ND	7.21	V, Pb

SOURCE: 0699MW04

Sampling Dates:
02/21/1996 - 09/08/2005

NOTES:

FORT MONMOUTH

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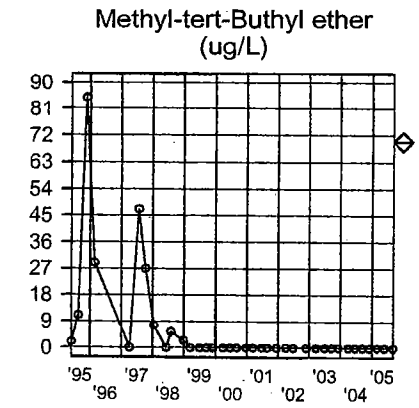

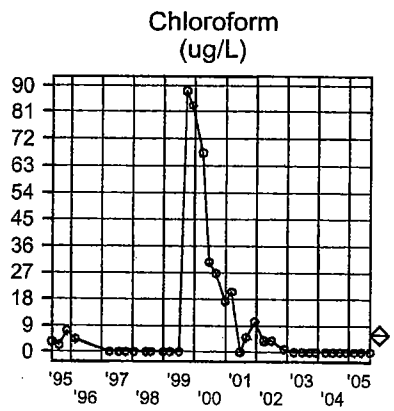

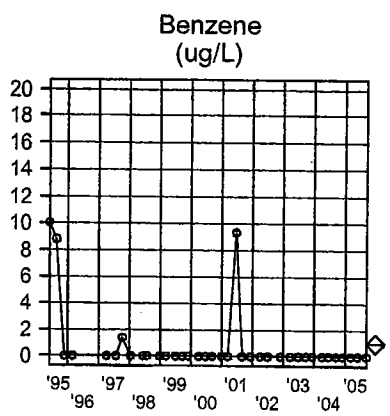

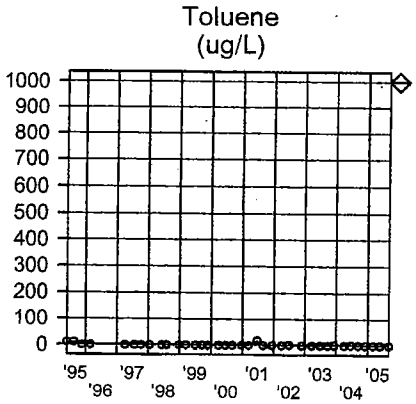

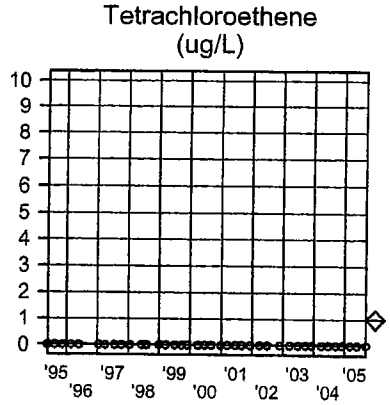

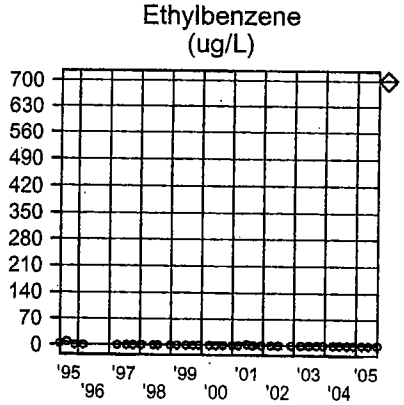

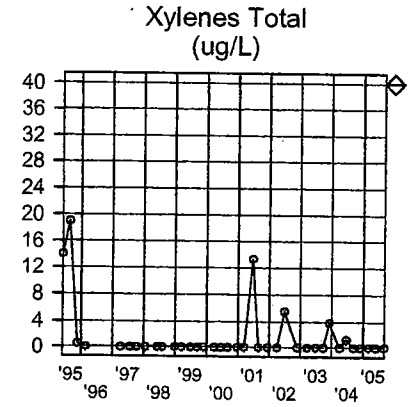

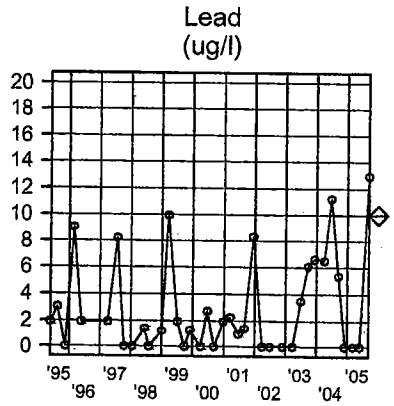

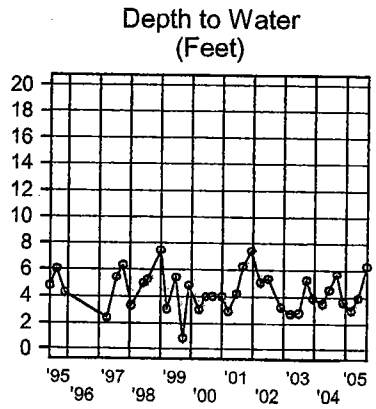

SOURCE: 0699MW05

Sampling Dates:
05/24/1995 - 09/08/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

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Source 5 of 13, Graph

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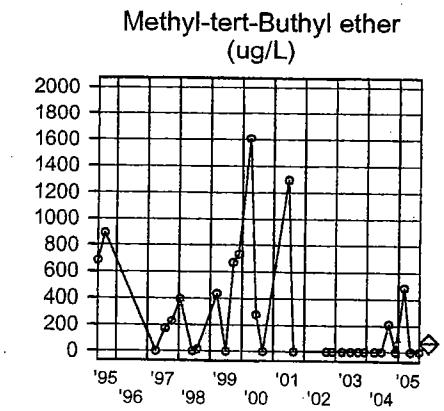

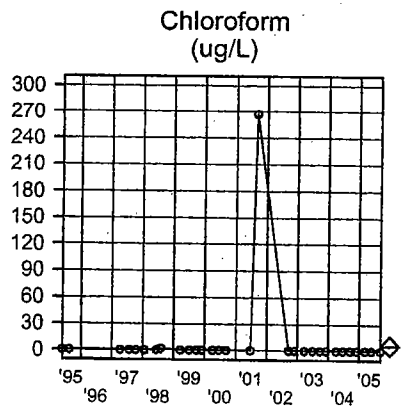

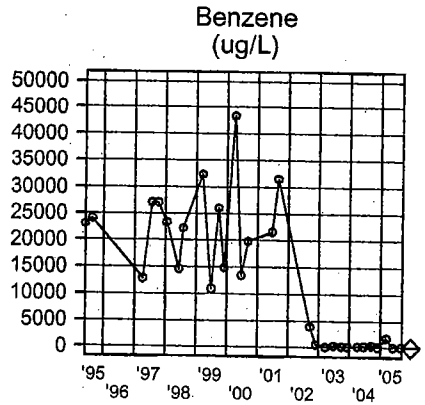

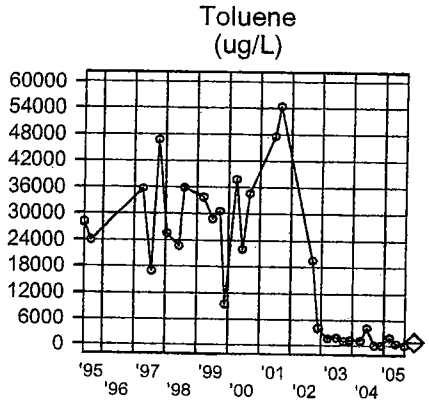

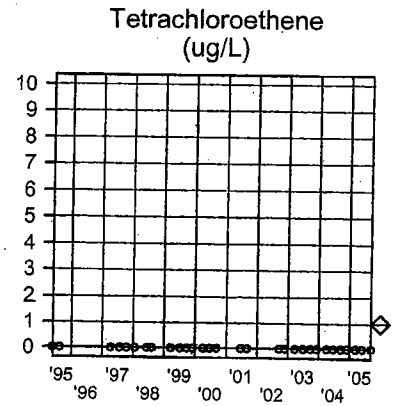

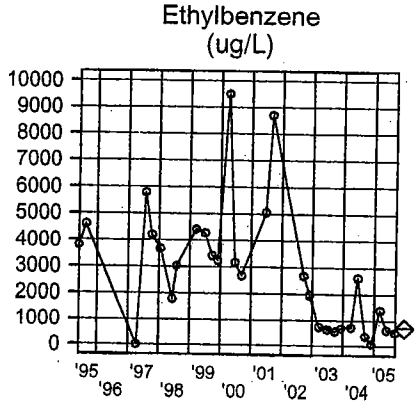

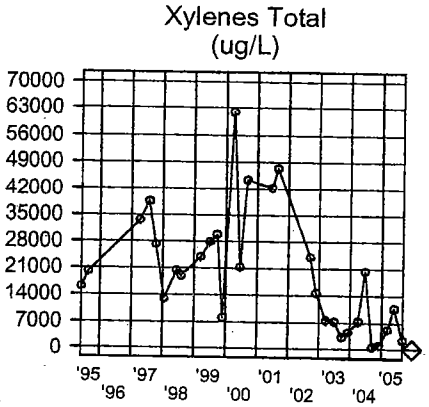

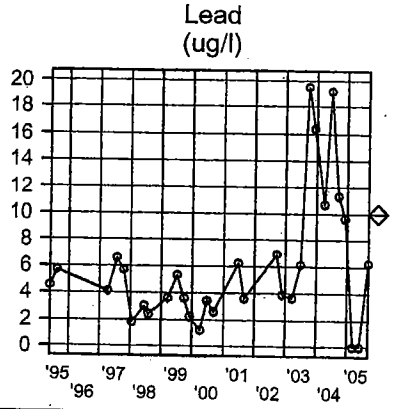

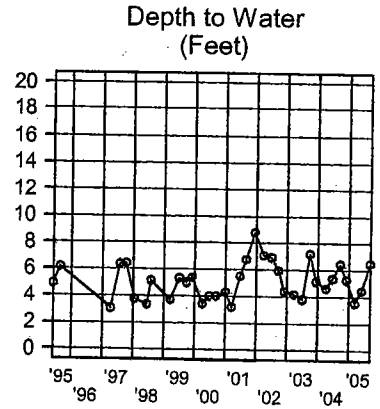

SOURCE: 0699MW01

Sampling Dates:
05/24/1995 - 09/08/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Source 1 of 13, Graph

U.S.ARMY
FORT MONMOUTH
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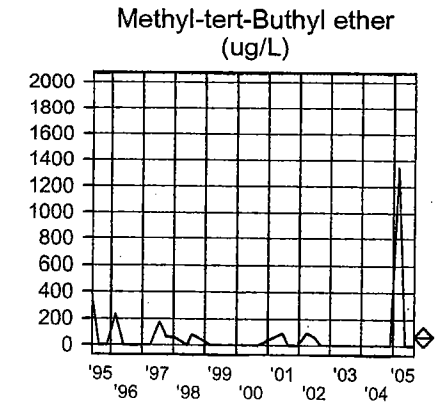

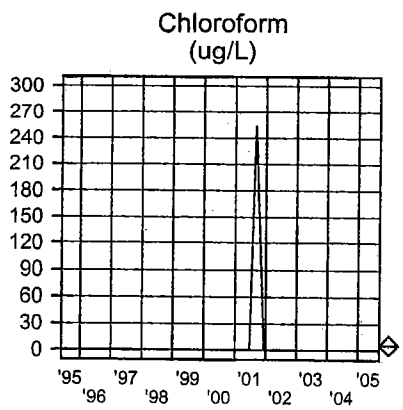

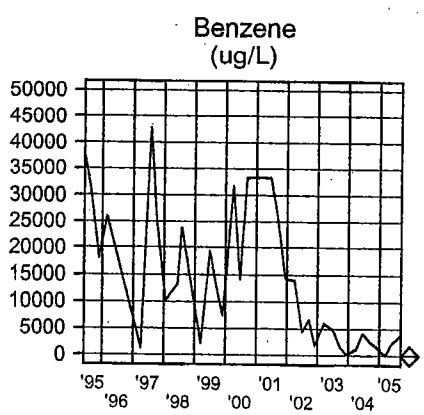

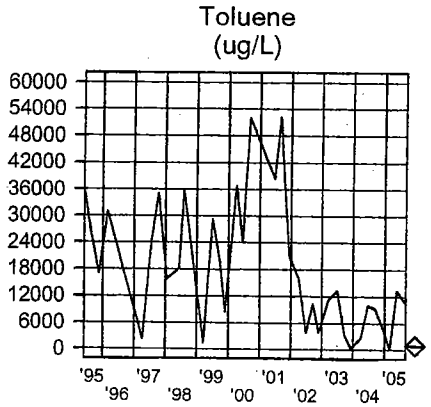

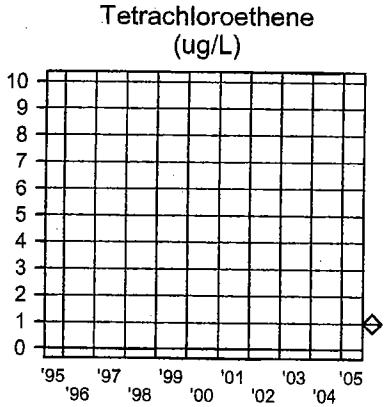

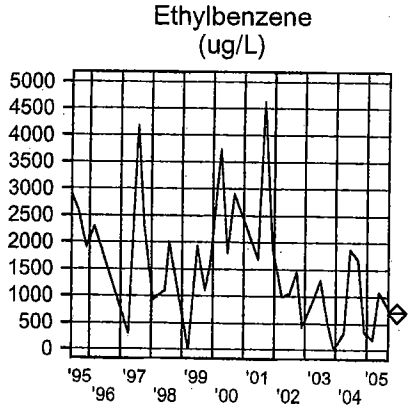

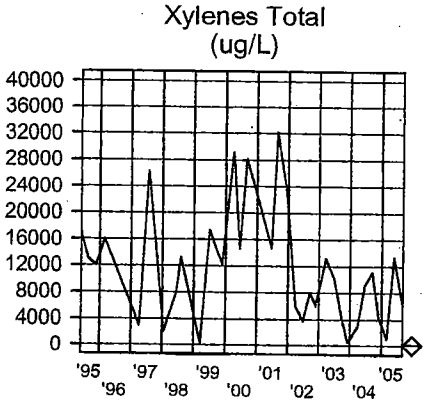

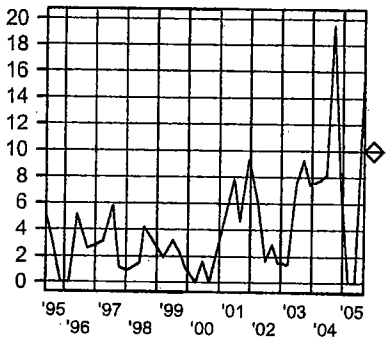

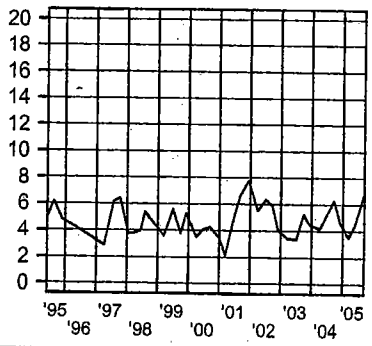

SOURCE: 0699MW03

Sampling Dates:
05/24/1995 - 09/08/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Source 3 of 13, Graph

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FORT MONMOUTH
SELFM-PW-EV

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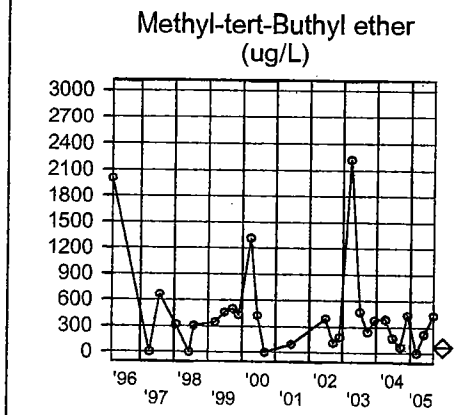

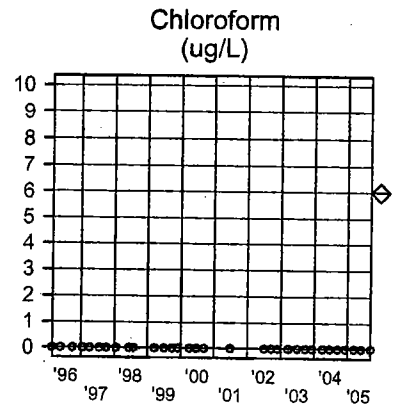

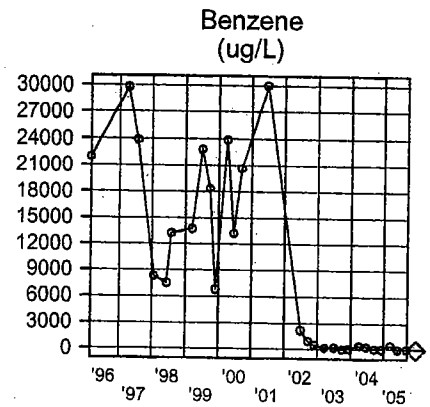

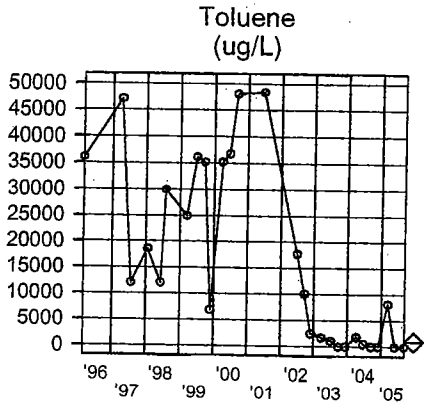

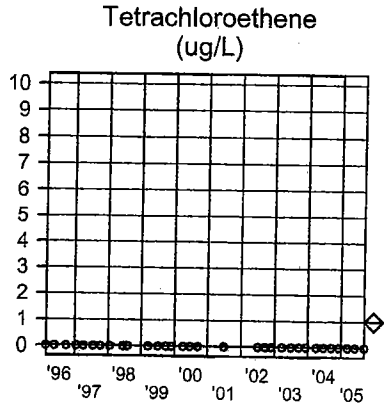

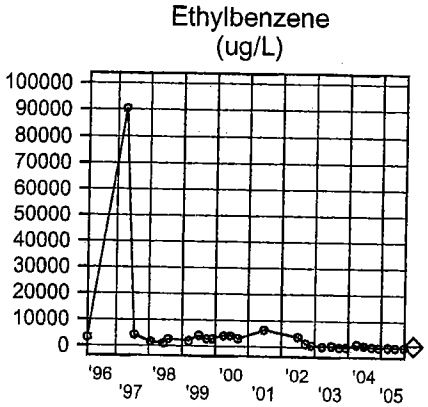

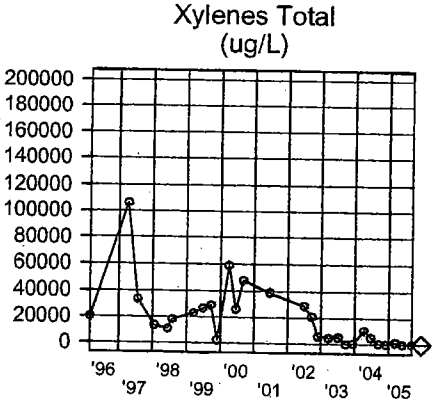

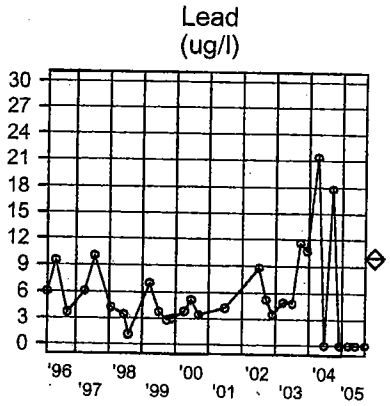

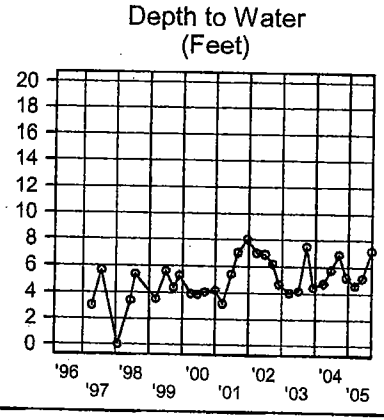

SOURCE: 0699MW04

Sampling Dates:
02/21/1996 - 09/08/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Source 4 of 13, Graph

U.S.ARMY
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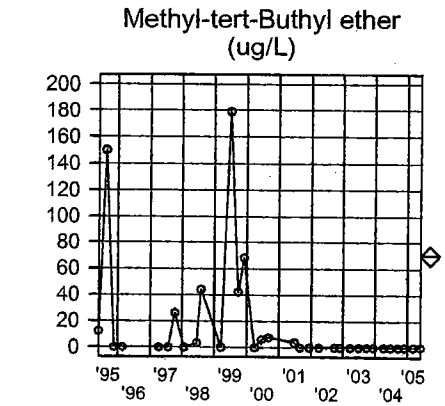

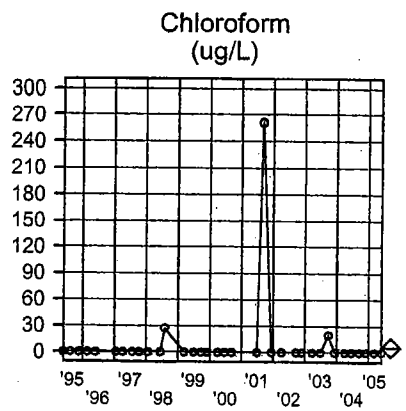

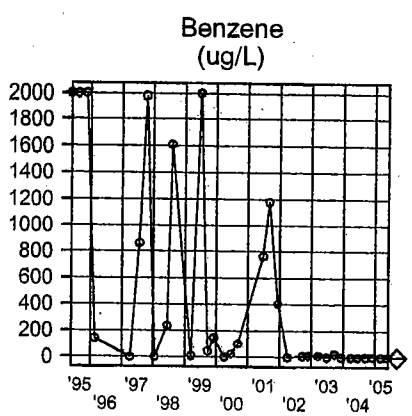

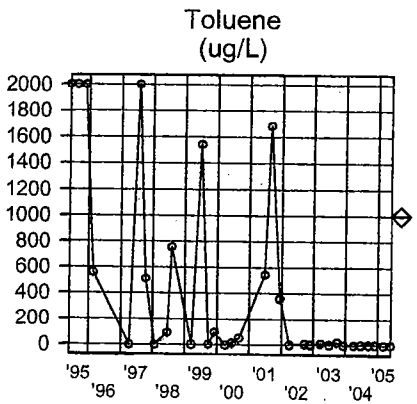

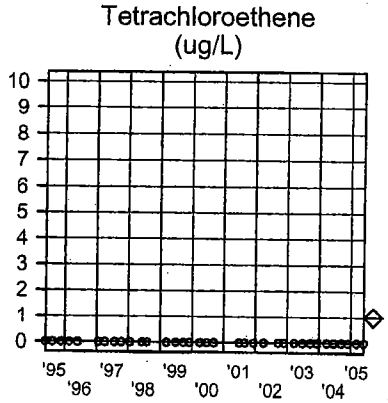

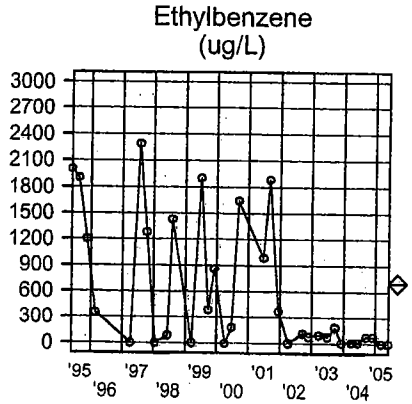

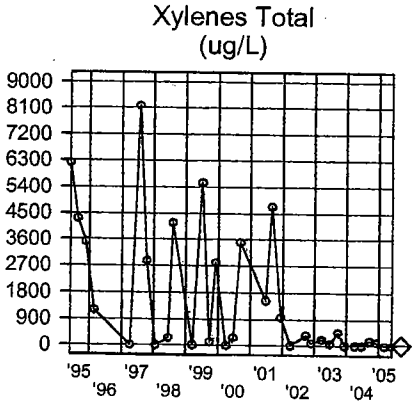

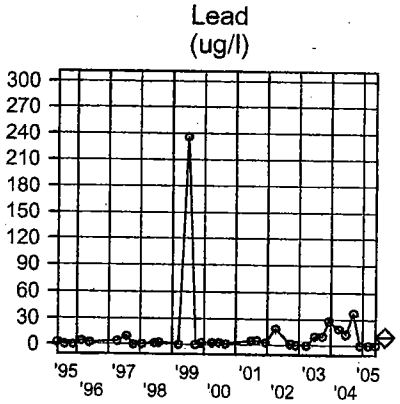

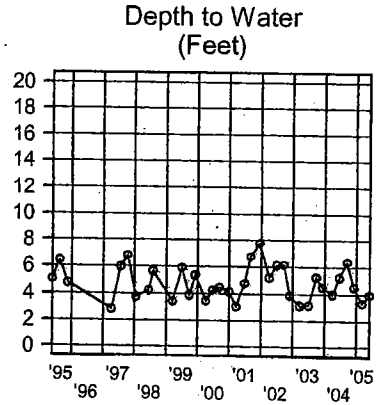

SOURCE: 0699MW06

Sampling Dates:
05/24/1995 - 05/26/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

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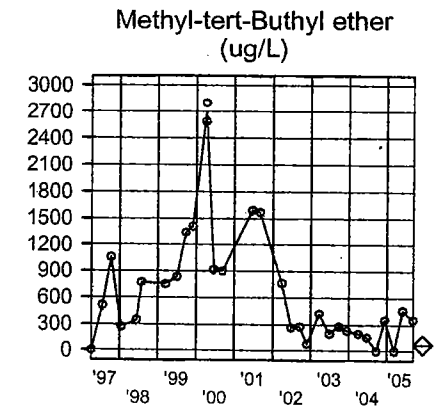

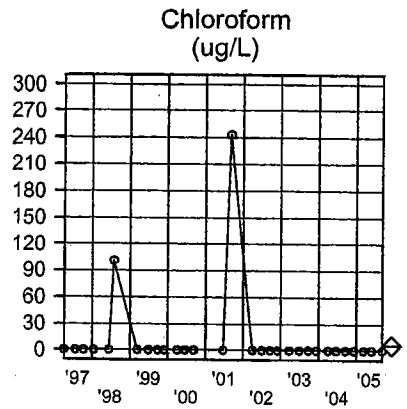

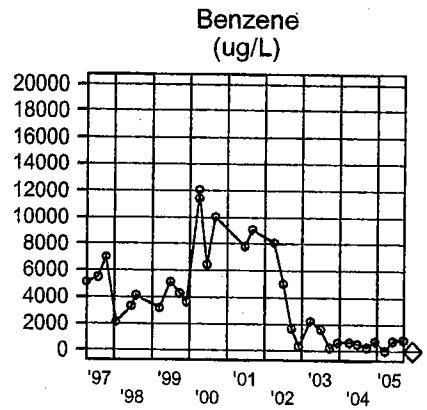

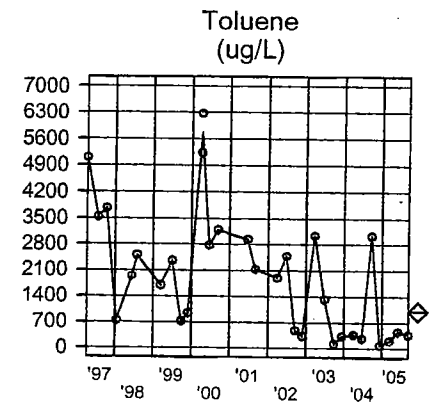

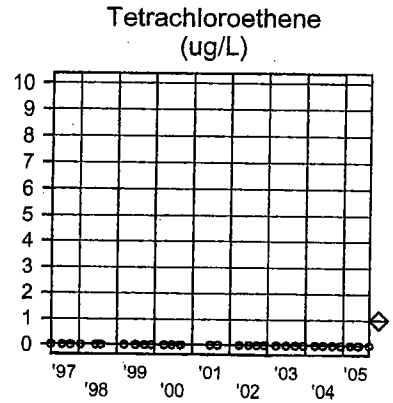

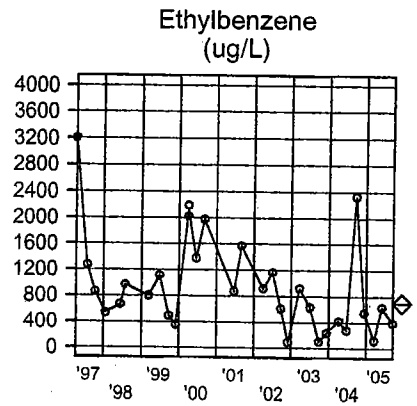

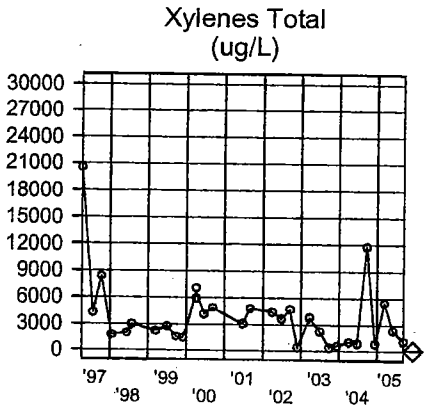

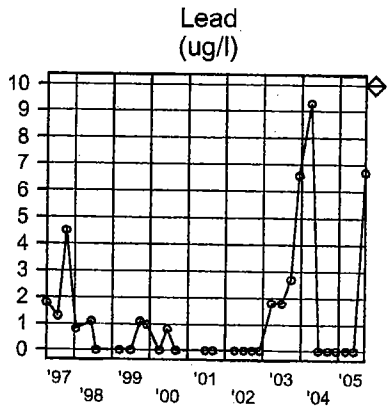

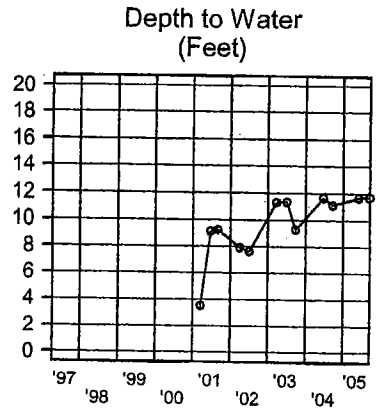

SOURCE: 0699RW11

Sampling Dates:
04/04/1997 - 09/08/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

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	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
05/24/1995	EMSL	1.9	3.3	10	9.8	ND	2.3	14	1.9	4.77	
08/16/1995	EMSL	11	2.2	8.8	9.6	ND	7.7	19	3.0	6.03	
11/20/1995	EMSL	85	7.1	ND	ND	ND	ND	0.5	ND	4.26	C
02/21/1996	EMSL	29	4.3	ND	ND	ND	ND	ND	9	-	D
05/24/1996	FMETL	-	-	-	-	ND	-	-	1.9	-	
01/15/1997	FMETL	-	-	-	-	ND	-	-	-	-	
04/03/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.9	2.38	V, Pb
07/21/1997	FMETL	47	ND	ND	ND	ND	ND	ND	8.2	5.40	V, Pb
10/09/1997	FMETL	27	ND	1.4	ND	ND	ND	ND	ND	6.30	V, Pb
01/14/1998	FMETL	7.51	ND	ND	ND	ND	ND	ND	ND	3.30	V, Pb
06/08/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	1.4	4.97	V, Pb
07/28/1998	FMETL	5.42	ND	ND	ND	ND	ND	ND	ND	5.27	V, Pb
12/30/1998	FMETL	2.51	ND	ND	ND	ND	ND	ND	1.2	7.44	V, Pb
03/11/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	9.9	3.04	V, Pb
06/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	1.9	5.42	V, Pb
09/24/1999	FMETL	ND	88.42	ND	ND	ND	ND	ND	ND	0.8	V, Pb
11/30/1999	FMETL	ND	83.15	ND	ND	ND	ND	ND	1.25	4.82	V, Pb
03/29/2000	FMETL	ND	67.25	ND	ND	ND	ND	ND	ND	3.03	V, Pb
06/16/2000	FMETL	ND	30.63	ND	ND	ND	ND	ND	2.7	3.97	V, Pb
09/07/2000	FMETL	ND	26.77	ND	ND	ND	ND	ND	ND	4.03	V, Pb
12/28/2000	FMETL	ND	17.26	ND	ND	ND	ND	ND	1.9	4.00	V, Pb
03/12/2001	FMETL	ND	20.51	ND	ND	ND	ND	ND	2.23	2.91	V, Pb
06/19/2001	FMETL	ND	ND	9.30	16.92	ND	2.22	13.3	1.00	4.21	V, Pb
08/30/2001	FMETL	ND	5.06	ND	ND	ND	ND	ND	1.41	6.25	V, Pb
12/13/2001	FMETL	ND	10.32	ND	ND	ND	ND	ND	8.3	7.40	V, Pb
03/27/2002	FMETL	ND	3.81	ND	ND	ND	ND	ND	ND	5.05	V, Pb
06/26/2002	FMETL	ND	3.99	ND	1.88	ND	ND	5.49	ND	5.34	V, Pb
11/26/2002	FMETL	ND	0.94	ND	ND	ND	ND	ND	ND	3.23	V, Pb
03/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	2.75	V, Pb
06/25/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	3.46	2.80	V, Pb
09/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.04	5.23	V, Pb
12/08/2003	FMETL	ND	ND	ND	1.77	ND	ND	3.83	6.60	3.90	V, Pb
03/29/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	6.51	3.51	V, Pb
06/18/2004	FMETL	ND	ND	ND	0.99	ND	ND	1.25	11.2	4.54	V, Pb
09/16/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	5.33	5.70	V, Pb
12/02/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.64	V, Pb
03/04/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.03	V, Pb
05/26/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.96	V, Pb
09/08/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	12.9	6.28	V, Pb

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SOURCE: 0699MW05

Sampling Dates:
05/24/1995 - 09/08/2005

NOTES:

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FORT MONMOUTH
SELFM-PW-EV

	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
05/24/1995	EMSL	12	ND	2000	6800	ND	2000	6200	2.3	5.04	B
08/16/1995	EMSL	150	ND	7500	4600	ND	1900	4300	ND	6.43	
11/20/1995	EMSL	ND	ND	2100	2400	ND	1200	3500	ND	4.77	C
02/21/1996	EMSL	ND	ND	140	560	ND	350	1200	4	-	D
05/23/1996	FMEL	-	ND	-	-	ND	-	-	2.3	-	
01/17/1997	FMEL	-	ND	-	-	ND	-	-	-	-	
04/04/1997	FMETL	ND	ND	ND	ND	ND	1.7	3.4	3.9	2.82	V, Pb
07/22/1997	FMETL	ND	ND	860	2880	ND	2290	8180	9.7	5.95	V, Pb
10/10/1997	FMETL	26	ND	1980	515	ND	1280	2870	ND	6.80	V, Pb
01/15/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	0.7	3.75	V, Pb
06/08/1998	FMETL	3.01	ND	233	90	ND	87	245	1.8	4.21	V, Pb
07/28/1998	FMETL	44.07	26.61	1610	756	ND	1430	4160	2.1	5.66	V, Pb
03/10/1999	FMETL	ND	ND	10.5	3.28	ND	3.81	12.5	ND	3.42	V, Pb
06/28/1999	FMETL	179	ND	3269	1540	ND	1900	5563	236.2	5.89	V, Pb
09/24/1999	FMETL	42.2	ND	46.2	4.77	ND	384	124	ND	3.85	V, Pb
11/30/1999	FMETL	68.11	ND	142	96.10	ND	861	2804	2.2	5.36	V, Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	2.2	3.46	V, Pb
06/16/2000	FMETL	5.92	ND	23.33	13.58	ND	177.39	269.32	2.6	4.26	V, Pb
09/07/2000	FMETL	7.73	ND	99.61	50.80	ND	1639.13	3491.32	1.2	4.46	V, Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	-	4.15	No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	-	3.05	No Samp
06/19/2001	FMETL	3.70	ND	761.06	546.35	ND	985.71	1544.89	4.73	4.78	V, Pb
08/30/2001	FMETL	ND	261.44	1177.19	1684.62	ND	1881.59	4730.19	4.89	6.77	V, Pb
12/13/2001	FMETL	ND	ND	401.96	360.71	ND	366.92	964.27	2.7	7.77	V, Pb
03/27/2002	FMETL	ND	ND	1.09	2.98	ND	3.00	12.48	19.0	5.21	V, Pb
06/26/2002	FMETL	-	-	-	-	-	-	-	-	6.12	No Samp
09/19/2002	FMETL	ND	ND	10.5	9.64	ND	114.43	368.32	1.53	6.15	V, Pb
11/26/2002	FMETL	ND	ND	11.72	3.78	ND	74.15	82.33	ND	3.91	V, Pb
03/17/2003	FMETL	ND	ND	10.72	11.52	ND	95.60	212.63	ND	3.11	V, Pb
06/25/2003	FMETL	ND	ND	1.48	1.88	ND	73.82	73.11	9.87	3.17	V, Pb
09/24/2003	FMETL	ND	19.72	23.51	20.87	ND	183.13	459.18	9.96	5.27	V, Pb
12/08/2003	FMETL	ND	ND	ND	0.68	ND	6.25	13.38	28.0	4.50	V, Pb
03/29/2004	FMETL	ND	ND	0.51	ND	ND	10.62	7.63	19.3	4.01	V, Pb
06/18/2004	FMETL	ND	ND	0.79	1.73	ND	10.98	11.43	12.7	5.23	V, Pb
09/16/2004	FMETL	ND	ND	1.63	3.27	ND	73.98	174.46	37.1	6.38	V, Pb
12/02/2004	FMETL	ND	ND	3.70	2.74	ND	75.31	127.8	ND	4.51	V, Pb
03/04/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.33	V, Pb
05/26/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.96	V, Pb

SOURCE: 0699MW06

Sampling Dates:
05/24/1995 - 05/26/2005

NOTES:

FORT MONMOUTH

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FORT MONMOUTH
SELFM-PW-EV

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	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
05/24/1995	EMSL	ND	ND	3.4	3.9	ND	0.7	4.4	2.0	5.21	
08/16/1995	EMSL	ND	ND	9.3	13	ND	1.6	10	6.2	6.57	
11/20/1995	EMSL	ND	ND	1.2	2.0	ND	ND	4.5	ND	5.32	C
02/21/1996	EMSL	0.7	ND	10	ND	ND	ND	1.3	5	-	D
05/28/1996	FMEL	-	-	-	-	ND	-	-	2.0	-	
10/04/1996	FMEL	-	-	-	-	ND	-	-	ND	-	
01/17/1997	FMEL	-	-	-	-	ND	-	-	-	-	
04/04/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.1	3.40	V, Pb
07/21/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.8	5.48	V, Pb
10/10/1997	FMETL	ND	ND	ND	1.13	ND	ND	12.2	0.5	6.70	V, Pb
01/15/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.20	V, Pb
06/09/1998	FMETL	ND	ND	36	ND	ND	ND	ND	1.3	4.03	V, Pb
07/28/1998	FMETL	ND	ND	2.03	ND	ND	ND	ND	2.1	5.25	V, Pb
12/30/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	8.04	V, Pb
03/10/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.08	V, Pb
06/28/1999	FMETL	ND	ND	1.14	0.94	ND	1.83	3.53	1.8	5.45	V, Pb
09/24/1999	FMETL	ND	ND	1.46	ND	ND	ND	ND	1.8	5.74	V, Pb
11/30/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	0.95	5.67	V, Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	1.7	3.75	V, Pb
06/16/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	1.9	4.28	V, Pb
09/07/2000	FMETL	ND	ND	ND	ND	ND	1.32	1.97	ND	4.34	V, Pb
12/28/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.65	V, Pb
03/12/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	2.68	3.29	V, Pb
06/19/2001	FMETL	ND	ND	1.40	3.24	ND	1.32	3.93	3.11	5.18	V, Pb
06/19/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	2.66	5.18	V, Pb
08/30/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	6.53	V, Pb
08/30/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	1.81	6.53	V, Pb
12/13/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	1.4	8.04	V, Pb
03/27/2002	FMETL	ND	ND	ND	1.39	ND	ND	ND	ND	6.35	V, Pb
06/26/2002	FMETL	ND	ND	ND	2.66	ND	ND	5.61	2.70	6.25	V, Pb
09/19/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	0.97	6.20	V, Pb
11/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.34	V, Pb
03/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	1.31	3.61	V, Pb
06/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.65	V, Pb
09/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.96	V, Pb
12/08/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	0.900	5.25	V, Pb
03/29/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.33	V, Pb
06/18/2004	FMETL	ND	ND	ND	0.68	ND	ND	0.72	ND	5.06	V, Pb
09/16/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	6.35	V, Pb

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SOURCE: 0699MW08

Sampling Dates:
05/24/1995 - 09/08/2005

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 7 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
12/02/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.40	V, Pb
03/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.60	V, Pb
05/26/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.55	V, Pb
09/08/2005	FMETL	ND	ND	ND	ND	ND	1.38	2.97	ND	6.51	V, Pb

SOURCE: 0699MW08

Sampling Dates:
05/24/1995 - 09/08/2005

NOTES:

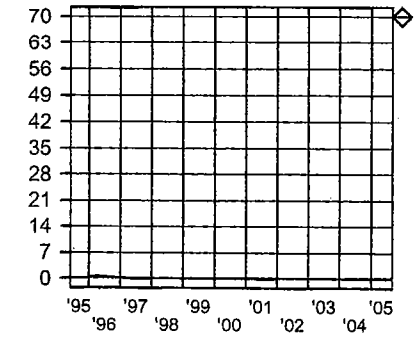
FORT MONMOUTH

GW MONITORING
Bldg. 699

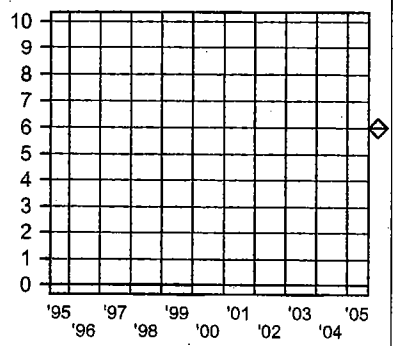
Source 7 of 13 (cont.)

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

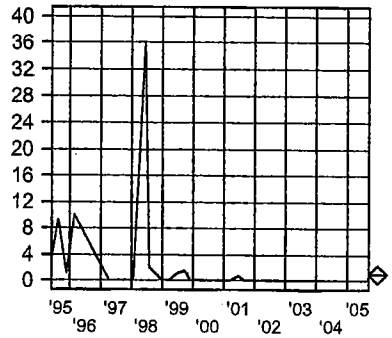
Methyl-tert-Buthyl ether
(ug/L)



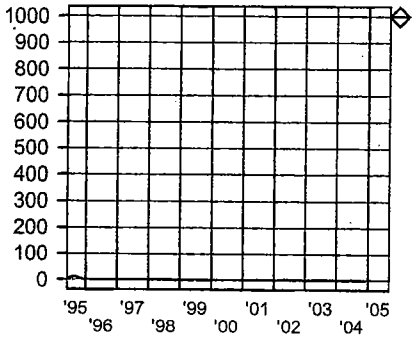
Chloroform
(ug/L)



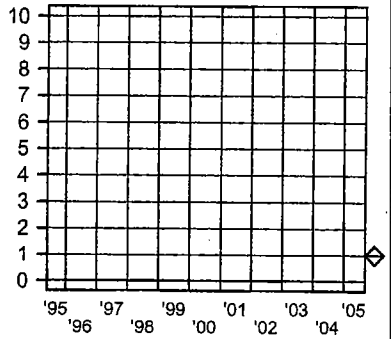
Benzene
(ug/L)



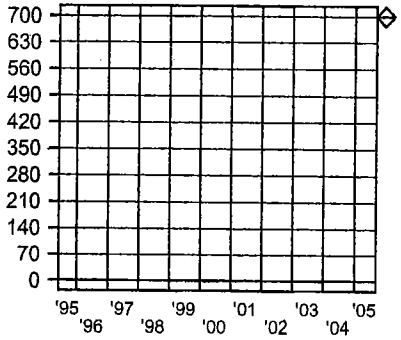
Toluene
(ug/L)



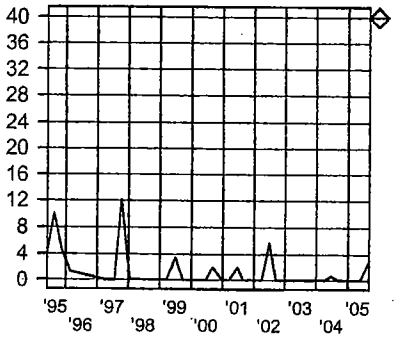
Tetrachloroethene
(ug/L)



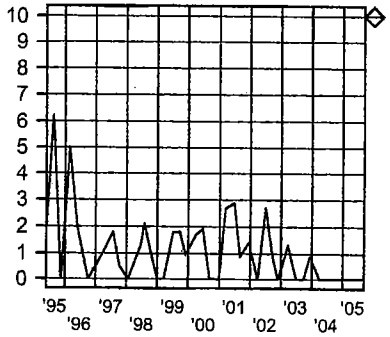
Ethylbenzene
(ug/L)



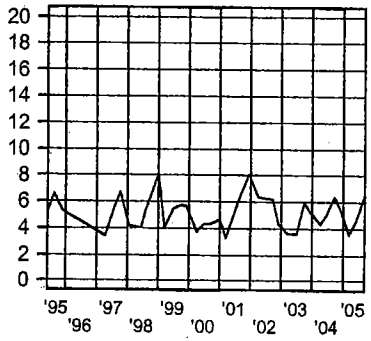
Xylenes Total
(ug/L)



Lead
(ug/l)



Depth to Water
(Feet)



SOURCE: 0699MW08

Sampling Dates:
05/24/1995 - 09/08/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 7 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-05-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
05/24/1995	EMSL	ND	ND	0.6	2.2	ND	ND	2.4	1.9	5.34	
08/16/1995	EMSL	ND	ND	ND	ND	ND	ND	ND	ND	6.92	
11/20/1995	EMSL	0.5	ND	1.6	4.1	ND	0.6	5.0	ND	4.83	C
02/21/1996	EMSL	ND	ND	ND	ND	ND	ND	ND	ND	-	D
05/23/1996	FMEL	-	-	-	-	ND	-	-	1.9	-	
10/01/1996	FMEL	-	-	-	-	ND	-	-	-	-	
01/15/1997	FMEL	-	-	-	-	ND	-	-	-	-	
04/03/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.0	2.41	V, Pb
07/21/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	0.6	6.25	V, Pb
10/09/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.10	V, Pb
01/14/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.70	V, Pb
06/09/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	1.0	4.51	V, Pb
07/28/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	1.1	5.99	V, Pb
12/30/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.93	V, Pb
03/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.47	V, Pb
06/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	1.3	6.14	V, Pb
09/24/1999	FMETL	ND	ND	ND	ND	9.76	ND	ND	1.5	4.97	V, Pb
11/30/1999	FMETL	ND	ND	1.5	4.11	539	ND	5.54	0.86	5.57	V, Pb
03/29/2000	FMETL	ND	1.92	ND	ND	ND	ND	ND	0.80	3.27	V, Pb
06/16/2000	FMETL	ND	ND	ND	ND	20.65	ND	ND	1.1	4.57	V, Pb
09/07/2000	FMETL	ND	ND	ND	ND	17.00	ND	ND	ND	4.80	V, Pb
12/28/2000	FMETL	ND	ND	ND	ND	5.66	ND	ND	0.9	4.42	V, Pb
03/12/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	1.85	3.07	V, Pb
06/19/2001	FMETL	ND	ND	ND	1.96	2.24	ND	1.27	ND	4.83	V, Pb
08/30/2001	FMETL	ND	ND	ND	ND	4.68	ND	ND	ND	7.07	V, Pb
12/13/2001	FMETL	ND	ND	ND	ND	2.25	ND	ND	ND	7.96	V, Pb
03/25/2002	FMETL	ND	ND	ND	ND	1.81	ND	ND	ND	5.36	V, Pb
06/26/2002	FMETL	ND	ND	ND	1.27	2.55	ND	1.96	0.94	6.25	V, Pb
09/19/2002	FMETL	ND	ND	ND	ND	2.86	ND	ND	ND	6.49	V, Pb
11/26/2002	FMETL	ND	ND	ND	ND	1.30	ND	ND	ND	3.57	V, Pb
03/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.00	V, Pb
06/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.03	V, Pb
09/24/2003	FMETL	ND	ND	ND	ND	1.37	ND	ND	1.84	6.07	V, Pb
12/08/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	3.53	4.74	V, Pb
03/29/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.95	V, Pb
06/18/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.40	V, Pb
09/16/2004	FMETL	ND	ND	ND	ND	0.70	ND	ND	ND	6.60	V, Pb
12/02/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.42	V, Pb
03/04/2005	FMETL	ND	ND	ND	0.92	ND	ND	1.19	ND	3.21	V, Pb

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SOURCE: 0699MW09

Sampling Dates:
05/24/1995 - 09/08/2005

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 8 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
05/23/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.33	V, Pb
09/08/2005	FMETL	ND	ND	ND	ND	ND	0.33	ND	ND	7.17	V, Pb

SOURCE: 0699MW09

Sampling Dates:
05/24/1995 - 09/08/2005

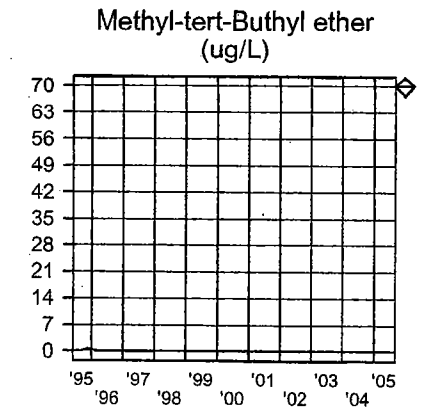
NOTES:

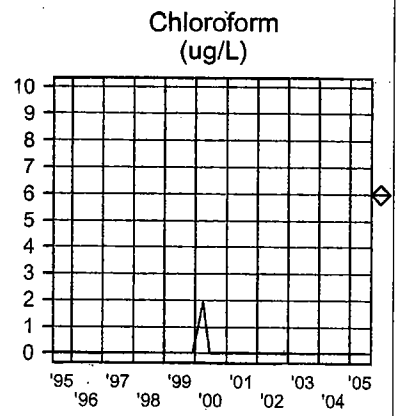
FORT MONMOUTH

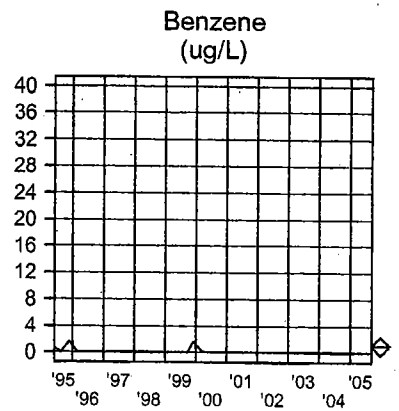
GW MONITORING
Bldg. 699

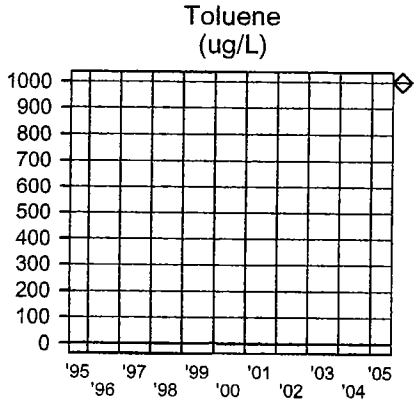
Source 8 of 13 (cont.)

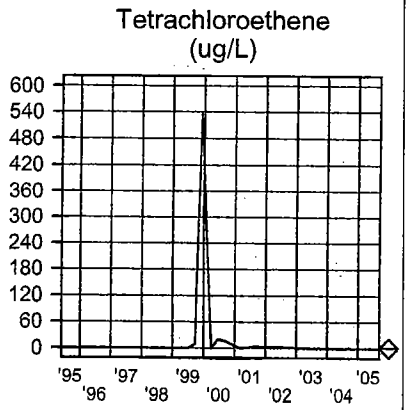
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

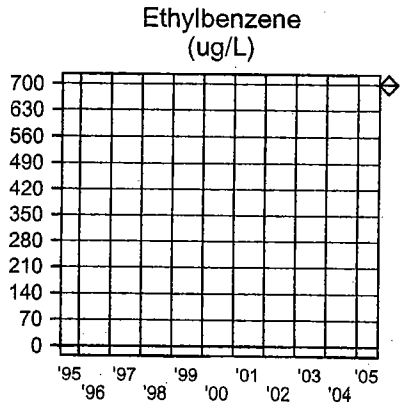


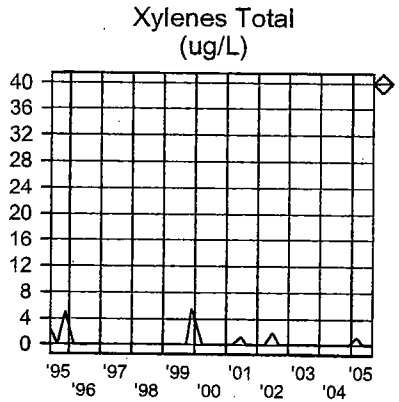


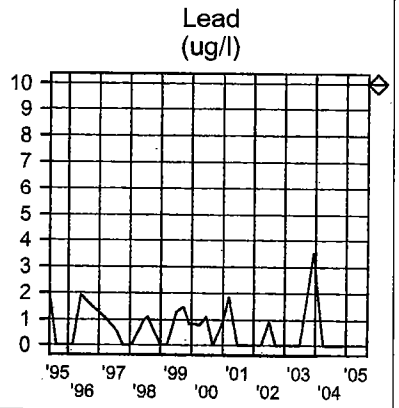


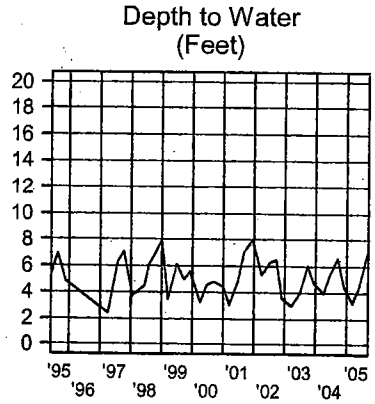












SOURCE: 0699MW09

Sampling Dates:
05/24/1995 - 09/08/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 8 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-05-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
05/24/1995	EMSL	ND	ND	0.9	3.9	ND	0.7	4.6	3.7	5.66	
08/16/1995	EMSL	ND	ND	3.2	12	ND	1.8	14	ND	7.09	
11/20/1995	EMSL	ND	ND	0.6	3.1	ND	0.6	5.0	ND	5.90	C
02/21/1996	EMSL	ND	ND	ND	ND	ND	ND	ND	ND	-	D
05/23/1996	FMETL	ND	-	-	-	ND	-	-	1.5	-	
01/15/1997	FMETL	ND	-	-	-	ND	-	-	-	-	
04/02/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.1	3.64	V, Pb
07/21/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.8	6.20	V, Pb
10/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.30	V, Pb
01/14/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	0.5	4.80	V, Pb
06/11/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	0.6	4.69	V, Pb
07/28/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	0.9	5.89	V, Pb
12/30/1998	FMETL	ND	5.06	ND	ND	ND	ND	ND	2.8	7.5	V, Pb
03/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.57	V, Pb
06/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	2.4	6.11	V, Pb
09/24/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	1.2	8.13	V, Pb
11/30/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	6.18	V, Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	1.5	4.26	V, Pb
06/16/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	0.9	4.76	V, Pb
09/07/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.02	V, Pb
12/28/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.23	V, Pb
03/12/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	2.51	3.69	V, Pb
06/19/2001	FMETL	ND	ND	ND	1.56	ND	ND	ND	ND	5.64	V, Pb
08/30/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.28	V, Pb
12/13/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	1.0	8.59	V, Pb
03/25/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	6.89	V, Pb
06/26/2002	FMETL	ND	ND	ND	ND	ND	ND	1.34	ND	6.85	V, Pb
09/19/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	1.26	6.95	V, Pb
11/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.90	V, Pb
03/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.15	V, Pb
06/30/2003	FMETL	ND	20.38	ND	ND	ND	ND	ND	ND	4.26	V, Pb
09/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	6.55	V, Pb
12/08/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.80	V, Pb
03/29/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.90	V, Pb
06/18/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.72	V, Pb
09/16/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.00	V, Pb
12/02/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.73	V, Pb
03/04/2005	FMETL	28.99	ND	ND	0.57	ND	ND	ND	ND	4.04	V, Pb
05/23/2005	FMETL	4.62	ND	ND	ND	ND	ND	ND	ND	5.09	V, Pb

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SOURCE: 0699MW12

Sampling Dates:
05/24/1995 - 09/08/2005

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 9 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
09/08/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.28	V, Pb

SOURCE: 0699MW12

Sampling Dates:
05/24/1995 - 09/08/2005

NOTES:

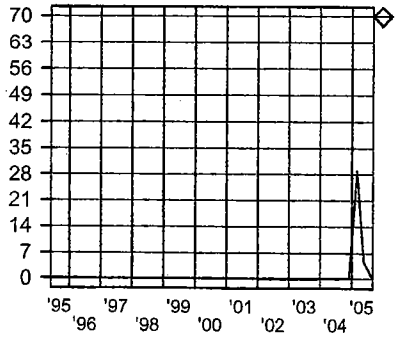
FORT MONMOUTH

GW MONITORING
Bldg. 699

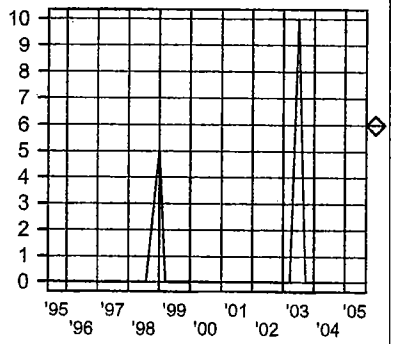
Source 9 of 13 (cont.)

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

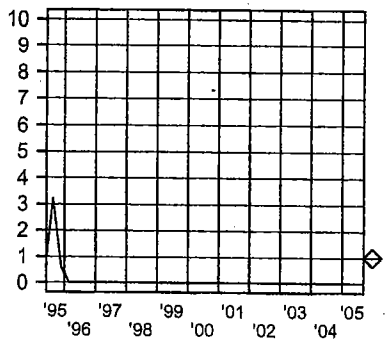
Methyl-tert-Buthyl ether
(ug/L)



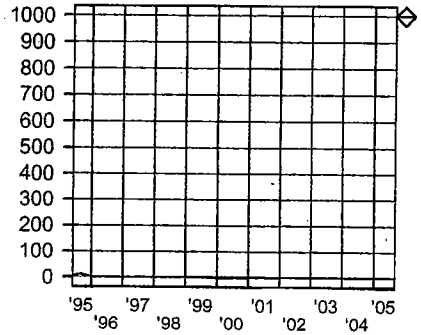
Chloroform
(ug/L)



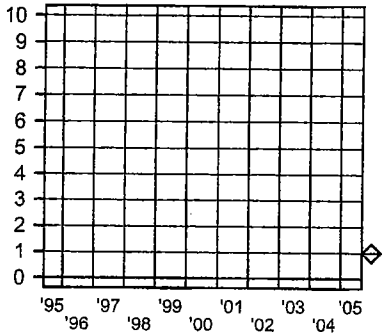
Benzene
(ug/L)



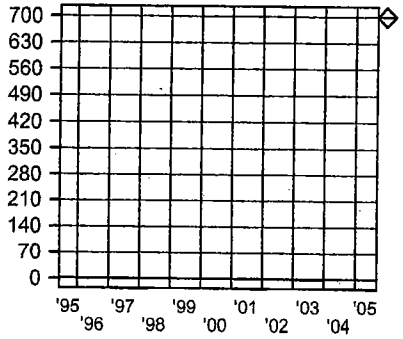
Toluene
(ug/L)



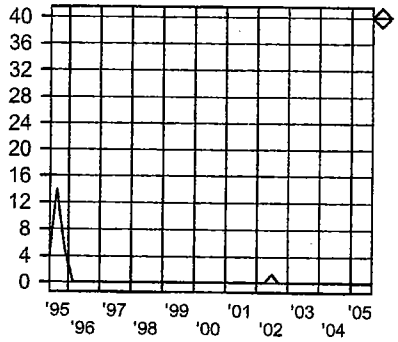
Tetrachloroethene
(ug/L)



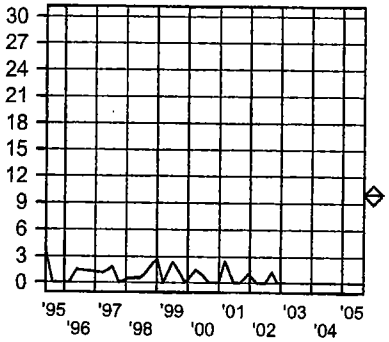
Ethylbenzene
(ug/L)



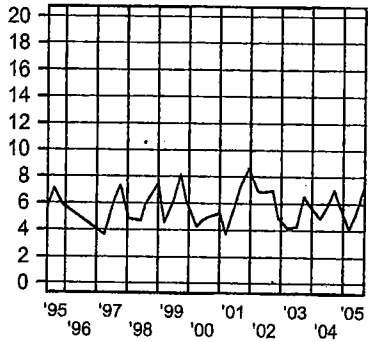
Xylenes Total
(ug/L)



Lead
(ug/l)



Depth to Water
(Feet)



SOURCE: 0699MW12

Sampling Dates:
05/24/1995 - 09/08/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 9 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-05-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
02/20/1996	EMSL	ND	ND	ND	ND	ND	ND	ND	ND	-	D
05/22/1996	FMEL	ND	ND	ND	-	ND	ND	ND	1.7	-	
10/01/1996	FMEL	ND	ND	ND	-	ND	ND	ND	-	-	
01/13/1997	FMEL	ND	ND	ND	-	ND	ND	ND	2.3	-	
04/02/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.9	2.04	V, Pb
07/16/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	5.5	5.55	V, Pb
10/07/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	5.90	V, Pb
01/09/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	1.25	V, Pb
06/09/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	26.0	4.58	V, Pb
07/29/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	24.4	5.63	V, Pb
12/30/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	16.6	7.95	V, Pb
03/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	2.3	2.34	V, Pb
06/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	22.9	5.68	V, Pb
09/24/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	5.1	4.81	V, Pb
11/30/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	3.39	5.00	V, Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	2.3	2.21	V, Pb
06/16/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	15.5	4.37	V, Pb
09/07/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	7.0	3.99	V, Pb
09/07/2000D	FMETL	ND	ND	ND	ND	ND	ND	ND	8.1	3.99	V, Pb
12/28/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	4.0	3.73	V, Pb
12/28/2000D	FMETL	ND	ND	ND	ND	ND	ND	ND	4.0	3.73	V, Pb
03/12/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	15.92	2.59	V, Pb
03/12/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	13.38	2.59	V, Pb
06/19/2001	FMETL	ND	ND	1.33	1.82	ND	ND	ND	3.21	3.35	V, Pb
08/30/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	5.82	5.92	V, Pb
12/13/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	3.9	7.21	V, Pb
03/27/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	5.51	1.73	V, Pb
06/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	2.30	4.71	V, Pb
09/19/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	3.35	4.84	V, Pb
11/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	2.14	V, Pb
03/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	2.13	V, Pb
06/25/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	2.91	2.35	V, Pb
09/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	8.96	5.03	V, Pb
12/08/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.74	3.05	V, Pb
03/29/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	15.1	3.05	V, Pb
06/18/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.55	V, Pb
09/16/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	8.41	5.61	V, Pb
12/06/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.09	V, Pb
03/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	2.53	V, Pb

10-05-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

SOURCE: 0699MW15

Sampling Dates:
02/20/1996 - 09/08/2005

NOTES:

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 10 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethy benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
05/26/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	8.35	3.95	V, Pb
09/08/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	6.56	V, Pb

SOURCE: 0699MW15

Sampling Dates:
02/20/1996 - 09/08/2005

NOTES:

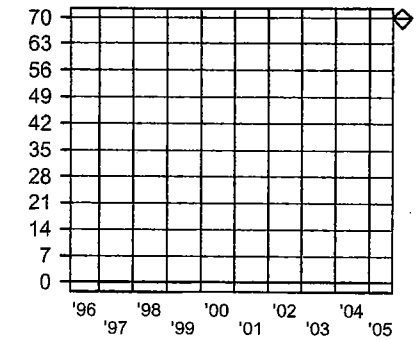
FORT MONMOUTH

GW MONITORING
Bldg. 699

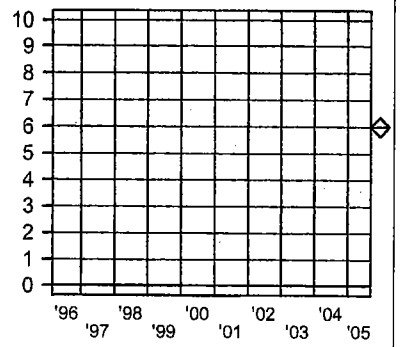
Source 10 of 13 (cont.)

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

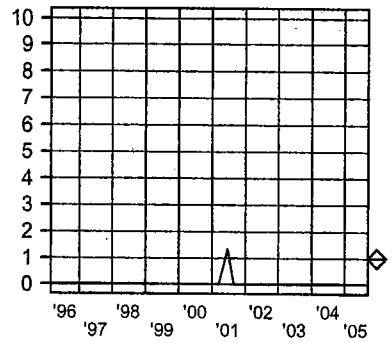
Methyl-tert-Buthyl ether
(ug/L)



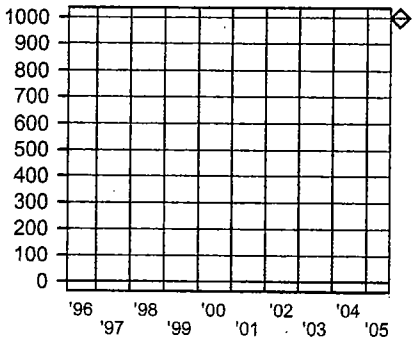
Chloroform
(ug/L)



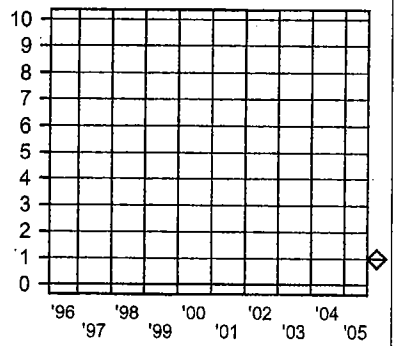
Benzene
(ug/L)



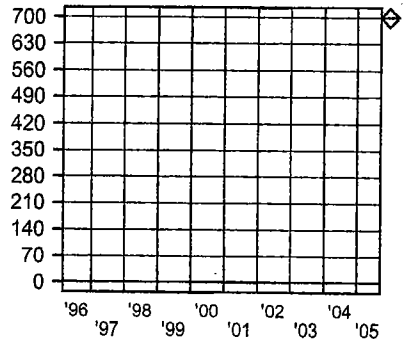
Toluene
(ug/L)



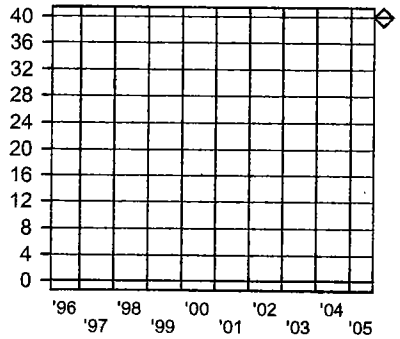
Tetrachloroethene
(ug/L)



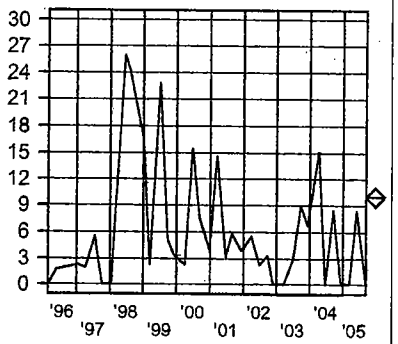
Ethylbenzene
(ug/L)



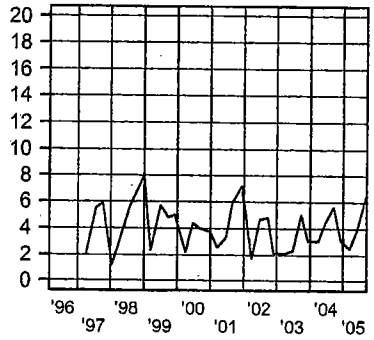
Xylenes Total
(ug/L)



Lead
(ug/l)



Depth to Water
(Feet)



SOURCE: 0699MW15

Sampling Dates:
02/20/1996 - 09/08/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 10 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-05-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
11/21/1995	EMSL	ND	1.1	ND	ND	ND	ND	ND	ND	5.19	D
02/20/1996	EMSL	ND	17	ND	ND	ND	ND	ND	6	-	
05/23/1996	FMEL	-	-	-	-	-	-	-	1.1	-	
10/01/1996	FMEL	-	-	-	-	-	-	-	-	-	
01/15/1997	FMEL	-	-	-	-	-	-	-	-	-	
04/03/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.0	1.67	V, Pb
07/21/1997	FMETL	ND	14.58	ND	ND	ND	ND	ND	2.7	6.80	V, Pb
10/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.60	V, Pb
01/14/1998	FMETL	ND	5.01	ND	ND	ND	ND	ND	ND	2.80	V, Pb
06/09/1998	FMETL	ND	24.08	ND	ND	ND	ND	ND	1.4	4.55	V, Pb
07/28/1998	FMETL	ND	12.93	ND	ND	ND	ND	ND	ND	6.23	V, Pb
12/30/1998	FMETL	ND	5.06	ND	ND	ND	ND	ND	ND	7.63	V, Pb
03/09/1999	FMETL	ND	13.6	ND	ND	ND	ND	ND	ND	2.54	V, Pb
06/28/1999	FMETL	ND	21.79	ND	ND	ND	ND	ND	ND	6.39	V, Pb
09/24/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	1.2	6.72	V, Pb
11/30/1999	FMETL	ND	6.34	ND	ND	ND	ND	ND	0.92	5.47	V, Pb
03/29/2000	FMETL	ND	ND	ND	ND	5.18	ND	ND	1.9	2.38	V, Pb
06/16/2000	FMETL	ND	16.18	ND	ND	ND	ND	ND	1.3	4.44	V, Pb
09/07/2000	FMETL	ND	4.70	ND	ND	ND	ND	ND	ND	4.96	V, Pb
12/28/2000	FMETL	ND	1.67	ND	ND	ND	ND	ND	ND	3.93	V, Pb
03/12/2001	FMETL	ND	5.98	ND	ND	ND	ND	ND	2.92	2.47	V, Pb
06/19/2001	FMETL	ND	5.31	ND	ND	ND	ND	ND	ND	5.00	V, Pb
08/30/2001	FMETL	ND	1.02	ND	ND	ND	ND	ND	ND	7.26	V, Pb
12/13/2001	FMETL	ND	1.67	ND	ND	ND	ND	ND	ND	7.64	V, Pb
03/25/2002	FMETL	ND	10.09	ND	ND	ND	ND	ND	ND	4.92	V, Pb
06/26/2002	FMETL	ND	10.83	ND	ND	ND	ND	ND	ND	5.79	V, Pb
09/19/2002	FMETL	ND	2.64	ND	ND	ND	ND	ND	ND	7.34	V, Pb
11/26/2002	FMETL	ND	14.38	ND	ND	ND	ND	ND	ND	2.57	V, Pb
03/17/2003	FMETL	ND	31.83	ND	ND	ND	ND	ND	ND	2.34	V, Pb
09/24/2003	FMETL	ND	2.91	ND	ND	ND	ND	ND	ND	6.22	V, Pb
12/08/2003	FMETL	ND	4.25	ND	ND	0.49	ND	ND	ND	4.04	V, Pb
03/29/2004	FMETL	ND	7.31	ND	ND	ND	ND	ND	ND	3.25	V, Pb
06/18/2004	FMETL	ND	3.54	ND	ND	ND	ND	ND	ND	5.23	V, Pb
09/16/2004	FMETL	ND	1.43	ND	ND	0.91	ND	ND	ND	6.51	V, Pb
12/02/2004	FMETL	ND	3.56	ND	ND	1.09	ND	ND	ND	3.62	V, Pb
03/04/2005	FMETL	ND	26.07	ND	0.40	ND	ND	ND	ND	2.48	V, Pb
05/23/2005	FMETL	ND	15.51	ND	ND	ND	ND	ND	ND	3.72	V, Pb
09/08/2005	FMETL	ND	0.83	ND	ND	1.37	ND	ND	ND	7.48	V, Pb

SOURCE: 0699MW16

Sampling Dates:
11/21/1995 - 09/08/2005

NOTES:

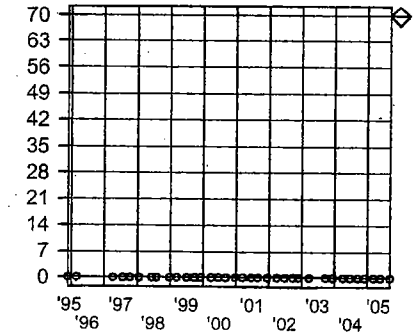
FORT MONMOUTH

GW MONITORING
Bldg. 699

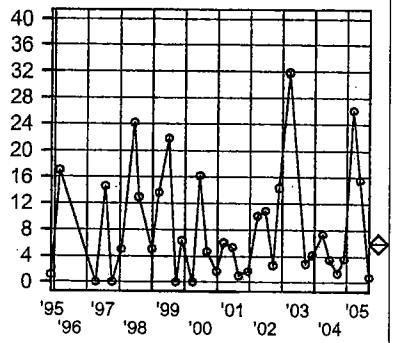
Source 11 of 13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

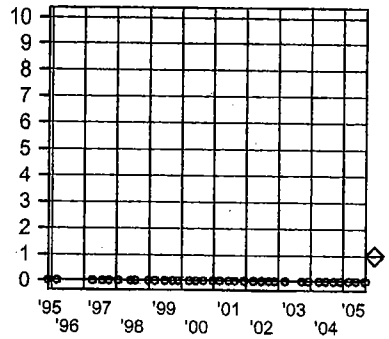
Methyl-tert-Buthyl ether
(ug/L)



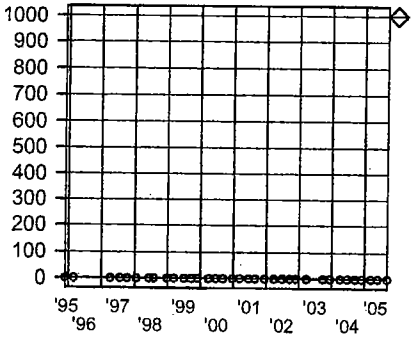
Chloroform
(ug/L)



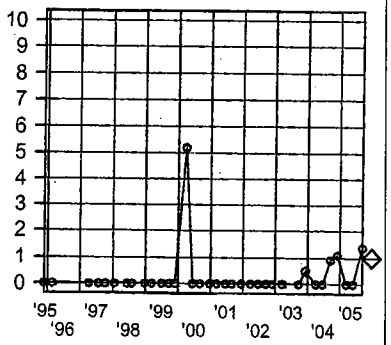
Benzene
(ug/L)



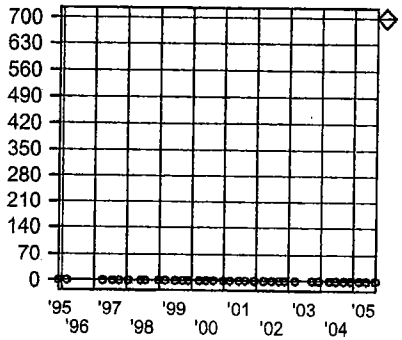
Toluene
(ug/L)



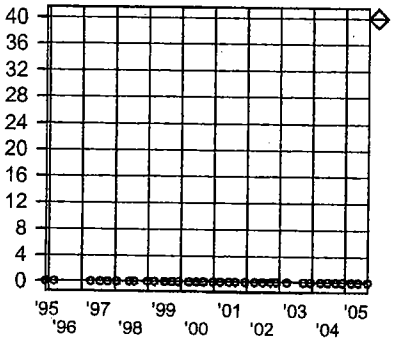
Tetrachloroethene
(ug/L)



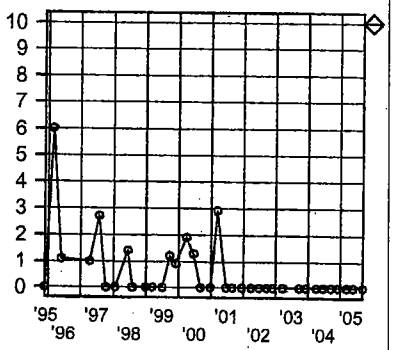
Ethylbenzene
(ug/L)



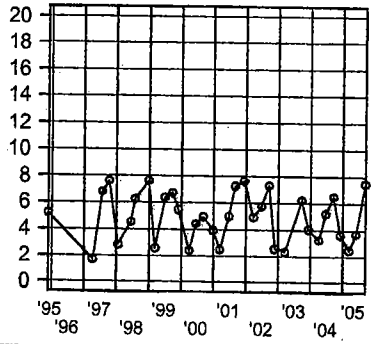
Xylenes Total
(ug/L)



Lead
(ug/l)



Depth to Water
(Feet)



SOURCE: 0699MW16

Sampling Dates:
11/21/1995 - 09/08/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg. 699

Source 11 of 13, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-05-2005 \\monm545\envr_data\MtechData\699A\699A.WSF

	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
04/04/1997	FMETL	ND	ND	5100	5100	ND	3200	20500	1.8	-	V, Pb
07/22/1997	FMETL	512	ND	5480	3530	ND	1270	4260	1.3	-	V, Pb
10/10/1997	FMETL	1055	ND	6970	3760	ND	860	8340	4.5	-	V, Pb
01/16/1998	FMETL	268	ND	2120	740	ND	540	1750	0.8	-	V, Pb
06/09/1998	FMETL	343	ND	3300	1941	ND	673	1955	1.1	-	V, Pb
07/29/1998	FMETL	770	101	4110	2500	ND	970	2960	ND	-	V, Pb
03/09/1999	FMETL	752	ND	3200	1690	ND	802	2200	ND	-	V, Pb
06/28/1999	FMETL	837	ND	5122	2353	ND	1112	2747	ND	-	V, Pb
09/24/1999	FMETL	1341	ND	4278	713	ND	495.7	1523	1.1	-	V, Pb
11/30/1999	FMETL	1406	ND	3645	943	ND	353	1419	0.97	-	V, Pb
03/29/2000	FMETL	2806.07	ND	12061.86	6273.83	ND	2191.22	7052.36	ND	-	V, Pb
03/29/2000D	FMETL	2588.87	ND	11385.65	5237.20	ND	2022.58	5914.65	ND	-	V, Pb
06/16/2000	FMETL	918.06	ND	6428.13	2774.91	ND	1380.64	4106.77	0.8	-	V, Pb
09/07/2000	FMETL	903.14	ND	10026.66	3184.30	ND	1973.57	4839.61	ND	-	V, Pb
12/28/2000	FMETL	-	-	-	-	-	-	-	-	-	No Samp
03/12/2001	FMETL	-	-	-	-	-	-	-	-	3.50	No Samp
06/19/2001	FMETL	1588.83	ND	7812.42	2932.54	ND	872.36	3061.34	ND	9.09	V, Pb
08/30/2001	FMETL	1564.32	243.36	9061.81	2136.97	ND	1567.48	4786.87	ND	9.23	V, Pb
12/13/2001	FMETL	-	-	-	-	-	-	-	-	-	No Samp
03/27/2002	FMETL	763.15	ND	8081.71	1897.11	ND	913.41	4405.86	ND	7.90	V, Pb
06/26/2002	FMETL	263.39	ND	5027.39	2481.36	ND	1162.11	3640.85	ND	7.61	V, Pb
09/19/2002	FMETL	276.39	ND	1656.53	474.38	ND	608.84	4671.57	ND	-	V, Pb
11/26/2002	FMETL	77.01	ND	306.67	322.73	ND	89.47	389.31	ND	-	V, Pb
03/17/2003	FMETL	424.58	ND	2241.65	3045.43	ND	919.82	3797.12	1.80	11.28	V, Pb
06/25/2003	FMETL	195.72	ND	1609.59	1317.86	ND	633.41	2258.51	1.78	11.33	V, Pb
09/24/2003	FMETL	278.8	ND	210.43	114.53	ND	103.74	385.62	2.68	9.29	V, Pb
12/08/2003	FMETL	231.93	ND	587.03	323.54	ND	237.1	620.81	6.60	-	V, Pb
03/29/2004	FMETL	196.5	ND	629.17	360.37	ND	424.61	992.38	9.27	-	V, Pb
06/18/2004	FMETL	156.90	ND	504.50	266.76	ND	274.75	847.26	ND	11.65	V, Pb
09/16/2004	FMETL	ND	ND	250.53	3031.86	ND	2329.45	11744.18	ND	11.13	V, Pb
12/09/2004	FMETL	355.32	ND	708.51	82.82	ND	545.62	826.03	ND	-	V, Pb
03/07/2005	FMETL	ND	ND	13.98	201.12	ND	124.85	5417.85	ND	-	V, Pb
05/26/2005	FMETL	457.11	ND	737.49	440.61	ND	636.02	2347.35	ND	11.67	V, Pb
09/08/2005	FMETL	353.62	ND	801.36	368.34	ND	388.69	1086.9	6.71	11.68	V, Pb

SOURCE: 0699RW11

Sampling Dates:
04/04/1997 - 09/08/2005

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	Lab	Methy-tert-Butyl ether	Chloroform	Benzene	Toluene	Tetra chloro ethene	Ethyl benzene	Total Xylenes	Lead	Depth to Water	Notes
Units:	-	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	Feet	-
NJDEP Criteria:	-	70	6	1	1000	1	700	40	10	-	-
04/02/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	-	-	V, Pb
07/16/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	1.7	7.90	V, Pb
10/07/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	8.10	V, Pb
01/09/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	5.0	2.60	V, Pb
06/09/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	0.7	6.44	V, Pb
07/29/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.84	V, Pb
12/30/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	10.07	V, Pb
03/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	1.2	3.53	V, Pb
06/28/1999	FMETL	ND	ND	ND	ND	ND	ND	3.91	1.4	7.68	V, Pb
09/24/1999	FMETL	ND	ND	ND	ND	ND	ND	19.8	2.0	5.70	V, Pb
11/30/1999	FMETL	ND	ND	ND	ND	ND	ND	6.95	1.54	6.82	V, Pb
03/29/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	1.3	3.64	V, Pb
06/16/2000	FMETL	ND	ND	ND	ND	ND	ND	2.27	3.8	6.13	V, Pb
09/07/2000	FMETL	ND	ND	ND	ND	ND	ND	3.00	1.3	6.06	V, Pb
12/28/2000	FMETL	ND	ND	ND	ND	ND	ND	4.35	2.6	5.25	V, Pb
03/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	7.50	4.02	V, Pb
06/19/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	1.75	5.22	V, Pb
08/30/2001	FMETL	ND	ND	ND	ND	ND	ND	1.17	3.45	8.34	V, Pb
12/13/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	3.4	9.68	V, Pb
12/13/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	7.0	9.68	V, Pb
03/27/2002	FMETL	ND	1.14	ND	ND	ND	ND	ND	ND	3.40	V, Pb
06/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	10.1	6.95	V, Pb
09/19/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	5.75	7.26	V, Pb
11/26/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.57	V, Pb
03/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	3.11	V, Pb
06/25/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.21	V, Pb
09/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	2.15	7.77	V, Pb
12/06/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	1.60	4.75	V, Pb
03/29/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.52	V, Pb
06/18/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	7.03	V, Pb
09/16/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	6.71	8.33	V, Pb
12/07/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.72	V, Pb
03/07/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.23	V, Pb
05/26/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	4.76	V, Pb
09/08/2005	FMETL	ND	ND	ND	ND	ND	ND	ND	ND	9.46	V, Pb

SOURCE: 0616MW01

Sampling Dates:
04/02/1997 - 09/08/2005

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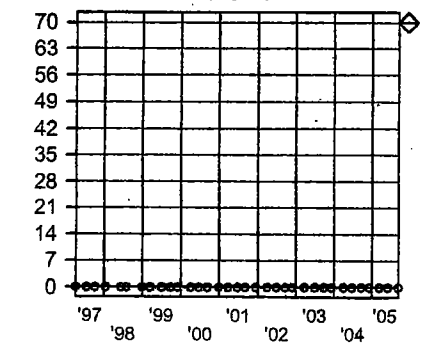
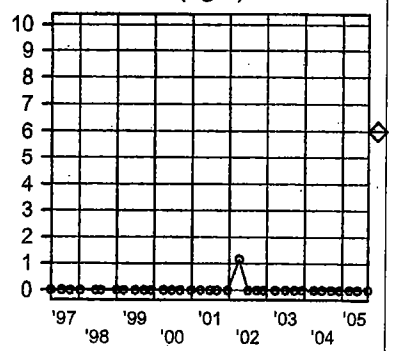
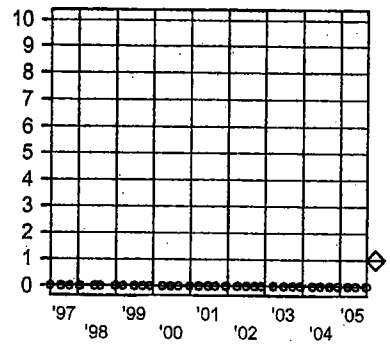
Methyl-tert-Buthyl ether
(ug/L)



Chloroform
(ug/L)



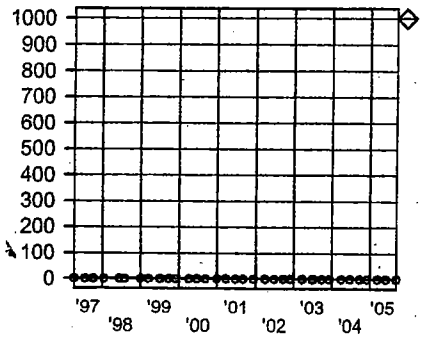
Benzene
(ug/L)



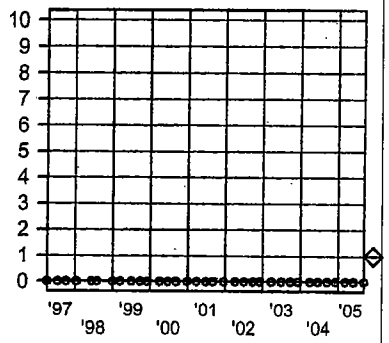
SOURCE: 0616MW01

Sampling Dates:
04/02/1997 - 09/08/2005

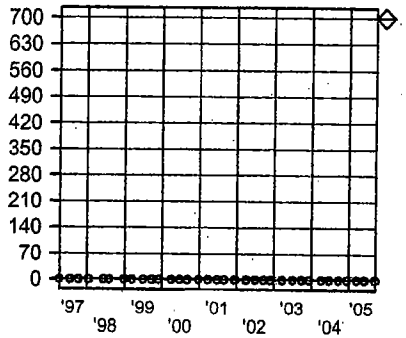
Toluene
(ug/L)



Tetrachloroethene
(ug/L)



Ethylbenzene
(ug/L)



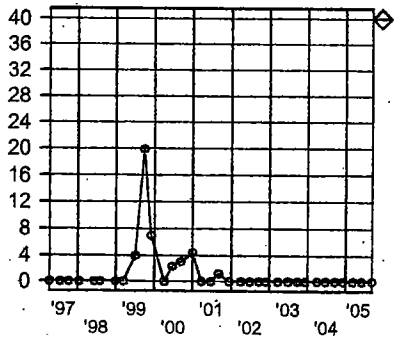
LEGEND:

PARAMETER

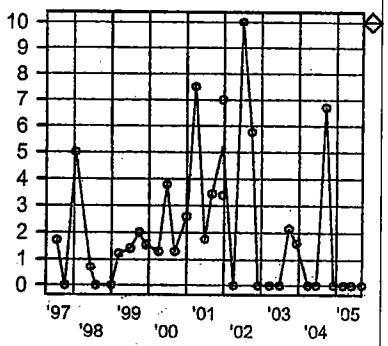
o = Date Sampled

NJDEP Criteria

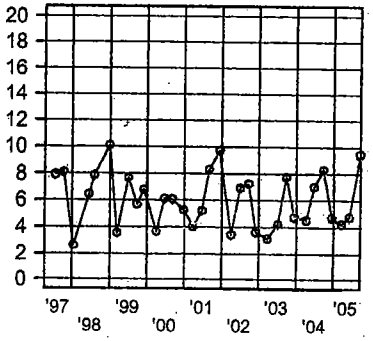
Xylenes Total
(ug/L)



Lead
(ug/l)



Depth to Water
(Feet)



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