CW1

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
Site CW-1, AEDB-R Site # FTMM-22
Fort Monmouth, New Jersey
Charles Wood Area

Dear Mr. Quinn:

The enclosed Remedial Action Progress Report (RAPR) includes the results of four groundwater sampling events conducted between October 2004 and July 2005. As discussed in the report, most of the chlorinated hydrocarbon mass has been removed and the systems were shut down May 25, 2005, as previously suggested and conditionally approved by the NJDEP. The July 2005 sampling event represents the first groundwater sampling event conducted since the systems were turned off, and the results are consistent with the sampling results from the past year. The Directorate of Public Works (DPW) will continue to sample site monitoring wells on a quarterly basis. The next RAPR to be submitted to the NJDEP will cover the operational period from October 2005 to September 2006. The DPW plans on submitting this RAPR on or before 31 August 07.

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

HANDEX®
Practical Environmental Solutions

March 2006

Mr. Douglas Guenther
U.S. Army, Fort Monmouth Garrison
Directorate of Public Works
ATTN: IMNE-MON-PWE 173 Riverside Avenue
Fort Monmouth, New Jersey 07703

Re: *Remedial Action Progress Report,* October 2004 – September 2005
Charles Wood Area (CW-1) – Remediation System

Dear Mr. Guenther:

The enclosed Remedial Action Progress Report (RAPR) includes the results of four groundwater sampling events conducted between October 2004 and July 2005. As discussed in the report, most of the chlorinated hydrocarbon mass has been removed and the systems were shut down May 25, 2005, as previously suggested and conditionally approved by the NJDEP. The July 2005 sampling event represents the first groundwater sampling event conducted since the systems were turned off, and the results are consistent with the sampling results from the past year.

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 (732) 536-8667, extension 214.

Sincerely,

Andrew R. Drake
Principal Hydrogeologist
NJDEP License Number 0010019
Enclosure

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

HANDEX®
Practical Environmental Solutions

REMEDIAL ACTION PROGRESS REPORT
October 2004 through September 2005
U.S. Army, Fort Monmouth
Building 2700, Charles Wood Area
Fort Monmouth, Monmouth County, New Jersey

March 2006

Prepared for:

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

Prepared by:

Vincent S. Barra
Hydrogeologist

Reviewed by:

Andrew R. Drake
Principal Hydrogeologist
NJDEP License No. 0010019

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

TABLE OF CONTENTS

SECTION		PAGE
1.0	INTRODUCTION	1
2.0	SITE SUMMARY	1
3.0	REMEDIATION STATUS	2
3.1	Air Sparge/Soil Vapor Extraction System	3
3.2	Groundwater Pump-and-Treat System	3
4.0	GROUND WATER SAMPLING	4
4.1	Contaminants of Concern	4
4.1.1	Volatile Organic Results	4
5.0	LABORATORY QA/QC REVIEW	5
6.0	CONCLUSIONS	7
7.0	RECOMMENDATIONS	7

FIGURES

1. Site Location Map
2. Site Plan
3. Process & Instrumentation Diagram
4. Site Information Plan, Shallow Monitoring Wells, October 22, 2004
5. Site Information Plan, Deep Monitoring Wells, October 22, 2004
6. Site Information Plan, Shallow Monitoring Wells, January 26 & 27, 2005
7. Site Information Plan, Deep Monitoring Wells, January 26 & 27, 2005
8. Site Information Plan, Shallow Monitoring Wells, April 28 & 29, 2005
9. Site Information Plan, Deep Monitoring Wells, April 28 & 29, 2005
10. Site Information Plan, Shallow Monitoring Wells, July 21 & 22, 2005
11. Site Information Plan, Deep Monitoring Wells, July 21 & 22, 2005
12. Total VOC Concentrations in Ground Water vs. Time – Shallow Source Area Well – MW-28
13. Total VOC Concentrations in Ground Water vs. Time – Shallow Source Area Well – MW-29
14. Total VOC Concentrations in Ground Water vs. Time – Deep Source Area Well – MW-281

TABLES

1. Soil Vapor Extraction System Data
2. Groundwater System Flow Summary
3. CW-1 Groundwater System – Total Chlorinated Hydrocarbons Removed
4. Ground Water Monitoring & Sampling Summary Data – Shallow Monitoring Wells
5. Ground Water Monitoring & Sampling Summary Data – Deep Monitoring Wells

APPENDICES

A. Laboratory Analytical Reports – System Samples – April 2003 through September 2004
B. Groundwater Sampling Analytical Report – October 24, 2004
C. Groundwater Sampling Analytical Report – January 26 & 27, 2005
D. Groundwater Sampling Analytical Report – April 28 & 29, 2005
E. Groundwater Sampling Analytical Report – July 21 & 22, 2005

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 Garrison 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
RAW Status:	Remedial Action Workplan (RAW) submitted June 1997 (written by Smith Technology Corp.), and approved on August 1, 1997.
Remedial Status:	The groundwater pump and treat system and air sparge/soil vapor extraction system were shutdown on May 25, 2005, as conditionally approved by the NJDEP.
Contaminants of Concern:	Trichloroethene
Sampling Frequency:	Monitoring Wells-Quarterly; System-Monthly.
Surface Water:	The closest surface water is an unnamed tributary of Parkers Creek located approximately 700 feet southeast (down/sidegradient). A U.S.G.S topographic map of the site area is included as **Figure 1**.
Site Geology:	The site is located in the Hornerstown formation and sediments are predominately silty sand with varying percentages of clay. A laterally continuous silt unit at least 19 feet thick begins at 41 feet below grade.
Hydrogeology:	Depth to water is approximately 9-12 feet below grade in site monitoring wells. Groundwater flow in the water table aquifer is generally to the east/southeast. Groundwater flow in the deep monitoring wells is generally in a northeasterly direction. The site is located in a Class IIIA designated area.
Current Site Use:	The site is located within the courtyard of Building 2700, approximately 45 feet southeast of a partially underground auditorium. A site plan illustrating the site layout is included as **Figure 2**.
Past Site Use:	A former concrete wastewater treatment lime pit formerly operated at the site location and was the source of chlorinated volatile organic compounds (VOC's) in the groundwater. The former

	wastewater treatment lime pit was used to pre-treat liquid laboratory wastes from Building 2700 prior to discharge to the sanitary sewer.
Original Release:	Chlorinated VOC's were identified in the soil beneath the lime pit in 1992 following initial clean-out/disposal activities. Chlorinated VOC's were later identified in the groundwater adjacent to the former lime pit in February and March 1995.

Site History Summary:

• 1992:	Concrete lime pit is cleaned out and material is removed for disposal. Chlorinated VOC's identified in soil beneath the former lime pit. Area of concern is labeled "CW-1."
• 1995:	Chlorinated VOC's are identified in groundwater adjacent to the former lime pit in February and March 1995. *Final Site Investigation* report is prepared by Roy F. Weston, Inc. in December 1995.
• 1997:	A *Remedial Action Workplan* (RAW), dated June 1997, is prepared by Smith Technology Corp. and approved by NJDEP on August 1, 1997.
• 1998:	Startup of an air sparge/soil vapor extraction system on April 8, 1998.
• 2001:	CW-1 lime pit decommissioned. Remaining limestone chips and concrete excavated and disposed offsite (approximately 174 cubic yards). Following excavation, former lime pit is backfilled with clean fill.
• 2002:	Startup of a groundwater pump and treat system on July 8, 2002.
• 2005:	Both air sparge/sve system and groundwater pump and treat system turned off May 25, 2005.

3.0 REMEDIATION STATUS

The air sparge/soil vapor extraction system and the groundwater pump and treat system installed at the site operated from the start of the reporting period through May 2005. As previously proposed and conditionally approved by the NJDEP, both systems were shutdown on May 25, 2005. As discussed in the previously submitted report, the AS/SVE system has reached the desired endpoint of removing all recoverable vapor-phase mass, as influent concentrations had dropped to zero. As to the groundwater pump and treat system, the VOCs have been removed or reduced to asymptotic levels, and other remedial approaches are being evaluated. Turning off the groundwater pump and treat system will also allow for the collection of non-pumping samples under static conditions. The following is a summary of the remediation systems and operations during the reporting period.

3.1 AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM

The air sparge/soil vapor extraction (AS/SVE) system consists of four air sparge wells (SPG-1, SPG-2, SPG-3, and SPG-4) and six soil vapor extraction wells (SVE-1, SVE-2, MW-28, MW-29, RW-1, and RW-2). An air sparge compressor delivers air to the sparge wells and a regenerative blower extracts the soil gas from the extraction wells. The extracted soil vapors pass through a water trap and moisture separator prior to two 1,000-pound vapor-phase carbon vessels for treatment. A process and instrumentation diagram (P&ID) of the system is included as **Figure 3**, illustrating both the groundwater system and the AS/SVE system.

The AS/SVE system operated during the reporting period through May 25, 2005, at which time it was shutdown. A summary of the system operating parameters collected during weekly system visits are presented in **Table 1**, and include operational status, vacuum, airflow, concentrations, and recovery data. As shown on **Table 1**, an insignificant quantity of volatile organic compounds were extracted and treated during the reporting period.

The VOC's are treated by the two 1,000-pound vapor phase carbon treatment units. The treated air is discharged in accordance with the NJDEP air discharge permit (#21345-020001).

3.2 GROUNDWATER PUMP-AND-TREAT SYSTEM

A groundwater pump-and-treat system went on line on July 8, 2002. The system consists of two recovery wells, RW-1 and RW-2, equipped with electric submersible groundwater pumps that pump to a treatment system consisting of an air stripper, two solids filters, and two granular activated carbon units. A process and instrumentation diagram (P&ID) of the system is included as **Figure 3**, illustrating both the groundwater system and the AS/SVE system. As a safety precaution, the system includes a small floor sump equipped with a shutdown float that is wired to the system control panel that shuts down the system in case of a leak.

A summary of the system operating parameters collected during weekly system visits are listed in **Table 2**, and includes operational status, flow meter readings, and cumulative gallons pumped. The system operated at an overall average flow rate of approximately 4 gallons per minute, with total pumping equaling approximately 1.34 million gallons of groundwater and approximately 0.02 pounds of chlorinated hydrocarbons removed during the reporting period, prior to the system shutdown on May 25, 2005. A summary of the chlorinated hydrocarbon mass removal is provided in **Table 3**.

The treated groundwater is piped to the sanitary sewer which leads to the local public works, the Two Rivers Reclamation Authority. The system operated in compliance with the water discharge limitations set by the Two Rivers Reclamation Authority (Permit# 02-0226), as well as the air discharge limitations for the air stripper (NJDEP Air Permit #21345-020001). The laboratory analytical reports for the monthly system samples are included in **Appendix A**.

The groundwater system was successful in maintaining hydraulic control of the shallow source area. Quarterly water table contour maps for the reporting period for both the shallow and deep

wells are included as **Figures 4** through **11**. **Figures 4**, **6**, and **8** illustrate the shallow water table contours under pumping conditions and the hydraulic influence of the pumping system. **Figure 10** illustrates the shallow water table under non-pumping conditions after the system was shut down on May 25, 2005.

4.0 GROUNDWATER SAMPLING

Four quarterly groundwater-sampling events were conducted during the reporting period: October 22, 2004, January 26 & 27, 2005, April 28 & 29, 2005, and July 21 & 22, 2005. The groundwater sampling was conducted in accordance with NJDEP's Technical Requirements and the NJDEP's Field Sampling Procedures Manual. TECOM-Vinnell Services, Inc. (TVS) completed the groundwater sampling, and Fort Monmouth Directorate of Public Works (DPW) Environmental Testing Laboratory (NJDEP cert. #13461) analyzed the samples.

Prior to sampling, the monitoring wells were gauged for depth to water. The gauging data was used to construct quarterly shallow and deep groundwater contour maps that are included as **Figures 4** through **11**. As noted previously, the gauging data collected during July 2005 was used to construct **Figure 10**, and represents non-pumping conditions at the site after the system was shut down on May 25, 2005. **Figure 10** shows an east/southeast groundwater flow direction in the shallow water table aquifer.

Groundwater contours in the deeper zone are illustrated on **Figures 5**, **7**, **9**, and **11**, and indicate a generally northeast groundwater flow direction in this deeper zone.

The following wells were sampled on all four quarterly sampling dates: CW1MW-26, 27, 28, 29, 30, 31, 32, 34, 35, 40, 281, and 291. All monitoring well samples were analyzed for volatile organic compounds plus a library search (VOCs+15) via USEPA Method 624.

The groundwater sampling analytical results for the shallow wells are summarized in **Table 4**, and the deep well results are listed in **Table 5**. The field sampling data sheets and the laboratory analytical reports are included as **Appendices B** through **E**.

4.1 CONTAMINANTS OF CONCERN

4.1.1 VOLATILE ORGANIC RESULTS

Trichloroethene is the one remaining volatile organic compound that remains above the Class IIA Groundwater Quality Standards. It should be noted that the site is located in the Hornerstown formation, which is classified as a Class IIIA aquitard (N.J.A.C. 7:9-6). The presence of trichloroethene is generally limited to the three source area wells, CW1MW-28, 29, and 281. The maximum trichloroethene concentration recorded in the source area wells during the reporting period was 21.57 ppb in CW1MW-281 on July 22, 2005, and is consistent with the 20.5 ppb TCE concentration detected in CW1MW-281 on October 22, 2004. Besides the above listed wells, the only detection of trichloroethene above the 1.0-ppb Class IIA Groundwater

Quality Standards during the reporting period was 2.26 ppb in MW-27 on July 21, 2005.

The following wells contained trichloroethene above the 1 ppb NJDEP Groundwater Quality Standard (GWQS):

- CW1MW-27 (upgradient monitoring well) – TCE: 2.26 ppb 7/21/05.
- CW1MW-28 (source area monitoring well) – TCE: 1.61 ppb 1/26/05, 1.31 ppb 7/21/05.
- CW1MW-29 (source area monitoring well) – TCE: 1.74 ppb 7/21/05.
- CW1MW-281 (deep source area monitoring well) – TCE: 20.5 ppb 10/22/04, 7.38 ppb 1/27/05, 3.88 ppb 4/28/05, 21.57 ppb 7/22/05.

Historical total VOC concentration graphs for source area wells CW1MW-28, 29, and 281 are included as **Figures 12, 13**, and **14**. An overall decreasing trend is apparent in all three wells.

The following wells contained volatile organic compounds on one or more dates during the reporting period at concentrations below the applicable standards:

- CW1MW-28 (source area monitoring well) – TCE: 0.88 ppb 4/28/05.
- CW1MW-29 (source area monitoring well) – TCE: 0.62 ppb 1/26/05.
- CW1MW-30 (sidegradient monitoring well) – MTBE: 1.31 ppb 10/22/04.
- CW1MW-281 (deep source area monitoring well) – cis-1,2-dichloroethene: 0.29 ppb 1/27/05, 0.45 ppb 7/22/05.

The following wells were non-detect for all volatile organic compounds during all sampling events or on all dates samples were collected during the reporting period (October 2004 through September 2005):

- CW1MW-26, -31, -32, -34, -35, -40, and -291.

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.

Method Blanks

A laboratory method blank accompanied each round of samples collected at the CW-1 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 four sampling rounds. The method blanks were analyzed for volatile organic compounds (VOCs) plus a library search for tentatively identified compounds (TICs).

All method blanks analyzed for all four sampling rounds were non-detect.

Trip Blanks

A trip blank accompanied each round of samples collected at the CW-1 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.

One VOC was detected in the trip blanks. Chloroform was detected in trip blanks for two of the four sampling rounds, and each of the detected concentrations did not exceed the NJDEP GWQS.

Chloroform is a common laboratory contaminant, but was not detected in any monitoring well groundwater samples for the reporting period. The primary contaminant of concern for the CW-1 site, trichloroethene, was not detected in any of the trip blank samples.

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 conducted at the CW-1 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.

One VOC, chloroform, was detected in field blank samples from two of the four sampling events. All concentrations of chloroform in the four field blank samples were below the NJDEP GWQS. Chloroform was not detected in any monitoring well groundwater samples for the reporting period. The primary contaminant of concern for the CW-1 site, trichloroethene, was not detected in any of the field blank samples.

Duplicate Samples

One field duplicate sample was also collected during each day of sampling events to verify the consistency of the entire sampling and analytical procedure. However, the well from which the duplicate sample was collected on October 22, 2004 was not noted on the technician's field report and is not known at this time. The result of the October 22, 2004 duplicate sample is non-detect. For the three sampling events in 2005, only in July 2005 were concentrations detected in both the original well sample and the duplicate well sample. The VOC results for all of the duplicate samples were close to those obtained for the original samples. On two of the three sampling events, both the original and field duplicate samples were non-detect for all VOC compounds.

The duplicate samples were collected from the following wells:

- October 22, 2004: Unknown
- January 26 & 27, 2005: MW-26 and MW-34

- April 28 & 29, 2005: MW-26 and MW-40
- July 21 & 22, 2005: MW-27 and MW-31

During two of the other three sampling events (January 2005 and April 2005), the duplicate samples and the original groundwater samples were both non-detect for all VOCs, and therefore an RPD could not be calculated. For the October 2004 sampling event, the duplicated well is unknown, and the duplicate sample was non-detect for all VOCs, therefore an RPD could not be calculated.

Calculating the relative percent difference (RPD) in total VOC concentrations between the duplicate sample and the original groundwater sample was possible for only the July 2005 sampling event. The RPD for trichloroethene between the duplicate sample and the original groundwater sample for the July 2005 sampling event was 11.7%, which is considered an acceptable RPD for this type of sampling. No other VOCs were detected in the duplicate and original samples for this sampling event.

6.0 CONCLUSIONS

- The Class IIA Groundwater Quality Standard (GWQS) for VOCs are currently met in all but four of the monitoring wells, source area wells CW1MW-27, 28, 29 and 281, all located adjacent to the former lime pit.
- Trichloroethene is currently the one VOC remaining above the Class IIA 1.0 ppb GWQS.
- As previously proposed and conditionally approved by the NJDEP, both the air sparge/soil vapor extraction and groundwater pump and treat systems were shutdown on May 25, 2005.
- The July 2005 groundwater sampling event represents the first post-remedial groundwater sampling event since the remediation systems were turned off. The results were generally consistent with sampling results from the past year, and do not indicate the occurrence of a concentration increase caused by the cessation of the remedial systems.
- The site is located in a Class IIIA designated area.

7.0 RECOMMENDATIONS

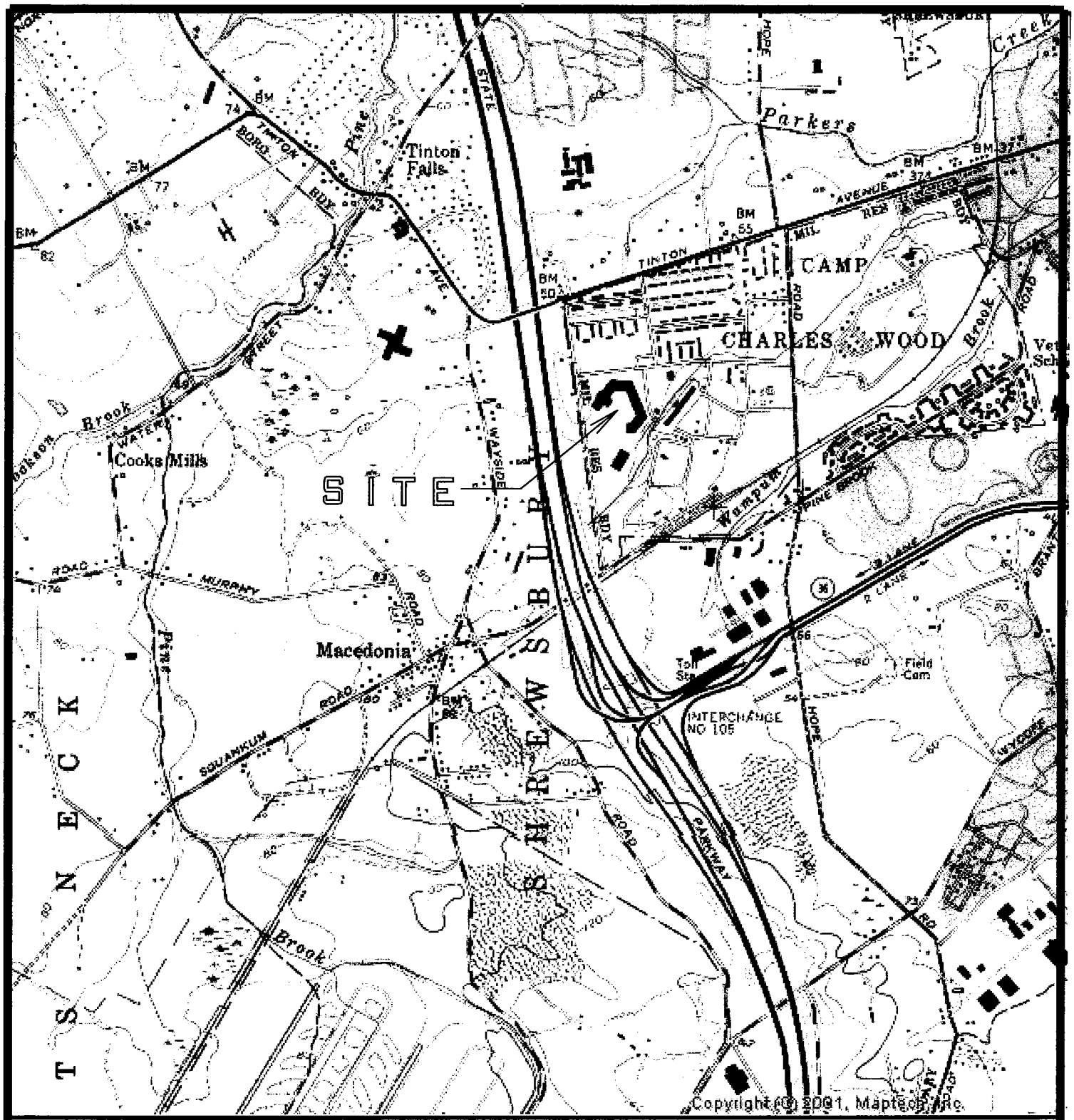
- Review appropriate remedies necessary to close site including injection to enhance chemical oxidation and natural attenuation.
- Continue current quarterly groundwater sampling.
- Remediation system to remain off pending further post-shutdown ground water results.

Sampling Program Summary

Monitoring Well	Was Analyzed:	Current Sampling:	Reason for Discontinuing Sampling
CW1-MW26	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1-MW27	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1-MW28	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1-MW29	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1-MW30	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1-MW31	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1-MW32	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1-MW33	----------	Discontinued Sampling	26 consecutive rounds of ND VOC results
CW1-MW34	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1-MW35	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1-MW36	----------	Discontinued Sampling	Historical ND VOC results – all 33 rounds
CW1-MW37	----------	Discontinued Sampling	Historical ND VOC results for COCs -- all 33 rounds
CW1-MW38 (D)	----------	Discontinued Sampling	Historical ND VOC results for COCs -- all 33 rounds
CW1-MW39 (D)	----------	Discontinued Sampling	Historical ND VOC results for COCs -- all 33 rounds
CW1-MW40 (D)	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1-MW281 (D)	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1-MW282	----------	Discontinued Sampling	52 consecutive rounds of ND results for VOCs
CW1-MW291	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA

Notes: (D) = Deep Well

FIGURES



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

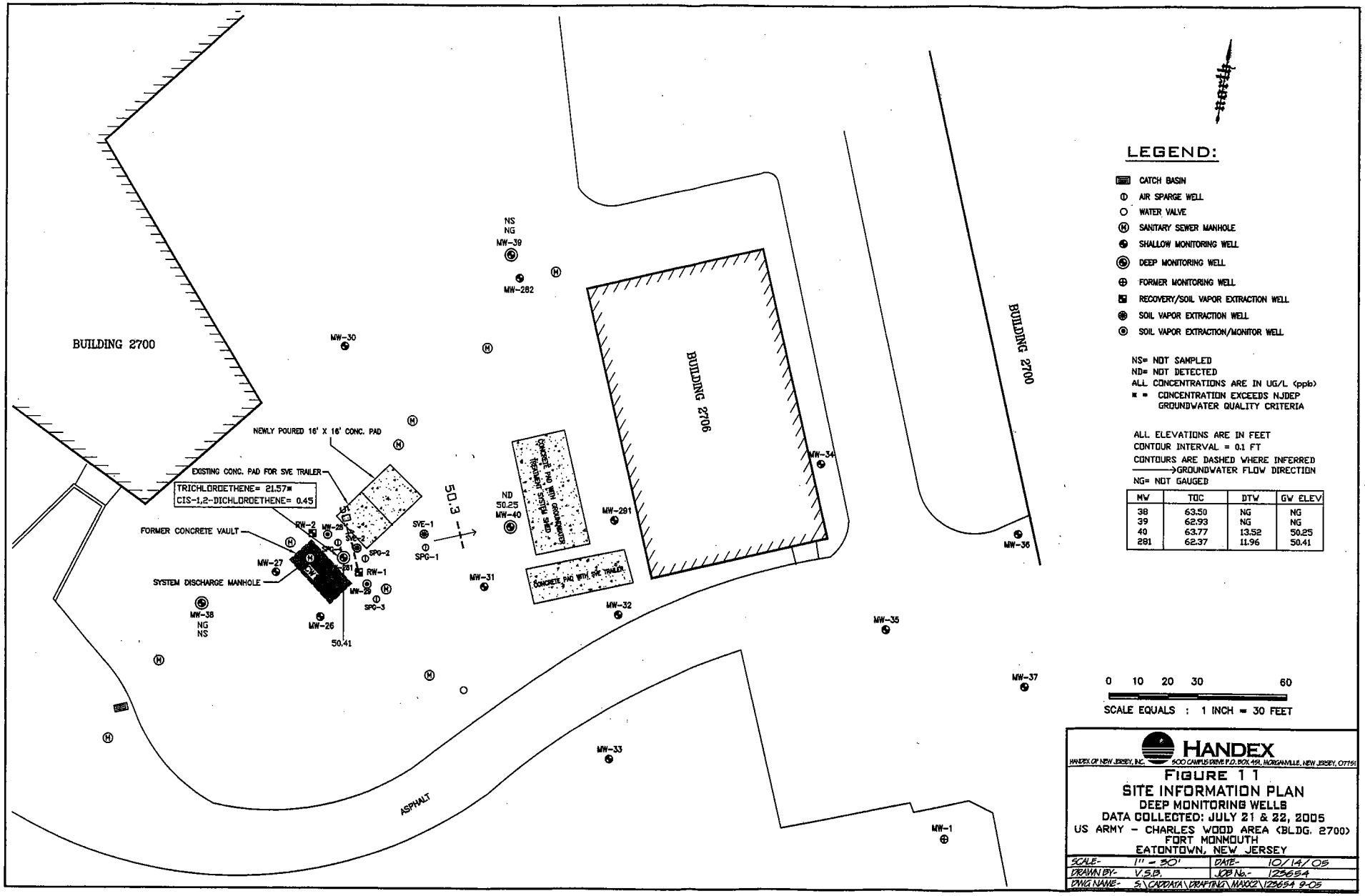
HANDEX
HANDEX OF NEW JERSEY, INC. 500 CAMPUS DRIVE P.O. BOX 451, MORGANVILLE, NEW JERSEY, 07751

FIGURE 1

SITE LOCATION MAP

US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE- AS NOTED	DATE- 8/30/02
DRAWN BY- B. J. S.	JOB #- 123654
DWG NAME- S:\CADDATA\DRAFTING\MAXX2\123654TOP	



LEGEND:

- CATCH BASIN
- AIR SPARGE WELL
- WATER VALVE
- SANITARY SEWER MANHOLE
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- FORMER MONITORING WELL
- RECOVERY/SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR EXTRACTION/MONITOR WELL

NS= NOT SAMPLED
ND= NOT DETECTED
ALL CONCENTRATIONS ARE IN UG/L (ppb)
* = CONCENTRATION EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA

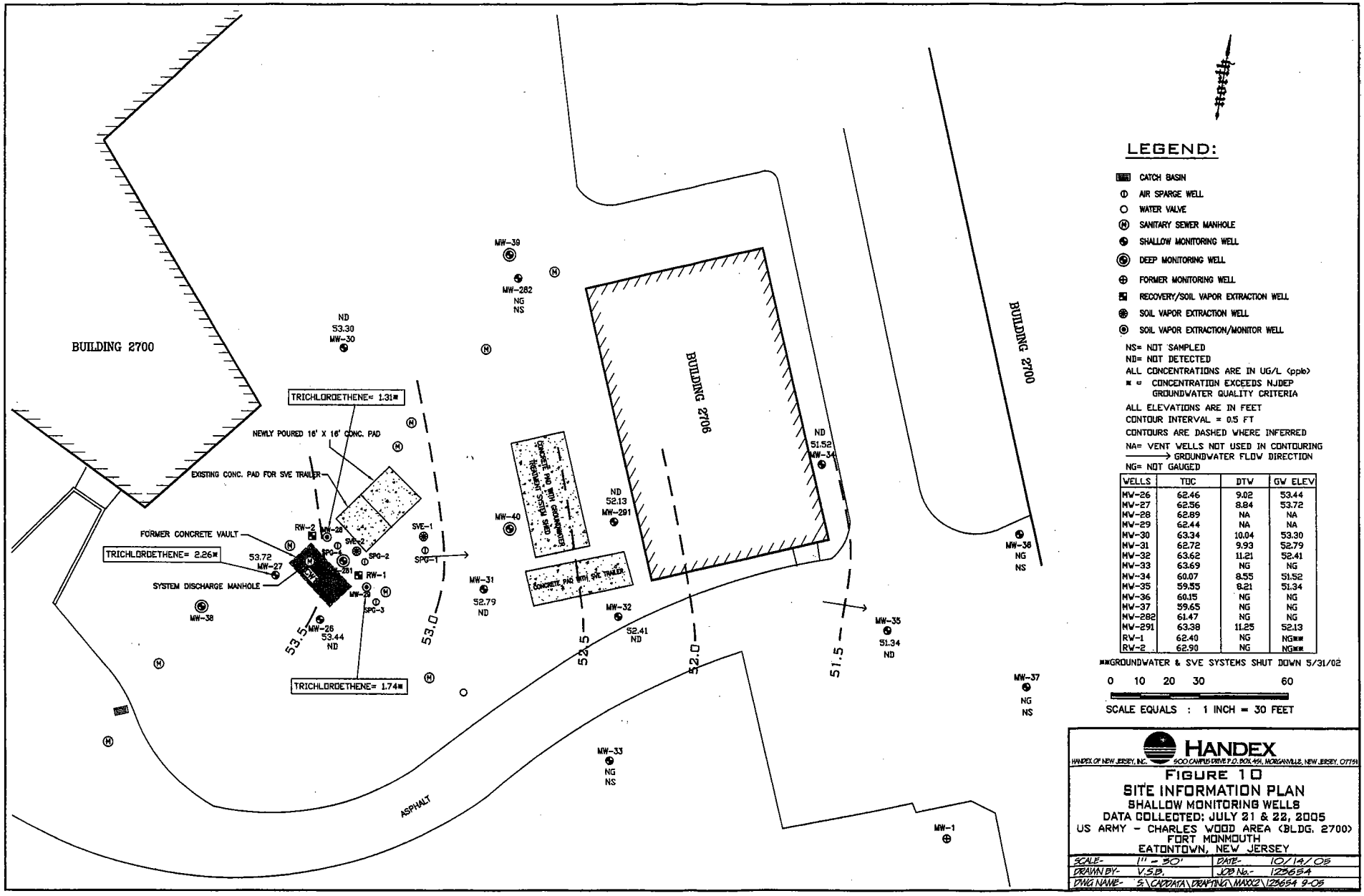
ALL ELEVATIONS ARE IN FEET
CONTOUR INTERVAL = 0.1 FT
CONTOURS ARE DASHED WHERE INFERRED
——→GROUNDWATER FLOW DIRECTION
NG= NOT GAUGED

MW	TOC	DTW	GW ELEV
38	63.50	NG	NG
39	62.93	NG	NG
40	63.77	13.52	50.25
281	62.37	11.96	50.41

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

FIGURE 11
SITE INFORMATION PLAN
DEEP MONITORING WELLS
DATA COLLECTED: JULY 21 & 22, 2005
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	10/14/05
DRAWN BY-	V.S.B.	JOB No.-	125654
DWG NAME-	S:\CADDATA\DRAFTING\MAXX2\125654 9-05		



LEGEND:

- CATCH BASIN
- AIR SPARGE WELL
- WATER VALVE
- SANITARY SEWER MANHOLE
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- FORMER MONITORING WELL
- RECOVERY/SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR EXTRACTION/MONITOR WELL

NS= NOT SAMPLED
ND= NOT DETECTED
ALL CONCENTRATIONS ARE IN UG/L (ppb)
* = CONCENTRATION EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA
ALL ELEVATIONS ARE IN FEET
CONTOUR INTERVAL = 0.5 FT
CONTOURS ARE DASHED WHERE INFERRED
NA= VENT WELLS NOT USED IN CONTOURING
→ GROUNDWATER FLOW DIRECTION
NG= NOT GAUGED

WELLS	TOC	DTW	GW ELEV
MW-26	62.46	9.02	53.44
MW-27	62.56	8.84	53.72
MW-28	62.89	NA	NA
MW-29	62.44	NA	NA
MW-30	63.34	10.04	53.30
MW-31	62.72	9.93	52.79
MW-32	63.62	11.21	52.41
MW-33	63.69	NG	NG
MW-34	60.07	8.55	51.52
MW-35	59.55	8.21	51.34
MW-36	60.15	NG	NG
MW-37	59.65	NG	NG
MW-282	61.47	NG	NG
MW-291	63.38	11.25	52.13
RW-1	62.40	NG	NG**
RW-2	62.90	NG	NG**

**GROUNDWATER & SVE SYSTEMS SHUT DOWN 5/31/02

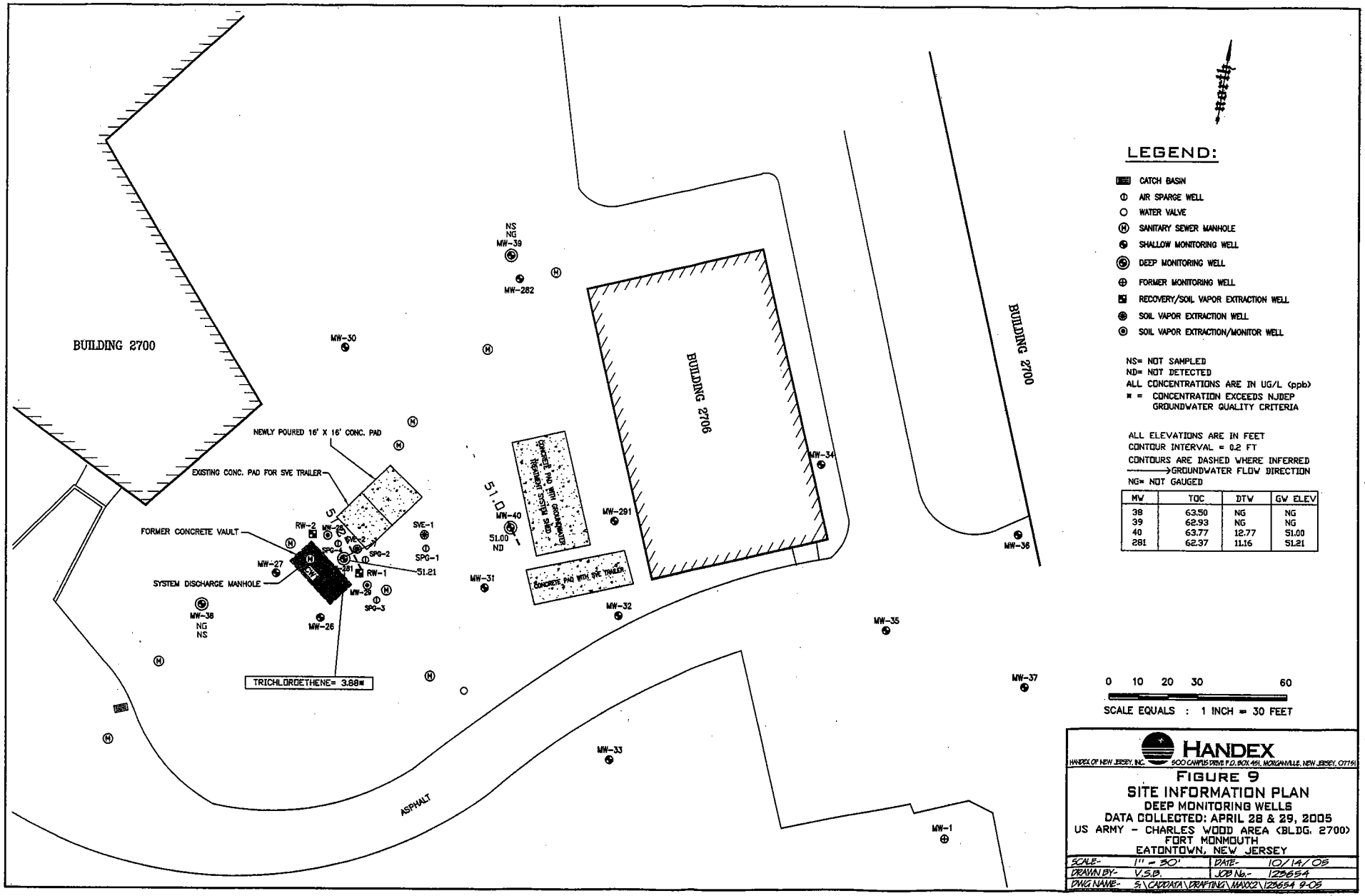
0 10 20 30 60

SCALE EQUALS : 1 INCH = 30 FEET

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

FIGURE 10
SITE INFORMATION PLAN
SHALLOW MONITORING WELLS
DATA COLLECTED: JULY 21 & 22, 2005
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	10/14/05
DRAWN BY-	V.S.B.	JOB No.-	123654
DWG NAME-	S:\CADDATA\DRAFTING\MAXX2\123654 9-05		



LEGEND:

- CATCH BASIN
- AIR SPARGE WELL
- WATER VALVE
- SANITARY SEWER MANHOLE
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- FORMER MONITORING WELL
- RECOVERY/SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR EXTRACTION/MONITOR WELL

NS= NOT SAMPLED
ND= NOT DETECTED
ALL CONCENTRATIONS ARE IN UG/L (ppb)
* = CONCENTRATION EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA

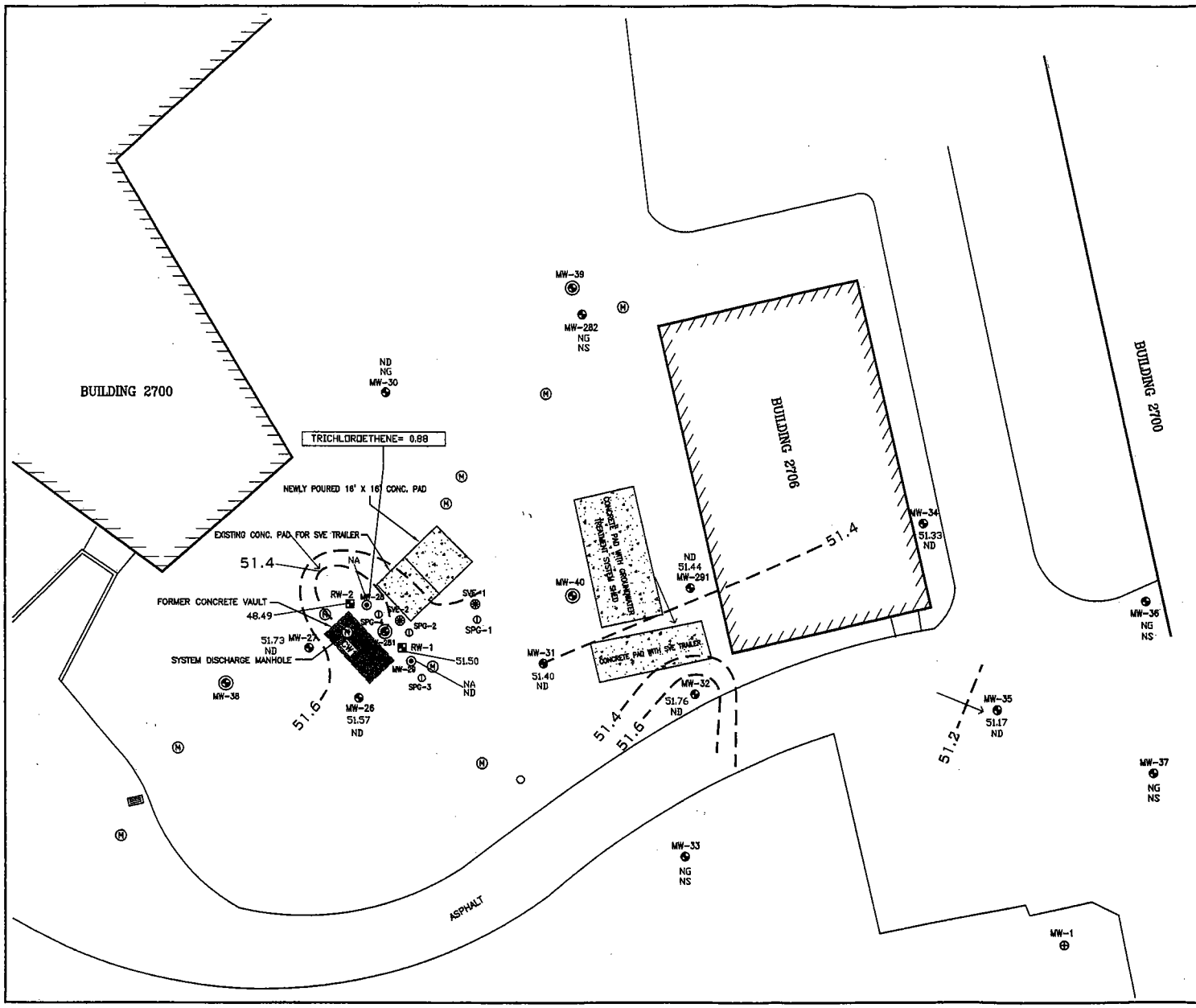
ALL ELEVATIONS ARE IN FEET
CONTOUR INTERVAL = 0.2 FT
CONTOURS ARE DASHED WHERE INFERRED
→ GROUNDWATER FLOW DIRECTION
NG= NOT GAUGED

MW	TOC	DTW	GW ELEV
38	63.50	NG	NG
39	62.93	NG	NG
40	63.77	12.77	51.00
281	62.37	11.16	51.21

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

FIGURE 9
SITE INFORMATION PLAN
DEEP MONITORING WELLS
DATA COLLECTED: APRIL 28 & 29, 2005
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	10/14/05
DRAWN BY-	V.S.B.	JOB No.-	123654
DWG NAME-	S:\CADDATA\DRAFTING\MAXX2\123654 9-05		



LEGEND:

- CATCH BASIN
- AIR SPARGE WELL
- WATER VALVE
- SANITARY SEWER MANHOLE
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- FORMER MONITORING WELL
- RECOVERY/SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR EXTRACTION/MONITOR WELL

NS= NOT SAMPLED
ND= NOT DETECTED
ALL CONCENTRATIONS ARE IN UG/L (ppb)
■ = CONCENTRATION EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA
ALL ELEVATIONS ARE IN FEET
CONTOUR INTERVAL = 0.2 FT
CONTOURS ARE DASHED WHERE INFERRED
NA= NOT AVAILABLE, POINTS TIED INTO SYSTEM
⟶ GROUNDWATER FLOW DIRECTION
NG= NOT GAUGED

WELLS	TOC	DTW	GW ELEV
MW-26	62.46	10.89	51.57
MW-27	62.56	10.83	51.73
MW-28	62.89	NA	NA
MW-29	62.44	NA	NA
MW-30	63.34	NG	NG
MW-31	62.72	11.32	51.40
MW-32	63.62	11.86	51.76
MW-33	63.69	NG	NG
MW-34	60.07	8.74	51.33
MW-35	59.55	8.38	51.17
MW-36	60.15	NG	NG
MW-37	59.65	NG	NG
MW-282	61.47	NG	NG
MW-291	63.38	11.94	51.44
RW-1	62.40	10.90	51.50■■
RW-2	62.90	14.41	48.49■■

■■RECOVERY WELL ELEVATIONS TAKEN 4/27/05

0 10 20 30 60

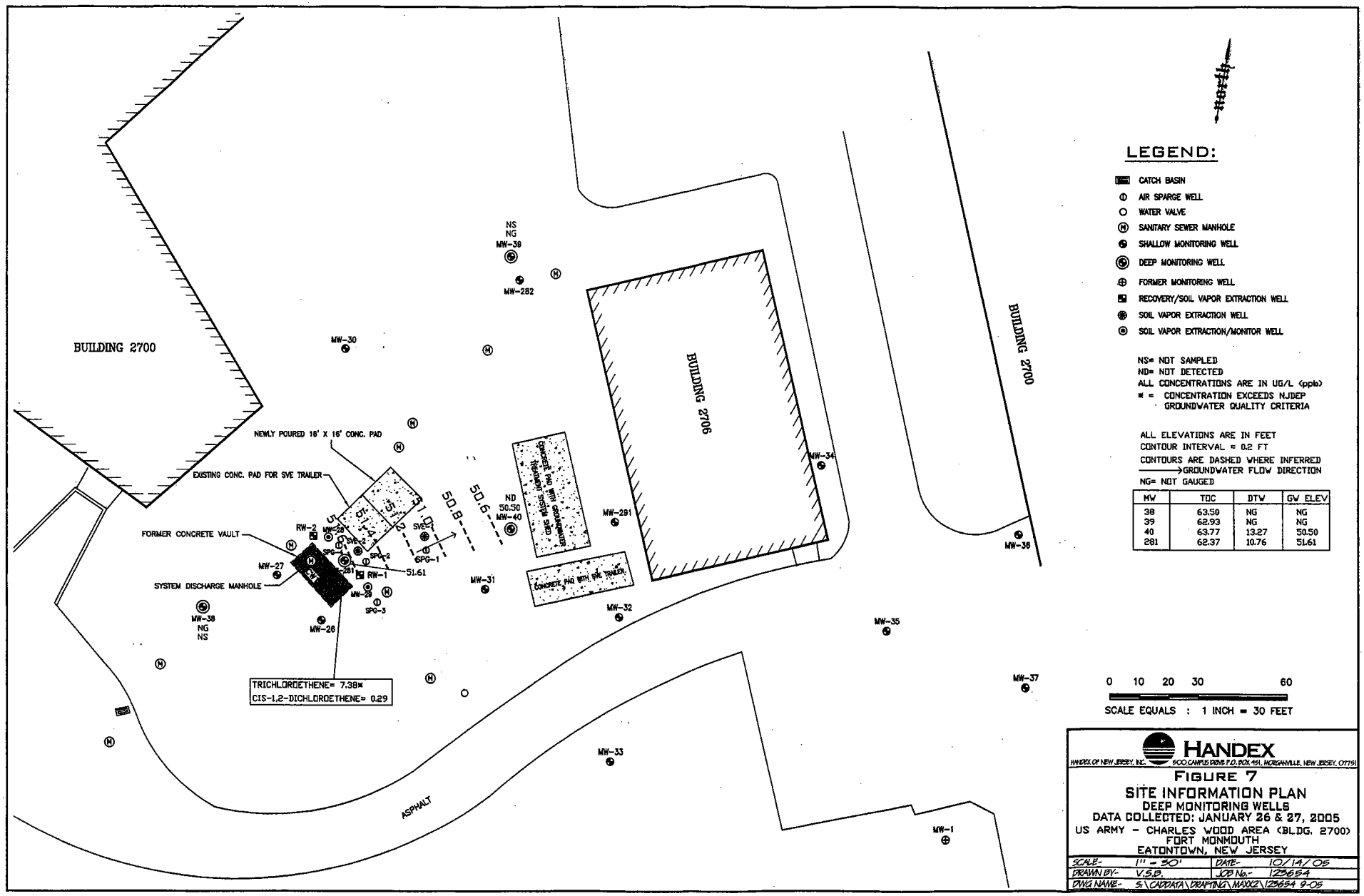
SCALE EQUALS : 1 INCH = 30 FEET

HANDEX

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

FIGURE 8
SITE INFORMATION PLAN
SHALLOW MONITORING WELLS
DATA COLLECTED: APRIL 28 & 29, 2005
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	10/14/05
DRAWN BY-	V.S.B.	JOB No.-	123654
DWG NAME-	S:\CADDATA\DRAFTING\MAXOZ\123654 9-05		



LEGEND:

- CATCH BASIN
- AIR SPARGE WELL
- WATER VALVE
- SANITARY SEWER MANHOLE
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- FORMER MONITORING WELL
- RECOVERY/SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR EXTRACTION/MONITOR WELL

NS= NOT SAMPLED
ND= NOT DETECTED
ALL CONCENTRATIONS ARE IN UG/L (ppb)
* = CONCENTRATION EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA

ALL ELEVATIONS ARE IN FEET
CONTOUR INTERVAL = 0.2 FT
CONTOURS ARE DASHED WHERE INFERRED
→ GROUNDWATER FLOW DIRECTION
NG= NOT GAUGED

MW	TOC	DTW	GW ELEV
38	63.50	NG	NG
39	62.93	NG	NG
40	63.77	13.27	50.50
281	62.37	10.76	51.61

0 10 20 30 60

SCALE EQUALS : 1 INCH = 30 FEET

HANDEX

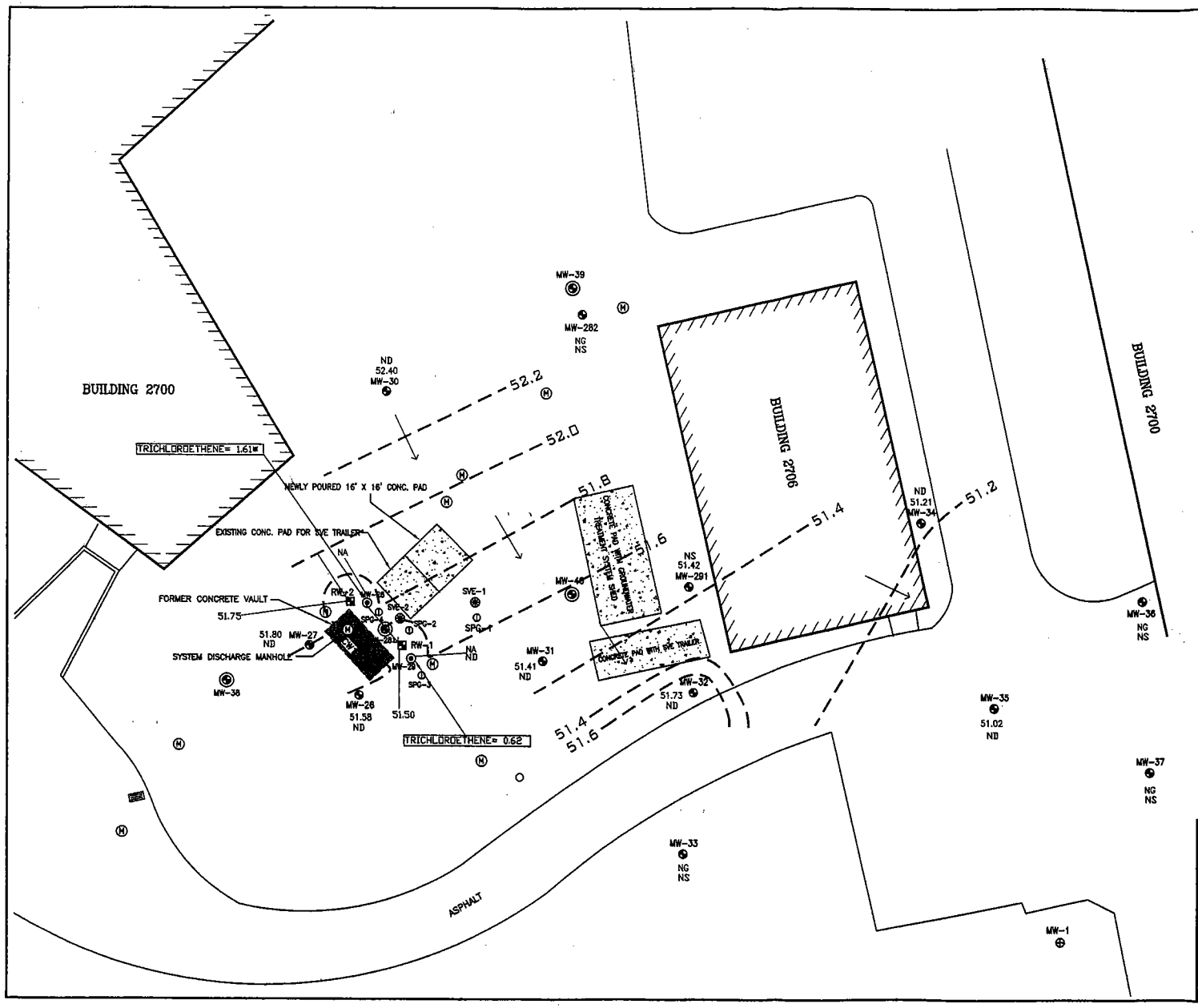
HANDEX OF NEW JERSEY, INC. 900 CAMPUS DRIVE P.O. BOX 151, MORGANVILLE, NEW JERSEY, 07751

FIGURE 7

SITE INFORMATION PLAN

DEEP MONITORING WELLS
DATA COLLECTED: JANUARY 26 & 27, 2005
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	10/14/05
DRAWN BY-	V.S.B.	JOB No.-	123654
DWG NAME-	S:\CADDATA\DRAFTING\MAXOZ\123654 9-05		



LEGEND:

- CATCH BASIN
- AIR SPARGE WELL
- WATER VALVE
- SANITARY SEWER MANHOLE
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- FORMER MONITORING WELL
- RECOVERY/SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR EXTRACTION/MONITOR WELL

NS= NOT SAMPLED
ND= NOT DETECTED
ALL CONCENTRATIONS ARE IN UG/L (ppb)
■ = CONCENTRATION EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA
ALL ELEVATIONS ARE IN FEET
CONTOUR INTERVAL = 0.2 FT
CONTOURS ARE DASHED WHERE INFERRED
NA= NOT AVAILABLE, POINTS TIED INTO SYSTEM
→ GROUNDWATER FLOW DIRECTION
NG= NOT GAUGED

WELLS	TOC	DTW	GW ELEV
MW-26	62.46	10.88	51.58
MW-27	62.56	10.76	51.80
MW-28	62.89	NA	NA
MW-29	62.44	NA	NA
MW-30	63.34	10.94	52.40
MW-31	62.72	11.31	51.41
MW-32	63.62	11.89	51.73
MW-33	63.69	NG	NG
MW-34	60.07	8.86	51.21
MW-35	59.55	8.53	51.02
MW-36	60.15	NG	NG
MW-37	59.65	NG	NG
MW-282	61.47	NG	NG
MW-291	63.38	11.96	51.42
RW-1	62.40	10.90	51.50
RW-2	62.90	11.15	51.75

0 10 20 30 60

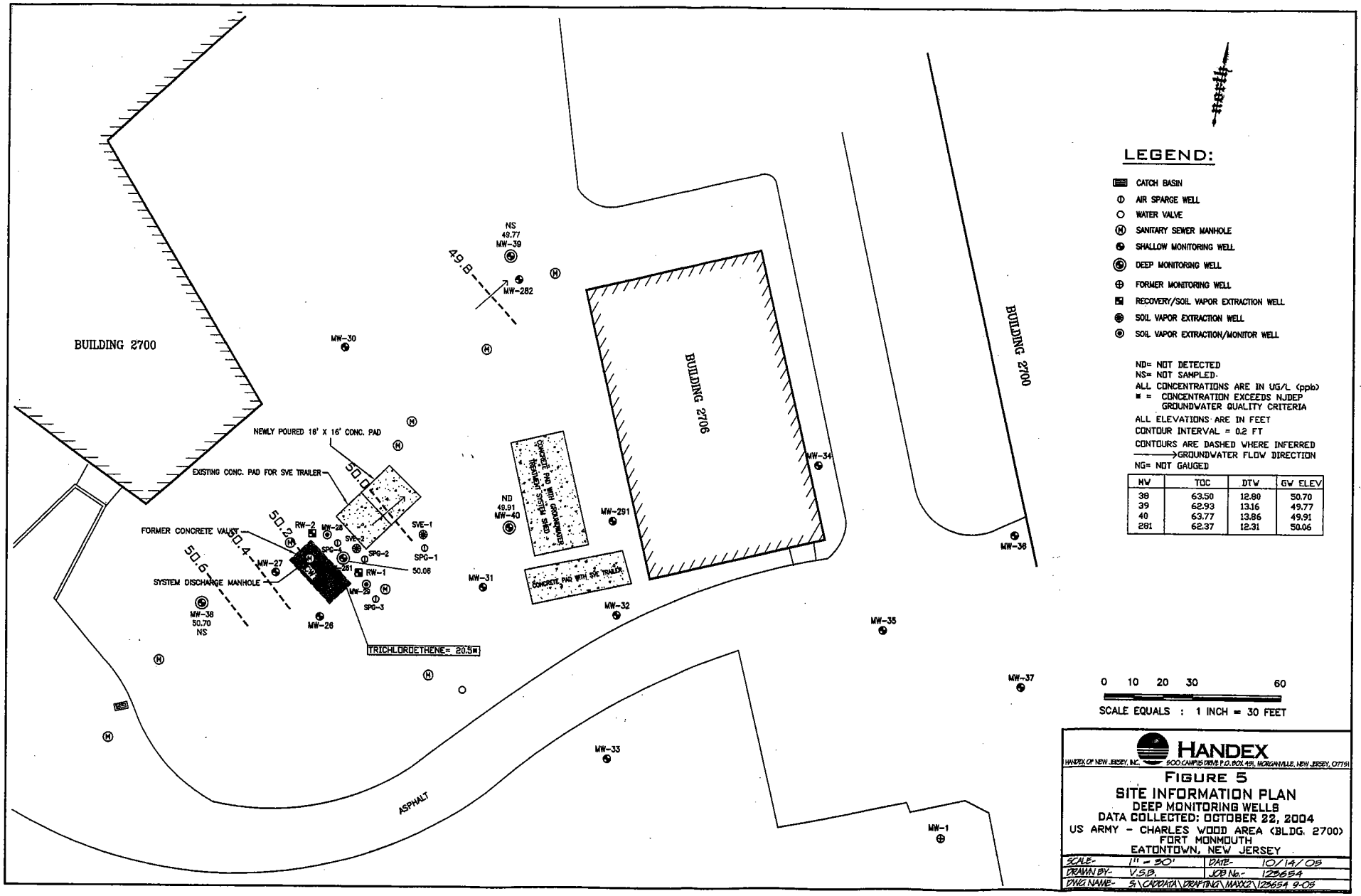
SCALE EQUALS : 1 INCH = 30 FEET

HANDEX

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

FIGURE 6
SITE INFORMATION PLAN
SHALLOW MONITORING WELLS
DATA COLLECTED: JANUARY 26 & 27, 2005
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	10/14/05
DRAWN BY-	V.S.B.	JOB No-	123654
DWG NAME-	S:\CADDATA\DRAFTING\MAXOZ\123654 9-05		



HANDEX

HANDEX OF NEW JERSEY, INC. 500 CAMPUS DRIVE P.O. BOX 491, MORGANVILLE, NEW JERSEY, 07751

FIGURE 5

SITE INFORMATION PLAN

DEEP MONITORING WELLS

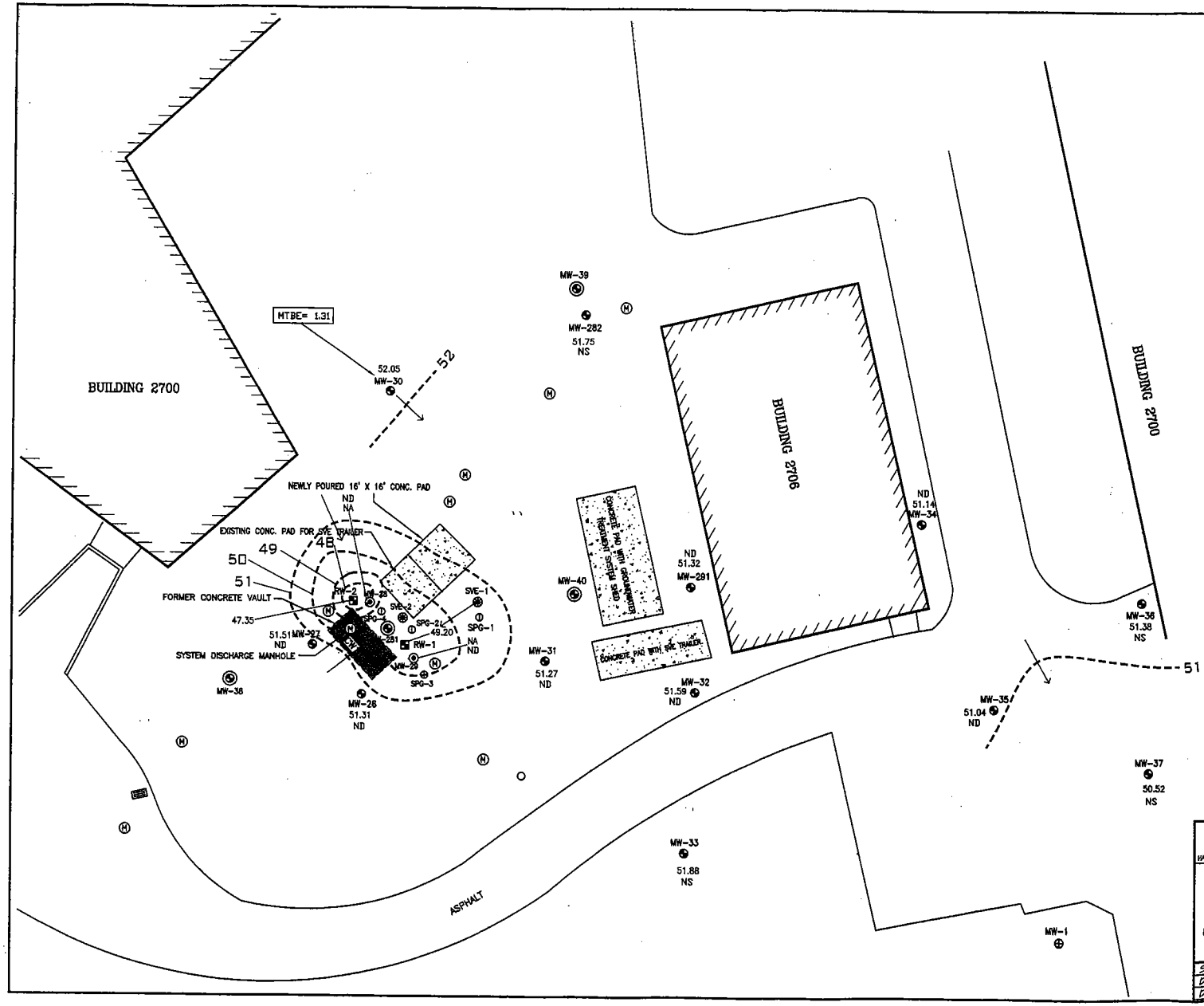
DATA COLLECTED: OCTOBER 22, 2004

US ARMY - CHARLES WOOD AREA (BLDG. 2700)

FORT MONMOUTH

EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	10/14/08
DRAWN BY-	V.S.B.	JOB No.-	123654
DWG NAME-	S:\CADDATA\DRAFTING\MAXX2\123654 9-08		



LEGEND:

- CATCH BASIN
- AIR SPARGE WELL
- WATER VALVE
- SANITARY SEWER MANHOLE
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- FORMER MONITORING WELL
- RECOVERY/SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR EXTRACTION WELL
- SOIL VAPOR EXTRACTION/MONITOR WELL

NS= NOT SAMPLED
ND= NOT DETECTED
ALL CONCENTRATIONS ARE IN UG/L (ppb)
■ = CONCENTRATION EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA
ALL ELEVATIONS ARE IN FEET
CONTOUR INTERVAL = 1 FT
CONTOURS ARE DASHED WHERE INFERRED
NA= NOT AVAILABLE, POINTS TIED INTO SYSTEM
→ GROUNDWATER FLOW DIRECTION
NG= NOT GAUGED

WELLS	TOC	DTW	GW ELEV
MW-26	62.46	11.15	51.31
MW-27	62.56	11.05	51.51
MW-28	62.89	NA	NA
MW-29	62.44	NA	NA
MW-30	63.34	11.29	52.05
MW-31	62.72	11.45	51.27
MW-32	63.62	12.03	51.59
MW-33	63.69	11.81	51.88
MW-34	60.07	8.93	51.14
MW-35	59.55	8.51	51.04
MW-36	60.15	8.77	51.38
MW-37	59.65	9.13	50.52
MW-282	61.47	9.72	51.75
MW-291	63.38	12.06	51.32
RW-1	62.40	15.05	47.35■■
RW-2	62.90	13.0	49.20■■

■■RECOVERY WELL ELEVATIONS TAKEN 10/26/04

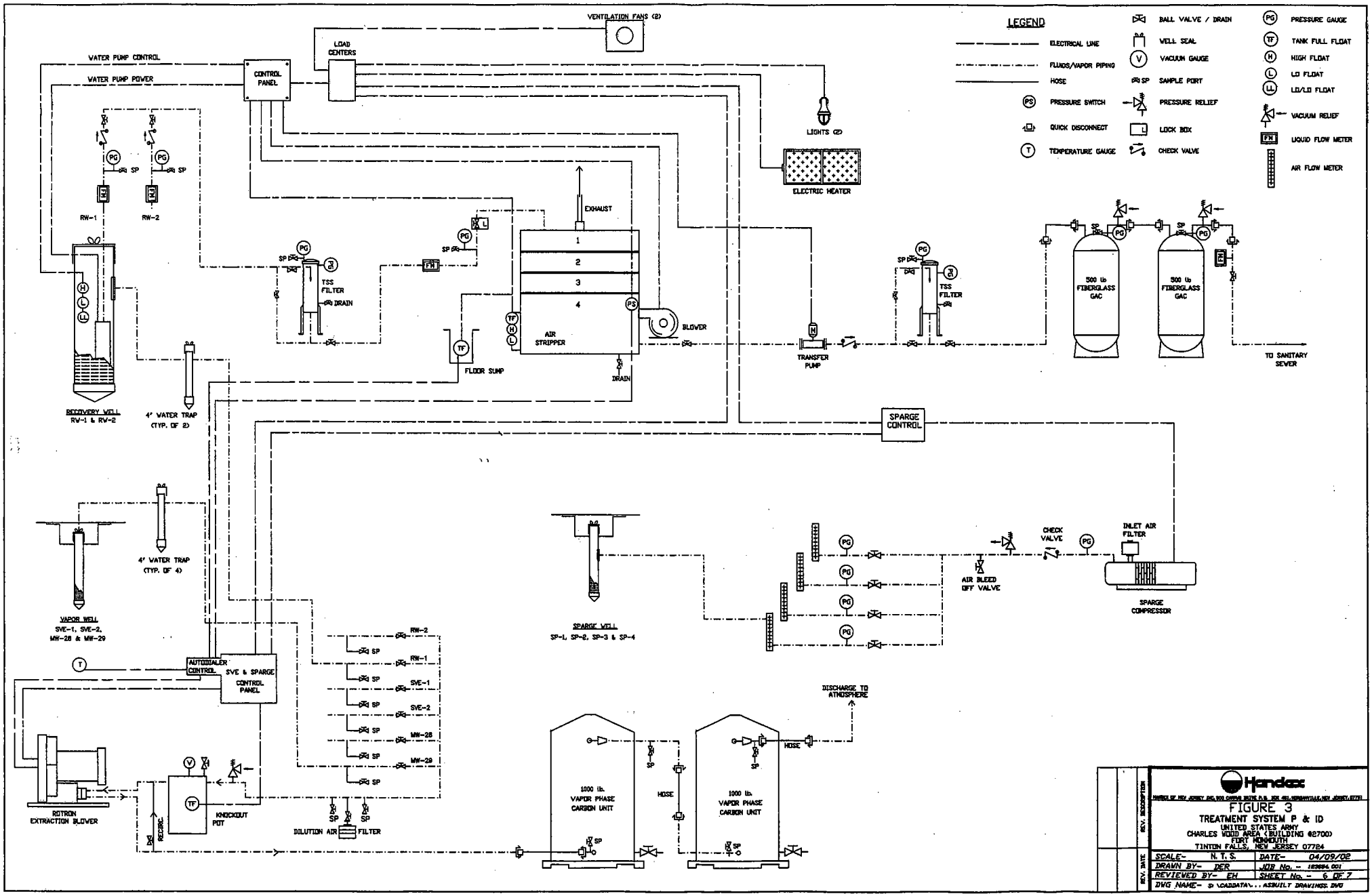
0 10 20 30 60

SCALE EQUALS : 1 INCH = 30 FEET

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

FIGURE 4
SITE INFORMATION PLAN
SHALLOW MONITORING WELLS
DATA COLLECTED: OCTOBER 22, 2004
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	10/14/05
DRAWN BY-	V.S.P.	JOB No.-	125654
DWG NAME-	S:\CADDATA\DRAFTING\MAXOZ\125654 9-05		


LEGEND
ELECTRICAL LINE
FLUIDS/VAPOR PIPING
HOSE
PRESSURE SWITCH
QUICK DISCONNECT
TEMPERATURE GAUGE
BALL VALVE / DRAIN
WELL SEAL
VACUUM GAUGE
SAMPLE PORT
PRESSURE RELIEF
LOCK BOX
CHECK VALVE
PRESSURE GAUGE
TANK FULL FLOAT
HIGH FLOAT
LO FLOAT
LO/LO FLOAT
VACUUM RELIEF
LIQUID FLOW METER
AIR FLOW METER
VENTILATION FANS (2)
LOAD CENTERS
CONTROL PANEL
WATER PUMP CONTROL
WATER PUMP POWER
LIGHTS (2)
ELECTRIC HEATER
EXHAUST
RW-1
RW-2
TSS FILTER
DRAIN
AIR STRIPPER
BLOWER
FLOOR SUMP
TRANSFER PUMP
500 lb FIBERGLASS GAC
TO SANITARY SEWER
RECOVERY WELL RV-1 & RV-2
4" WATER TRAP (TYP. OF 2)
SPARGE CONTROL
VAPOR WELL SVE-1, SVE-2, MW-28 & MW-29
4" WATER TRAP (TYP. OF 4)
SPARGE WELL SP-1, SP-2, SP-3 & SP-4
CHECK VALVE
INLET AIR FILTER
AIR BLEED OFF VALVE
SPARGE COMPRESSOR
AUTODIALER CONTROL
SVE & SPARGE CONTROL PANEL
SVE-1
SVE-2
MW-28
MW-29
DISCHARGE TO ATMOSPHERE
1000 lb. VAPOR PHASE CARBON UNIT
HOSE
ROTRON EXTRACTION BLOWER
RECIRC.
KNOCKOUT POT
DILUTION AIR
FILTER
Handex
FIGURE 3
TREATMENT SYSTEM P & ID
UNITED STATES ARMY
CHARLES WOOD AREA (BUILDING #2700)
FORT MONMOUTH
TINTON FALLS, NEW JERSEY 07724
SCALE- N. T. S.
DATE- 04/09/02
DRAWN BY- DER
JOB No. - 123884.001
REVIEWED BY- EH
SHEET No. - 6 OF 7
DWG NAME- S:\CADDATA\...ASBUILT DRAWINGS.DWG
REV. DESCRIPTION
REV. DATE

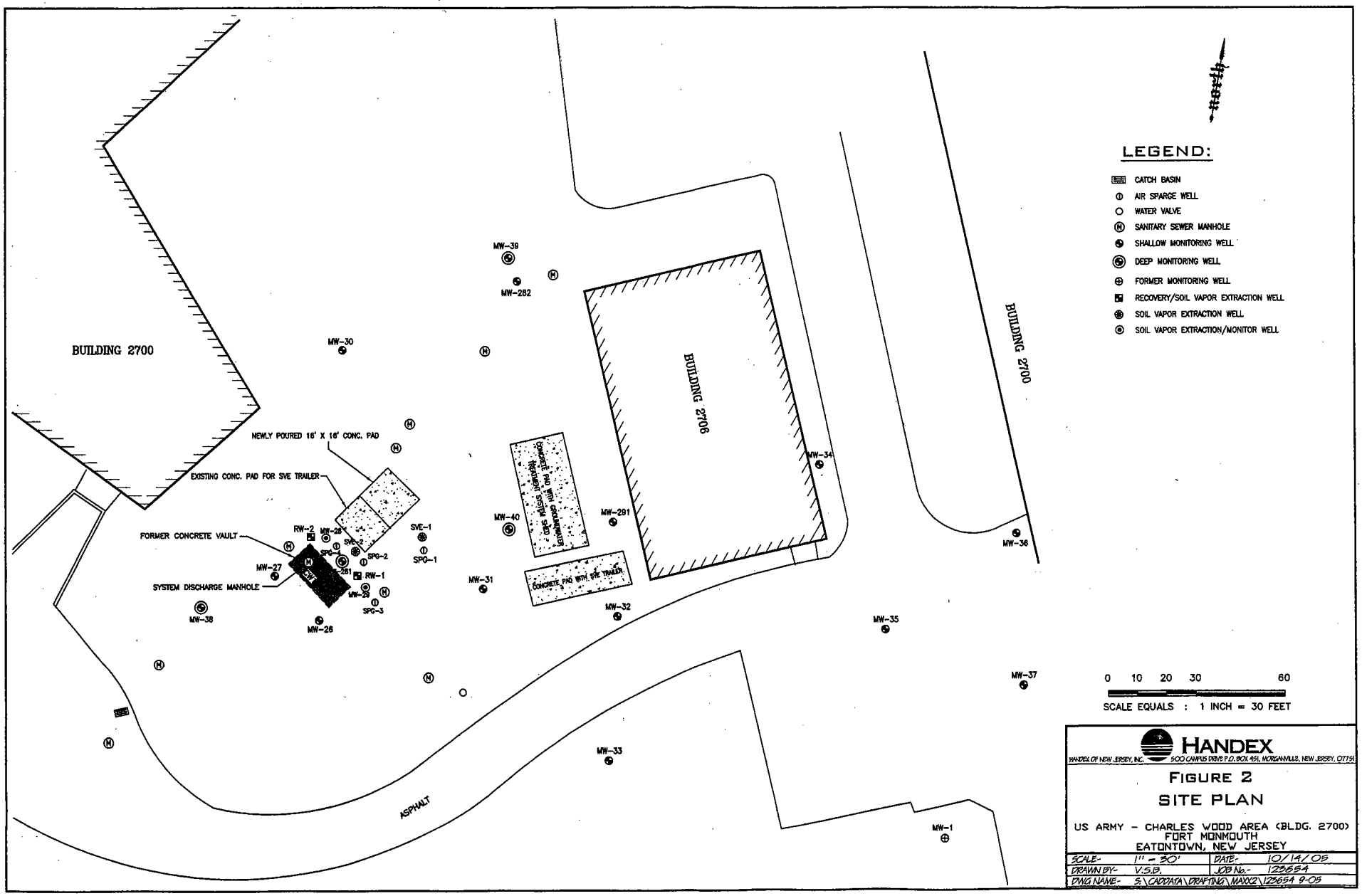

BUILDING 2700
BUILDING 2706
BUILDING 2700
NEWLY POURED 16' X 16' CONC. PAD
EXISTING CONC. PAD FOR SVE TRAILER
FORMER CONCRETE VAULT
SYSTEM DISCHARGE MANHOLE
CONCRETE PAD WITH GROUNDWATER TREATMENT SYSTEM SKID
CONCRETE PAD WITH SVE TRAILER
ASPHALT
MW-39
MW-282
MW-30
MW-34
MW-36
MW-40
MW-291
MW-31
MW-32
MW-35
MW-37
MW-33
MW-1
MW-38
MW-26
MW-27
MW-28
MW-29
MW-281
RW-2
RW-1
SVE-1
SVE-2
SPG-1
SPG-2
SPG-3
SPG-4
LEGEND:
CATCH BASIN
AIR SPARGE WELL
WATER VALVE
SANITARY SEWER MANHOLE
SHALLOW MONITORING WELL
DEEP MONITORING WELL
FORMER MONITORING WELL
RECOVERY/SOIL VAPOR EXTRACTION WELL
SOIL VAPOR EXTRACTION WELL
SOIL VAPOR EXTRACTION/MONITOR WELL
0 10 20 30 60
SCALE EQUALS : 1 INCH = 30 FEET
HANDEX
HANDEX OF NEW JERSEY, INC. 500 CAMPUS DRIVE P.O. BOX 451, MORGANVILLE, NEW JERSEY, 07751
FIGURE 2
SITE PLAN
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY
SCALE- 1" = 30'
DATE- 10/14/05
DRAWN BY- V.S.B.
JOB No.- 125654
DWG NAME- S:\CADDATA\DRAFTING\MAXX2\125654 9-05

FIGURE 12
TOTAL VOC CONCENTRATIONS IN GROUNDWATER VS. TIME
SHALLOW SOURCE AREA WELLS – MW-28
FORT MONMOUTH – CHARLES WOOD AREA BUILDING 2700
EATONTOWN, NJ

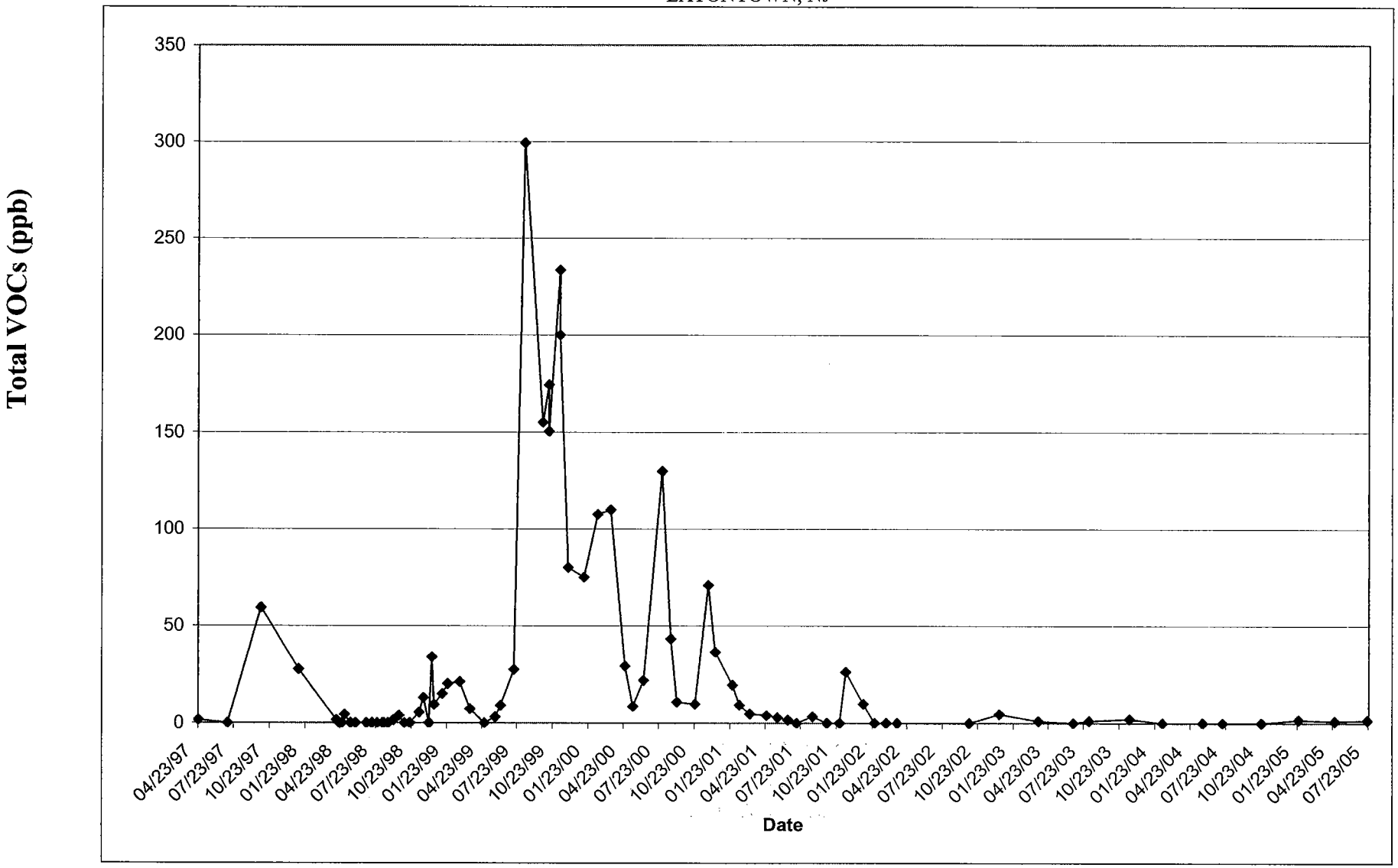


FIGURE 13
TOTAL VOC CONCENTRATIONS IN GROUNDWATER VS. TIME
SHALLOW SOURCE ARE WELL MW-29
FORT MONMOUTH - CHARLES WOOD AREA BUILDING 2700
EATONTOWN, NJ

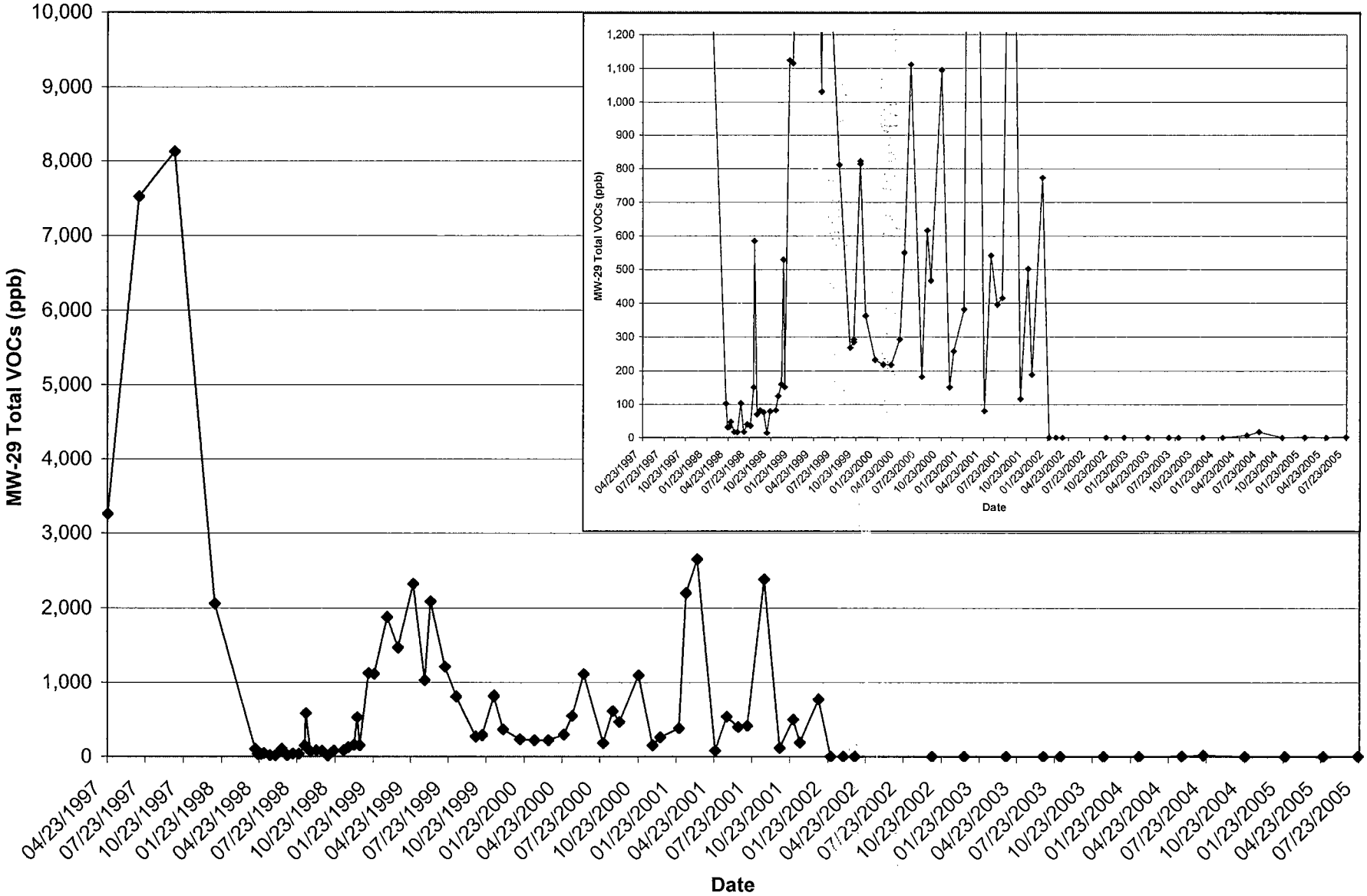
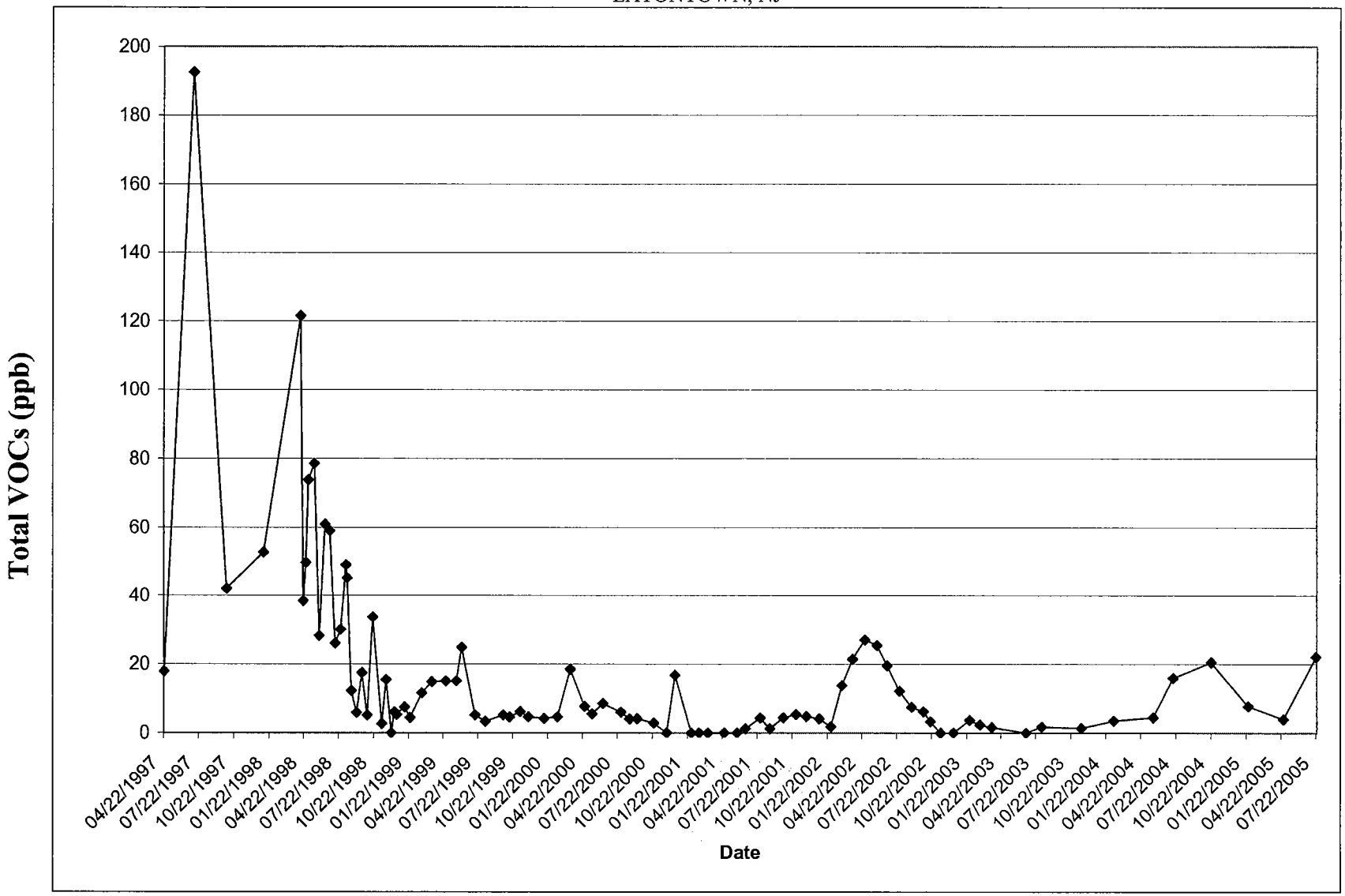


FIGURE 14
TOTAL VOC CONCENTRATIONS IN GROUNDWATER VS. TIME
DEEP SOURCE AREA WELL – MW-281
FORT MONMOUTH – CHARLES WOOD AREA BUILDING 2700
EATONTOWN, NJ



TABLES

Table 1
Soil Vapor Extraction System Data
CW-1-Building 2700
Fort Monmouth, NJ

DATE	SYSTEM UP/DOWN	APPLIED VACUUM ("H2O)	AIR FLOW (cfm)	SYSTEM INFLUENT ncentrati (ppm)*	Equivalent ydrocarbon Recovered (lbs/day)	ilative Equiva Hydrocarbons Recovered (lbs.)
10/05/04	Down/Up	26	3400	0	0.00	114.1
10/12/04	Up	28	3500	0	0.00	114.1
10/20/04	Up	29	3400	0	0.00	114.1
10/26/04	Up	28	3500	0	0.00	114.1
11/04/04	Up	15	4000	0	0.00	114.1
11/12/04	Up	NA	1600	0	0.00	114.1
11/16/04	Up	21	1500	0	0.00	114.1
11/24/04	Up	NA	3800	0	0.00	114.1
12/02/04	Up	18	3900	0	0.00	114.1
12/10/04	Up	NA	3900	0	0.00	114.1
12/17/04	Up	18	3900	0	0.00	114.1
12/23/04	Up	20	3600	0	0.00	114.1
12/29/04	Up	19	3700	0	0.00	114.1
01/06/05	Up	20	3700	0	0.00	114.1
01/14/05	Up	22	3700	0	0.00	114.1
01/19/05	Up	21	3800	0	0.00	114.1
01/26/05	Up	NA	3600	0	0.00	114.1
02/03/05	Up	NA	1350	0	0.00	114.1
02/07/05	Up	20	3700	0	0.00	114.1
02/18/05	Up	23	3800	0	0.00	114.1
02/23/05	Up	24	3900	0	0.00	114.1
03/02/05	Up	24	3800	0	0.00	114.1
03/11/05	Up	23	3900	0	0.00	114.1
03/16/05	Up	NA	4000	0	0.00	114.1
03/23/05	Up	23	4000	0	0.00	114.1
03/31/05	Up	24	3900	0	0.00	114.1
04/07/05	Up	NA	2400	0	0.00	114.1
04/12/05	Up	22	4200	0	0.00	114.1
04/22/05	Up	20	4250	0	0.00	114.1
04/27/05	Up	22	4300	0	0.00	114.1
05/04/05	Up	23	4200	0	0.00	114.1
05/13/05	Up	22	4400	0	0.00	114.1
05/18/05	Up	23	4200	0	0.00	114.1
05/25/05	Down/Up	24	4300	0	0.00	114.1

NOTES: Down/Up = System down upon arrival, but restarted by Technician

* Concentrations measured with a flame ionizer detector (FID).

TABLE 2
GROUNDWATER SYSTEM FLOW SUMMARY
CW-1 BUILDING 2700
FORT MONMOUTH, NJ

Monitor Date	System Status Arrival	System Status Departure	Totalizer Reading	Cumulative Gallons Pumped	Daily Flow (gal)	Comments
10/05/2004	Down	Down	733266	4733266	494.46	Found system down on high H20 in floor sump, found and replaced PVC fittings, left system off
10/12/2004	Down	Up	733510	4733510	34.75	Restart system after PVC repairs
10/20/2004	Up	Up	771411	4771411	4743.80	
10/26/2004	Up	Up	820347	4820347	8213.03	
11/04/2004	Up	Up	893155	4893155	8043.23	
11/12/2004	Up	Up	936392	4936392	5483.16	
11/16/2004	Up	Up	961913	4961913	6064.40	
11/24/2004	Up	Up	7303	5007303	5718.43	
12/02/2004	Up	Up	52221	5052221	5614.75	
12/10/2004	Down	Up	53011	5053011	98.75	
12/17/2004	Up	Up	92205	5092205	5632.67	
12/23/2004	Up	Up	126626	5126626	5776.95	
12/29/2004	Up	Up	170092	5170092	7024.81	
01/06/2005	Up	Up	225416	5225416	7186.88	
01/14/2005	Up	Up	268642	5268642	5239.52	
01/19/2005	Up	Up	302744	5302744	6936.00	
01/26/2005	Up	Up	350207	5350207	7267.06	
02/03/2005	Up	Up	389436	5389436	4587.07	
02/07/2005	Up	Up	415559	5415559	6599.49	
02/18/2005	Up	Up	492972	5492972	7379.99	
02/23/2005	Up	Up	529198	5529198	6649.51	
03/02/2005	Down	Up	531673	5531673	377.74	Found system down high water in floor sump, replaced vacuum relief valve
03/11/2005	Up	Up	594682	5594682	6574.85	
03/16/2005	Up	Up	629017	5629017	6910.19	A.S flow meter needs battery
03/23/2005	Up	Up	668471	5668471	5827.05	Replaced battery is AS Flow meter
03/31/2005	Up	Up	719651	5719651	6211.48	
04/07/2005	Up	Up	771583	5771583	7705.52	
04/12/2005	Up	Up	812144	5812144	8112.20	
04/22/2005	Up	Up	884887	5884887	7259.18	
05/04/2005	Up	Up	970678	5970678	11313.10	
05/13/2005	Up	Up	32873	6032873	7091.12	
05/18/2005	Down	Up	65441	6065441	6303.48	System down on high water in floor sump
05/25/2005	Down	Down	73578	6073578	1255.87	System down on high water in floor sump, system turned off.

Table 3
CW-1 Groundwater System
Total Chlorinated Hydrocarbons Removed in Pounds (Lbs.)

Monitor Date	Total Chlorinated Hydrocarbon Influent Conc. (ug/l)	Total Chlorinated 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	Chlorinated Hydrocarbons Removed (Lbs.)	TOTAL Chlorinated Hydrocarbons Recovered (Lbs.)
7/18/2002 startup	175.51	0.17551	27,346	27,346	7,224.64	1 lb. /453,600 mg	0.0028	**0.003**
08/07/2002	64.07	0.06407	257,814	230,468	60,888.22	1 lb. /453,600 mg	0.0086	**0.011**
09/13/2002	59.5	0.0595	581,644	323,830	85,553.88	1 lb. /453,600 mg	0.0112	**0.023**
10/10/2002	136.07	0.13607	816,536	234,892	62,057.01	1 lb. /453,600 mg	0.0186	**0.041**
11/22/2002	40.16	0.04016	1,127,525	310,989	82,161.37	1 lb. /453,600 mg	0.0073	**0.049**
12/20/2002	37.41	0.03741	1,194,660	67,135	17,736.65	1 lb. /453,600 mg	0.0015	**0.050**
01/24/2003	94.54	0.09454	1,375,195	180,535	47,696.23	1 lb. /453,600 mg	0.0099	**0.060**
02/21/2003	48.68	0.04868	1,590,419	215,224	56,860.85	1 lb. /453,600 mg	0.0061	**0.066**
03/20/2003	48.87	0.04887	1,865,195	274,776	72,594.12	1 lb. /453,600 mg	0.0078	**0.074**
04/23/2003	51.2	0.0512	2,166,718	301,523	79,660.51	1 lb. /453,600 mg	0.0090	**0.083**
05/20/2003	26.71	0.02671	2,497,708	330,990	87,445.51	1 lb. /453,600 mg	0.0051	**0.088**
06/25/2003	70.5	0.0705	2,787,590	289,882	76,585.03	1 lb. /453,600 mg	0.0119	**0.100**
07/16/2003	27.5	0.0275	3,021,267	233,677	61,736.02	1 lb. /453,600 mg	0.0037	**0.104**
08/15/2003	49.32	0.04932	3,216,053	194,786	51,461.26	1 lb. /453,600 mg	0.0056	**0.109**
09/16/2003	13.91	0.01391	3,318,240	102,187	26,997.17	1 lb. /453,600 mg	0.0008	**0.110**
10/16/2003	14.86	0.01486	3,331,098	12,858	3,397.00	1 lb. /453,600 mg	0.0001	**0.110**
11/20/2003	22.24	0.02224	3,393,224	62,126	16,413.30	1 lb. /453,600 mg	0.0008	**0.111**
12/23/2003	21.6	0.0216	3,647,308	254,084	67,127.42	1 lb. /453,600 mg	0.0032	**0.114**
01/30/2004	40.87	0.04087	3,760,154	112,846	29,813.21	1 lb. /453,600 mg	0.0027	**0.117**
02/20/2004	40.47	0.04047	3,981,902	221,748	58,584.45	1 lb. /453,600 mg	0.0052	**0.122**
03/12/2004	19.84	0.01984	4,191,642	209,740	55,412.01	1 lb. /453,600 mg	0.0024	**0.124**
04/21/2004	21.84	0.02184	4,526,128	334,486	88,369.13	1 lb. /453,600 mg	0.0043	**0.129**
05/27/2004	24.84	0.02484	4,700,210	174,082	45,991.39	1 lb. /453,600 mg	0.0025	**0.131**
06/18/2004	48.7	0.0487	4,822,960	122,750	32,429.79	1 lb. /453,600 mg	0.0035	**0.135**
07/28/2004	44.74	0.04474	5,023,781	200,821	53,055.67	1 lb. /453,600 mg	0.0052	**0.140**
08/25/2004	47.53	0.04753	5,250,485	226,704	59,893.79	1 lb. /453,600 mg	0.0063	**0.146**
09/28/2004	17.5	0.0175	5,514,749	264,264	69,816.91	1 lb. /453,600 mg	0.0027	**0.149**
10/20/2004	18.94	0.01894	5,569,756	55,007	14,532.51	1 lb. /453,600 mg	0.0006	**0.150**
11/16/2004	19.37	0.01937	5,817,029	247,273	65,328.00	1 lb. /453,600 mg	0.0028	**0.152**
12/17/2004	13.82	0.01382	5,995,359	178,330	47,113.68	1 lb. /453,600 mg	0.0014	**0.154**

Table 3
CW-1 Groundwater System
Total Chlorinated Hydrocarbons Removed in Pounds (Lbs.)

Monitor Date	Total Chlorinated Hydrocarbon Influent Conc. (ug/l)	Total Chlorinated 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	Chlorinated Hydrocarbons Removed (Lbs.)	TOTAL Chlorinated Hydrocarbons Recovered (Lbs.)
01/26/2005	13.87	0.01387	6,358,986	363,627	96,068.00	1 lb. /453,600 mg	0.0029	**0.157**
02/23/2005	15.69	0.01569	6,620,369	261,383	69,055.77	1 lb. /453,600 mg	0.0024	**0.159**
03/16/2005	16.94	0.01694	6,679,390	59,021	15,592.98	1 lb. /453,600 mg	0.0006	**0.160**
04/27/2005	16.72	0.01672	6,902,297	222,907	58,890.65	1 lb. /453,600 mg	0.0022	**0.162**
05/25/2005	61.31	0.06131	7,141,604	239,307	63,223.43	1 lb. /453,600 mg	0.0085	**0.170**
	System shutdown	May-05						

NOTES:
Chlorinated Hydrocarbons include Trichloroethene (TCE); cis-1,2-Dichloroethene (DCE); 1,1,1-Trichloroethane (TCA)
Influent concentrations are assumed to be constant over period of groundwater flow readings
TOTAL Chlorinated Hydrocarbons Recovered (Lbs.) = influent concentration x volume of water extracted x conversion factors

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
Well ID:		**MW26**		**Casing Elevation:**		**62.46**												
04/23/97	8.60	53.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/97	8.98	53.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/01/97	9.45	53.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/06/98	9.05	53.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/98	8.30	54.16	1.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.04
04/20/98	8.29	54.17	1.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.09
04/27/98	8.45	54.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/04/98	8.24	54.22	1.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.12
05/19/98	8.18	54.28	3.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.04
06/01/98	8.49	53.97	1.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.56
06/16/98	NA	NA	1.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.08
06/29/98	8.73	53.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/98	8.86	53.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/27/98	9.11	53.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/10/98	9.08	53.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/13/98	9.16	53.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/98	9.50	52.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/07/98	9.60	52.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29 (1)	29
09/21/98	9.99	52.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/05/98	10.01	52.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/19/98	10.11	52.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/98	9.73	52.73	27.66	ND	31.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.39
11/23/98	9.75	52.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/07/98	10.07	52.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/98	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/21/98	10.25	52.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/11/99	9.70	52.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/25/99	9.25	53.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/99	9.25	53.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/23/99	9.07	53.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/29/99	9.31	53.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/27/99	9.42	53.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/10/99	9.54	52.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
07/15/99	9.67	52.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/11/99	9.89	52.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/27/99	9.49	52.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/13/99	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/10/99	9.70	52.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.96	52.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/13/99	9.76	52.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/10/99	9.70	52.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.96	52.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/12/00	9.67	52.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/16/00	9.44	53.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/21/00	9.25	53.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/00	9.08	53.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/17/00	9.35	53.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/14/00	9.39	53.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/31/00	9.18	53.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/23/00	9.16	53.30	ND	ND	ND	ND	ND	ND	ND	ND	4.61	ND	ND	ND	ND	ND	ND	4.61
09/08/00	9.42	53.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	9.49	52.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	9.64	52.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/00	9.63	52.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/01	9.08	53.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/15/01	8.98	53.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	8.99	53.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/26/01	8.76	53.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	9.06	53.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.89	53.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/01	9.15	53.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	9.38	53.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	9.64	52.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	9.89	52.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	10.05	52.41	ND	ND	ND	ND	ND	1.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.71
12/31/01	10.45	52.01	ND	ND	ND	ND	ND	3.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.05
01/29/02	10.25	52.21	ND	ND	ND	ND	ND	1.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.31

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
02/28/02	10.33	52.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	9.78	52.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	9.75	52.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.81	52.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	9.56	52.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	13.07	49.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.99	48.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.90	48.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	12.27	50.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.58	49.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	9.25	53.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	11.56	50.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	10.85	51.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.13	51.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	10.38	52.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	9.88	52.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	9.10	53.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	10.74	51.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	11.15	51.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	11.15	51.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/04	11.15	51.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/05	10.88	51.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/28/05	10.89	51.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/05	9.02	53.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID:		**MW27**		**Casing Elevation:**		**62.56**												
04/23/97	8.60	53.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/01/97	9.50	53.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/06/98	8.95	53.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/98	8.10	54.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/98	8.11	54.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/98	8.17	54.39	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5
05/04/98	8.01	54.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/19/98	7.76	54.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/01/98	9.20	53.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
06/16/98	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/98	8.48	54.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/98	8.67	53.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/27/98	8.51	54.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/10/98	8.92	53.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/13/98	8.98	53.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/98	10.21	52.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/07/98	10.30	52.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/21/98	10.67	51.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/05/98	10.73	51.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/19/98	10.70	51.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/98	9.80	52.76	21.44	ND	29.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.62
11/23/98	9.90	52.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/07/98	10.17	52.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/98	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/21/98	10.18	52.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/11/99	9.68	52.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/25/99	9.15	53.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/99	9.14	53.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/23/99	8.93	53.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/29/99	9.17	53.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/27/99	9.30	53.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/10/99	9.44	53.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9 (1)	9.0
07/15/99	9.61	52.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/11/99	9.84	52.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/27/99	9.45	53.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/13/99	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	ND
11/10/99	9.66	52.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.91	52.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	ND
10/13/99	9.72	52.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/10/99	9.66	52.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.91	52.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/12/00	9.63	52.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/16/00	9.37	53.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
03/21/00	9.19	53.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/00	8.95	53.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/17/00	9.24	53.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/14/00	9.31	53.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/31/00	9.08	53.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/23/00	9.52	53.04	1.46	ND	ND	ND	ND	ND	ND	ND	5.78	ND	ND	ND	ND	ND	ND	7.24
09/08/00	9.32	53.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND
10/24/00	9.34	53.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	9.58	52.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15/15/00	9.57	52.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/01	8.95	53.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/15/01	8.84	53.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	8.85	53.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/26/01	8.54	54.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	8.89	53.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.71	53.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/01	9.00	53.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	9.20	53.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.89	ND	ND	ND	ND	ND	2.89
09/28/01	9.57	52.99	ND	ND	ND	ND	ND	1.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.28
10/31/01	9.83	52.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	10.00	52.56	ND	ND	ND	ND	ND	3.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.06
12/31/01	10.30	52.26	19.07	ND	ND	ND	ND	4.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.97
01/29/02	10.17	52.39	1.8	ND	ND	ND	ND	3.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.74
02/28/02	10.25	52.31	7.14	ND	ND	ND	ND	4.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.62
03/28/02	9.20	53.36	2.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.84
04/30/02	9.64	52.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.70	52.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	9.57	52.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	12.99	49.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.91	48.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.77	48.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/27/02	12.22	50.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.48	50.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	9.11	53.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
01/27/03	11.38	51.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	10.52	52.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.03	51.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	10.25	52.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	9.62	52.94	ND	ND	ND	ND	ND	1.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.11
11/18/03	8.91	53.65	ND	ND	ND	ND	ND	4.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.21
02/11/04	10.54	52.02	ND	ND	ND	ND	ND	0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.48
05/24/04	11.04	51.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	11.05	51.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/04	11.05	51.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/05	10.76	51.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/28/05	10.83	51.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/05	8.84	53.72	2.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.26
Well ID:		**MW28**		**Casing Elevation:**		**62.89**												
04/23/97	9.05	53.84	1.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.42
07/07/97	9.20	53.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/01/97	9.70	53.19	59.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.37
01/06/98	9.40	53.49	27.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.73
04/13/98	8.40	54.49	1.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.42
04/20/98	8.43	54.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/98	8.52	54.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/04/98	8.33	54.56	2.57	ND	1.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.32
05/19/98	8.09	54.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/01/98	9.68	53.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/98	8.92	53.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/98	9.13	53.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/27/98	9.15	53.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/10/98	9.44	53.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/13/98	9.51	53.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/98	10.70	52.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/07/98	10.81	52.08	1.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.44
09/21/98	10.93	51.96	3.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.75
10/05/98	11.00	51.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/19/98	11.15	51.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
11/12/98	10.28	52.61	5.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.44
11/23/98	10.40	52.49	13.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.1
12/07/98	10.57	52.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/98	NA	NA	33.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.9
12/21/98	10.66	52.23	9.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.41
01/11/99	10.16	52.73	14.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.96
01/25/99	9.63	53.26	20.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.18
02/25/99	9.61	53.28	21.28	ND	1.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.28
03/23/99	9.38	53.51	7.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.15
04/29/99	9.65	53.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/27/99	9.79	53.10	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.1
06/10/99	9.91	52.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9 (1)	9.0
07/15/99	10.10	52.79	27.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	27.44
08/11/99	10.32	52.57	297.82	ND	1.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	299.41
09/27/99	9.94	52.95	130.94	ND	24.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	155.07
10/13/99	NA	NA	165.5 E	ND	8.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	174.46
11/10/99	10.13	52.76	208.05 E	ND	25.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	233.45
12/02/99	10.41	52.48	66.59	ND	13.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	80.16
10/13/99	10.21	52.68	141.46	ND	8.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150.42
11/10/99	10.13	52.76	174.48	ND	25.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	199.88
12/02/99	10.41	52.48	66.59	ND	13.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	80.16
01/12/00	10.10	52.79	67.35	ND	7.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.21
02/16/00	9.84	53.05	103.32	ND	4.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	107.56
03/21/00	9.67	53.22	106.66	ND	3.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	109.86
04/27/00	9.40	53.49	29.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.30
05/17/00	9.75	53.14	8.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.48
06/14/00	9.79	53.10	21.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.88
07/31/00	9.55	53.34	129.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	129.89
08/23/00	9.06	53.83	43.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.36
09/08/00	9.82	53.07	10.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.80
10/24/00	9.84	53.05	9.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.79
11/27/00	10.02	52.87	70.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70.95
12/15/00	10.05	52.84	36.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.63
01/29/01	9.44	53.45	19.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19.57

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
02/15/01	9.31	53.58	9.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.23
03/14/01	9.31	53.58	4.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.64
04/26/01	9.02	53.87	ND	ND	ND	ND	ND	3.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.91
05/24/01	9.36	53.53	ND	ND	ND	ND	ND	2.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.83
06/20/01	9.15	53.74	1.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.57
07/12/01	9.45	53.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	9.77	53.12	3.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.32
09/28/01	10.07	52.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	10.35	52.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	10.49	52.40	26.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.2
12/31/01	10.84	52.05	8.25	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.85
01/29/02	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
02/28/02	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/28/02	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/30/02	13.62	49.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	7.35	55.54	4.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.55
03/28/03	11.02	51.87	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
06/26/03	10.11	52.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	7.95	54.94	1.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.18
11/18/03	7.98	54.91	2.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.08
02/11/04	9.88	53.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	10.65	52.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	10.58	52.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/04	10.71	52.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/05	10.12	52.77	1.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.61
04/28/05	9.63	53.26	0.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.88
07/21/05	7.14	55.75	1.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.31
Well ID:		**MW29**		**Casing Elevation:**		**62.44**												
04/23/97	8.90	53.54	3,212	1.74	47.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6(1)	3,260.91
07/07/97	9.30	53.14	7,423	7.75	92.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7,523.22
10/01/97	9.98	52.46	7,836	5.75	290.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8,131.77
01/06/98	9.10	53.34	1,987	ND	69.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,056.81
04/13/98	8.40	54.04	96.25	ND	6.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	102.52
04/20/98	8.43	54.01	28.19	ND	3.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.68

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	1 (1)	70 (1)	100 (1)	1 (1)	30 (1)	70(1)	1 (1)	6000(1)	300(1)	75 (1)	600 (1)	600 (1)	70 (1)	--	--
04/27/98	8.50	53.94	30.71	ND	2.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.14
05/04/98	8.09	54.35	41.49	ND	6.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.89
05/19/98	8.08	54.36	14.80	ND	2.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.34
06/01/98	9.58	52.86	13.49	ND	3.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16.73
06/16/98	NA	53.24	90.34	ND	12.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	103.22
06/29/98	8.82	53.62	14.95	ND	2.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.33
07/13/98	8.25	54.19	35.68	ND	4.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.22
07/27/98	8.29	54.15	29.71	ND	6.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.35
08/10/98	9.18	53.26	100.44	ND	50.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150.49
08/13/98	9.26	53.18	496.93	ND	88.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	585.30
08/24/98	10.59	51.85	42.97	ND	27.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70.35
09/07/98	10.60	51.84	56.45	ND	25.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	81.78
09/21/98	10.94	51.50	50.97	ND	25.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	76.51
10/05/98	10.99	51.45	10.11	ND	4.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.61
10/19/98	11.04	51.40	47.69	ND	31.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	79.47
11/12/98	9.50	52.94	36.48	ND	46.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	82.76
11/23/98	10.83	51.61	73.42	ND	51.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	124.58
12/07/98	10.17	52.27	69.81	ND	89.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	158.92
12/15/98	NA	NA	374.58	ND	153.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	528.43
12/21/98	10.32	52.12	96.48	ND	54.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	151.20
01/11/99	9.79	52.65	960.40	ND	164.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,125.36
01/25/99	9.30	53.14	987.23	ND	128.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,115.37
02/25/99	9.34	53.10	1,789.94	ND	88.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,878.88
03/23/99	9.09	53.35	1,342	ND	126.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,468.68
04/29/99	9.40	53.04	2,167	ND	156.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,323.47
05/27/99	9.59	52.85	950	ND	80.23	ND	ND	ND	ND	ND	ND	ND	1.03	ND	5.08	ND	ND	1,030.28
06/10/99	9.63	52.81	1,843	ND	245.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,087.79
07/15/99	9.76	52.68	752	ND	457.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,210.16
08/11/99	10.00	52.44	288	ND	523.43	ND	ND	ND	ND	ND	ND	ND	ND	2.37	3.78	ND	ND	811.54
09/27/99	9.61	52.83	119	ND	149.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	267.73
10/13/99	NA	52.73	99.62	ND	183.14	ND	ND	ND	ND	ND	ND	ND	ND	2.07	ANR	ND	ND	284.83
11/10/99	9.81	52.63	62.96	ND	746.3	ND	ND	ND	ND	ND	ND	ND	4.05	3.9	5.44	ND	ND	822.65
12/02/99	10.07	52.37	70.63	ND	286.62	ND	ND	ND	ND	ND	ND	ND	3.84	2.71	ANR	ND	ND	363.80
10/13/99	9.86	52.58	99.62	ND	183.14	5.87	2.07	ND	ND	ND	ND	ND	ND	2.07	ND	ND	ND	292.77

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
11/10/99	9.81	52.63	62.96	ND	746.3	3.06	1.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	813.99
12/02/99	10.07	52.37	70.63	ND	282.62	1.75	1.05	ND	ND	ND	ND	ND	3.84	2.71	ND	ND	ND	362.60
01/12/00	9.77	52.67	42.74	ND	186.58	1.95	ND	ND	ND	ND	ND	ND	ND	1.09	ND	ND	ND	232.36
02/16/00	9.54	52.90	41.51	ND	175.38	ND	ND	ND	ND	ND	ND	ND	ND	1.47	ND	ND	ND	218.36
03/21/00	9.35	53.09	97.50	ND	120.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	218.16
04/27/00	9.12	53.32	174.54	ND	118.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	293.01
05/17/00	9.47	52.97	357.72	ND	186.08	5.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	549.00
06/14/00	9.52	52.92	775.38	ND	335.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,111.21
07/31/00	9.25	53.19	78.43	ND	103.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	182.00
08/23/00	9.24	53.20	263.49	ND	352.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	615.59
09/08/00	9.53	52.91	225.03	ND	242.72	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	467.75
10/24/00	9.56	52.88	843.88	ND	250.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,094.21
11/27/00	9.71	52.73	54.06	ND	96.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150.61
12/15/00	9.73	52.71	119.41	ND	138.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	257.57
01/29/01	9.19	53.25	289.79	ND	91.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	381.09
02/15/01	9.09	53.35	1951.41	ND	250.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,202.03
03/14/01	9.09	53.35	2538.62	ND	113.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,652.15
04/26/01	8.83	53.61	75.98	ND	4.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	80.43
05/24/01	9.14	53.30	470.48D	ND	66.54	3.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	540.74
06/20/01	8.90	53.54	344.05D	ND	51.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	395.60
07/12/01	9.20	53.24	360.20D	ND	55.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	415.20
08/22/01	9.44	53.00	2040.65DE	ND	340.29D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,380.94
09/28/01	9.70	52.74	67.01	ND	44.23	ND	ND	4.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	115.88
10/31/01	9.92	52.52	211.46D*	ND	287.29D*	ND	ND	2.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	501.19
11/16/01	10.08	52.36	67.36	ND	118.26D*	ND	ND	3.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	188.64
12/31/01	10.45	51.99	91.36	ND	677.24D*	1.59	ND	2.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	773.17
01/29/02	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
02/28/02	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/28/02	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/30/02	12.91	49.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	6.88	55.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	10.25	52.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	9.63	52.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	7.55	54.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
11/18/03	7.85	54.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	9.45	52.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	10.45	51.99	7.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.17
07/15/04	9.82	52.62	17.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.49
10/22/04	10.20	52.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/05	9.50	52.94	0.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.62
04/28/05	10.78	51.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/05	6.70	55.74	1.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.74
Well ID:		**MW282**		**Casing Elevation:**		**61.47**												
04/22/97	8.30	53.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
07/09/97	8.85	52.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
10/02/97	9.40	52.07	ND	ND	ND	ND	ND	ND	ND	3.21	ND	ND	ANR	ANR	ANR	ND	ND	3.21
01/07/98	8.85	52.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
04/13/98	7.60	53.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
04/20/98	7.59	53.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
04/27/98	7.64	53.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
05/04/98	7.44	54.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
05/19/98	6.39	55.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
06/01/98	8.62	52.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
06/16/98	7.84	53.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
06/29/98	8.10	53.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
07/13/98	8.31	53.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
07/27/98	8.34	53.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
08/10/98	8.70	52.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
08/13/98	8.79	52.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
08/24/98	9.70	51.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
09/07/97	9.93	51.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	31 (1)	31
09/21/98	10.00	51.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
10/05/98	10.04	51.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
10/19/98	10.19	51.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
11/12/98	9.58	51.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
11/23/98	9.65	51.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
12/07/98	9.98	51.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
12/15/98	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
12/21/98	10.10	51.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/11/99	9.56	51.91	3.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.42
01/25/99	8.88	52.59	15.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.70
03/23/99	8.95	52.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/29/99	9.00	52.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/27/99	9.10	52.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13 (1)	13
06/10/99	9.29	52.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8 (1)	8
07/15/99	9.53	51.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/11/99	9.79	51.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/27/99	9.37	52.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/13/99	NA	52.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	ND
11/10/99	9.58	51.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.84	51.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	ND
10/13/99	9.64	51.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/10/99	9.58	51.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.84	51.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/12/00	9.51	51.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/16/00	9.19	52.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/21/00	9.05	52.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/00	8.80	52.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/17/00	5.51	55.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/14/00	9.18	52.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/31/00	8.87	52.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/23/00	8.89	52.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/08/00	9.20	52.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	9.23	52.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	9.34	52.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/00	9.49	51.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/01	8.83	52.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/20/01	8.79	52.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	8.62	52.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/26/01	8.25	53.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	8.66	52.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.37	53.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
07/12/01	9.80	51.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	9.15	52.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	9.70	51.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	9.80	51.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	9.94	51.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/31/01	10.28	51.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/02	10.12	51.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	10.17	51.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	9.58	51.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	4.53	56.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.65	51.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	9.50	51.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	10.93	50.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	11.05	50.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	11.50	49.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	10.28	51.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	10.58	50.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	8.85	52.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	9.55	51.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	9.18	52.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	9.29	52.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	8.58	52.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	9.11	52.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	7.86	53.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/2004**	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/22/04	9.72	51.75																
Well ID		**MW291**		**Casing Elevation:**		**63.38**												
04/22/97	11.15	52.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/97	11.40	51.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/02/97	11.70	51.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/98	11.40	51.98	ND	ND	ND	ND	ND	ND	ND	1.75	ND	ND	ND	ND	ND	ND	ND	1.75
04/13/98	8.70	54.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/98	8.69	54.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/98	10.75	52.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
05/04/98	8.47	54.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/19/98	10.27	53.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/01/98	11.83	51.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/16/98	10.48	52.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/98	10.98	52.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/98	11.09	52.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/27/98	11.11	52.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/10/98	11.31	52.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/13/98	11.39	51.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/98	12.92	50.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/07/98	13.00	50.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/21/98	13.09	50.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/05/98	13.15	50.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/19/98	13.19	50.19	ND	ND	ND	ND	ND	ND	1.36	ND	ND	ND	ND	ND	ND	ND	ND	1.36
11/12/98	11.89	51.49	ND	ND	ND	ND	ND	ND	7.37	1.37	ND	ND	ND	ND	ND	ND	ND	8.74
11/23/98	11.98	51.40	ND	ND	ND	ND	ND	ND	5.81	1.31	ND	ND	ND	ND	ND	ND	ND	7.12
12/07/98	12.04	51.34	ND	ND	ND	ND	ND	ND	10.13	2.25	ND	ND	ND	ND	ND	ND	ND	12.38
12/15/98	NA	51.24	ND	ND	ND	ND	ND	ND	7.41	1.79	ND	ND	ND	ND	ND	ND	ND	9.20
12/21/98	12.24	51.14	ND	ND	ND	ND	ND	ND	1.58	ND	ND	ND	ND	ND	ND	ND	ND	1.58
01/11/99	11.81	51.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/25/99	9.40	53.98	ND	ND	ND	ND	ND	ND	2.02	ND	ND	ND	ND	ND	ND	ND	ND	2.02
02/25/99	11.64	51.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/23/99	11.28	52.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/29/99	11.52	51.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/27/99	11.54	51.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/10/99	11.68	51.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8 (1)	8.0
07/12/99	11.81	51.57	ND	ND	ND	ND	ND	ND	6.88	ND	ND	ND	ND	ND	ND	ND	ND	6.88
08/11/99	11.97	51.41	ND	ND	ND	ND	ND	ND	16.13	4.37	ND	ND	ND	ND	ND	ND	ND	20.5
09/27/99	11.62	51.76	ND	ND	ND	ND	ND	ND	3.39	ND	ND	ND	ND	ND	ND	ND	ND	3.39
10/13/99	NA	51.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	ND
11/10/99	11.79	51.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/02/99	12.01	51.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	ND
10/13/99	11.82	51.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/10/99	11.79	51.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
12/02/99	12.01	51.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/12/00	11.79	51.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/16/00	11.61	51.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/21/00	11.48	51.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/00	11.54	51.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/17/00	11.59	51.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/14/00	11.61	51.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/31/00	11.31	52.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/23/00	11.33	52.05	1.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.96
09/08/00	11.57	51.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND
10/24/00	11.60	51.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	11.69	51.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/00	11.80	51.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/01	11.37	52.01	2.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.52
02/20/01	11.40	51.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	11.28	52.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/26/01	11.16	52.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	11.38	52.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	11.21	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/01	11.35	52.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	11.59	51.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	11.78	51.60	1.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6
10/31/01	11.97	51.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	12.11	51.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/31/01	12.36	51.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/02	12.16	51.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	12.32	51.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	11.81	51.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	11.83	51.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	11.87	51.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.02	ND	ND
06/27/02	11.74	51.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.70	ND	ND
07/29/02	13.21	50.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.39	ND	ND
08/30/02	13.68	49.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.78	ND	ND
09/30/02	13.78	49.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.55	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
10/17/02	12.92	50.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	87.84	ND	ND
11/12/02	12.90	50.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.14	ND	ND
12/17/02	11.40	51.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	12.18	51.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	12.04	51.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.94	51.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	11.35	52.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	11.77	51.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	6
11/18/03	11.28	52.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	11.79	51.59	0.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.66
05/24/04	12.05	51.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	12.15	51.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/04	12.06	51.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/05	11.96	51.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/29/05	11.94	51.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/05	11.25	52.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**MW30**		**Casing Elevation:**		**63.34**												
08/14/00	10.12	53.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/29/00	10.28	53.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.48	ND	ND	ND	ND	ND	3.48*
09/08/00	10.54	52.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	10.49	52.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	10.73	52.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/00	10.76	52.58	389.38	ND	3.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	392.65
01/29/01	10.98	52.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/15/01	9.91	53.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	9.94	53.40	2.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.59
04/26/01	9.53	53.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	9.89	53.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	9.67	53.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/01	10.05	53.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	10.41	52.93	1.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.36
09/28/01	10.78	52.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	11.08	52.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	11.26	52.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
12/31/01	11.64	51.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/02	11.48	51.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	11.59	51.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	10.95	52.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	10.93	52.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	10.96	52.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	10.79	52.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	12.64	50.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.07	50.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.25	50.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	12.16	51.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.27	51.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	10.21	53.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	11.16	52.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	10.81	52.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	10.87	52.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	10.11	53.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	9.52	53.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	10.10	53.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	10.54	52.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	10.97	52.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	11.18	52.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/04	11.29	52.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.31	ND	1.3
01/26/05	10.94	52.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/28/05	NG	NG	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/05	10.04	53.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**MW31**		**Casing Elevation:**		**62.72**												
08/14/00	10.06	52.66	67.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	67.66
08/29/00	10.19	52.53	13.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.98
09/08/00	10.34	52.38	22.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.54
10/24/00	10.35	52.37	10.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.34
11/27/00	10.46	52.26	139.49	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	140.69
12/15/00	10.52	52.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/01	10.05	52.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	--	--
02/15/01	9.96	52.76	29.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.68
03/14/01	9.91	52.81	7.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.28
04/26/01	9.82	52.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	10.10	52.62	ND	ND	ND	ND	ND	ND	ND	ND	13.27	ND	ND	ND	ND	ND	ND	13.27
06/20/01	9.81	52.91	ND	ND	ND	ND	ND	2.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.22
07/12/01	10.10	52.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	10.31	52.41	ND	ND	ND	ND	ND	1.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.86
09/28/01	10.54	52.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	10.74	51.98	243.7D*	ND	40.64	ND	ND	3.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	288.58**
11/16/01	10.90	51.82	358.39D*	ND	128.72D*	ND	ND	2.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	489.92
12/31/01	11.20	51.52	34.9	ND	24.76	ND	ND	4.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	64.2
01/29/02	10.99	51.73	2.12	ND	1.82	ND	ND	3.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.43
02/28/02	11.09	51.63	ND	ND	ND	ND	ND	2.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.25
03/28/02	10.55	52.17	ND	ND	ND	ND	ND	1.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.32
04/30/02	10.57	52.15	ND	ND	ND	ND	ND	6.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	10.61	52.11	ND	ND	ND	ND	ND	4.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.57
06/27/02	10.45	52.27	ND	ND	ND	ND	ND	1.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	13.04	49.68	ND	ND	ND	ND	ND	1.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.65	49.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.68	49.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	12.37	50.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.58	50.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	10.06	52.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	11.80	50.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	11.43	51.29	1.39	ND	ND	ND	ND	0.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.42	51.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	10.78	51.94	5.07	ND	1.04	ND	ND	1.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.45
08/06/03	10.75	51.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	10.00	52.72	0.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.81
02/11/04	11.16	51.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	11.51	51.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	11.55	51.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/04	11.45	51.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/05	11.31	51.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Brom-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
04/28/05	11.32	51.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/05	9.93	52.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**MW32**		**Casing Elevation:**		**63.62**												
08/14/00	11.30	52.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/29/00	11.43	52.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/08/00	11.55	52.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	11.57	52.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	11.65	51.97	51.33	ND	1.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.00
12/15/00	11.75	51.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/01	11.35	52.27	ND	ND	ND	ND	ND	ND	ND	ND	3.52	ND	ND	ND	ND	ND	ND	ND
02/15/01	11.30	52.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	11.28	52.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/26/01	11.23	52.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	11.43	52.19	10.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.77
06/20/01	11.19	52.43	12.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.16
07/12/01	11.40	52.22	12.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.59
08/22/01	11.57	52.05	16.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16.24
09/28/01	11.74	51.88	9.60	ND	ND	ND	ND	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.65
10/31/01	11.92	51.70	6.11	ND	ND	ND	ND	1.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.34
11/16/01	12.04	51.58	4.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.91
12/28/01	12.29	51.33	18.91	ND	ND	ND	ND	1.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.03
01/29/02	12.07	51.55	10.48	ND	1.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.04
02/28/02	12.23	51.39	6.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.38
03/28/02	11.72	51.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	11.75	51.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	11.78	51.84	ND	ND	ND	ND	ND	ND	1.38	ND	ND	ND	ND	ND	ND	ND	ND	1.38
06/27/02	11.65	51.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	13.14	50.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.85	49.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.74	49.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	12.84	50.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.81	50.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	11.35	52.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	12.01	51.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
02/25/03	12.12	51.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.85	51.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	11.28	52.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	11.75	51.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	11.23	52.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	11.77	51.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	12.03	51.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	12.10	51.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/04	12.03	51.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/05	11.89	51.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/28/05	11.86	51.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/05	11.21	52.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**MW33**		**Casing Elevation:**		**63.69**												
08/14/00	11.07	52.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/29/00	11.27	52.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/08/00	11.43	52.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	11.46	52.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	11.52	52.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/00	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/01	11.05	52.64	452.17	ND	7.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	459.67
02/15/01	10.97	52.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	10.92	52.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/26/01	10.93	52.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	11.26	52.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	10.99	52.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/01	11.25	52.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	11.46	52.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	11.67	52.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	11.86	51.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	12.00	51.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/28/01	12.30	51.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/02	11.97	51.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	12.13	51.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	11.57	52.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
04/30/02	11.68	52.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	11.66	52.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	11.53	52.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	13.02	50.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.58	50.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.61	50.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	12.56	51.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.66	51.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	11.13	52.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	11.85	51.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	12.11	51.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.54	52.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	10.91	52.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	11.69	52.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	11.05	52.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/2004**	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/22/04	11.81	51.88																
Well ID		**MW34**		**Casing Elevation:**		**60.07**												
08/14/00	8.64	51.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/29/00	8.69	51.38	ND	ND	ND	ND	ND	ND	ND	ND	6.90	ND	ND	ND	ND	ND	ND	6.90
09/08/00	8.78	51.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	7.89	52.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	8.91	51.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/19/00	8.90	51.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/31/01	8.40	51.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/15/01	8.55	51.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	8.61	51.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/01	8.55	51.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/01	8.72	51.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.54	51.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/30/01	8.70	51.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/01	8.83	51.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	8.97	51.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	9.14	50.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
11/16/01	9.20	50.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/28/01	9.35	50.72	1.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.14
01/29/02	9.20	50.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	9.34	50.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	8.98	51.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	8.99	51.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.03	51.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	8.95	51.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	9.59	50.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	9.95	50.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	10.50	49.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.70	ND	ND
10/17/02	9.33	50.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	9.34	50.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.14	ND	ND
12/17/02	8.67	51.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	8.38	51.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	8.71	51.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	8.75	51.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	8.32	51.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	8.74	51.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	8.56	51.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	8.70	51.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	8.82	51.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	8.90	51.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/04	8.93	51.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/05	8.86	51.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/29/05	8.74	51.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/05	8.55	51.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**MW35**		**Casing Elevation:**		**59.55**												
08/14/00	8.28	51.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/29/00	8.36	51.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/08/00	8.41	51.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	8.43	51.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/28/00	8.55	51.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/19/00	8.58	50.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
01/31/01	8.43	51.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/15/01	8.41	51.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/15/01	8.37	51.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/01	8.35	51.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/01	8.45	51.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.32	51.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/30/01	8.35	51.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/01	8.45	51.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	8.55	51.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	8.68	50.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/01	8.80	50.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/28/01	8.92	50.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/02	9.47	50.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	8.88	50.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	8.60	50.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	8.83	50.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	8.61	50.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	8.54	51.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	9.04	50.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	9.57	49.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	9.50	50.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	8.96	50.59	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	1.4
11/12/02	8.85	50.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	8.41	51.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	8.55	51.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	8.51	51.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	8.39	51.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	8.00	51.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	8.37	51.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	8.25	51.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	8.40	51.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	8.41	51.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	8.48	51.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/04	8.51	51.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Shallow groundwater data

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
01/27/05	8.53	51.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/29/05	8.38	51.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/05	8.21	51.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**MW36**		**Casing Elevation:**		**60.15**												
08/14/00	9.06	51.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/29/00	8.17	51.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/08/00	9.24	50.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	9.26	50.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/28/00	9.42	50.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/19/00	9.37	50.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/31/01	9.16	50.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/15/01	9.08	51.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	9.05	51.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/01	8.98	51.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/01	9.20	50.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	9.05	51.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/30/01	9.15	51.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/01	9.29	50.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	9.43	50.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	6.71	53.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	9.66	50.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/28/01	9.85	50.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/02	9.70	50.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	9.80	50.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	9.45	50.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	9.47	50.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.49	50.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	9.41	50.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	9.92	50.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	10.23	49.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	10.25	49.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	9.61	50.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	9.62	50.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	8.10	52.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
01/27/03	9.38	50.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	4.03	56.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	9.11	51.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	8.70	51.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	9.15	51.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	9.10	51.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/2004**	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/22/04	8.77	51.38																
Well ID		**MW37**		**Casing Elevation:**		**59.65**												
08/14/00	8.81	50.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/29/00	8.02	51.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/08/00	8.05	51.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	9.15	50.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/28/00	9.32	50.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/19/00	9.20	50.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/31/01	8.83	50.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/20/01	8.87	50.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/15/01	8.75	50.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/01	8.67	50.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/01	9.00	50.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.81	50.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/30/01	8.9	50.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/01	9.1	50.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	9.48	50.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	9.65	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/01	9.64	50.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/28/01	9.72	49.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/02	8.77	50.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	9.67	49.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	9.18	50.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	9.05	50.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.05	50.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	9.00	50.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	9.61	50.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**70 (1)**	**100 (1)**	**1 (1)**	**30 (1)**	**70 (1)**	**1 (1)**	**6000 (1)**	**300 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
08/30/02	10.05	49.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	9.97	49.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	6.4	53.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	9.91	49.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	8.91	50.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	9.50	50.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/26/03	9.05	50.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	1
03/28/03	8.80	50.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	8.27	51.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	8.75	50.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	8.80	50.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/2004**	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/22/04	9.13	50.52																

NOTES:

(1) = Groundwater Quality Standard pursuant to N.J.A.C. 7:9-6

TICs = Tentatively identified compounds

(#) = Number of TICs identified

E= value above linear range

D = Dilution factor of 10.

D* = Dilution factor of 5

VOC = Volatile organic compound

ND = Not detected

NA = Data not available

DTW = Depth to Water

NS = Not Sampled

NR = No Record

** = Sampling Discontinued

DD = Dilution factor of 50

TABLE 5
GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - DEEP WELLS
FORT MONMOUTH - CHARLES WOOD AREA
EATONTOWN, NEW JERSEY
All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	chloro-form	Bromo-dichloro-methane	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	Ace-tone	MTBE	VOC TICs	Total VOCs
			1 (1)	1 (1)	70 (1)	100 (1)	2 (1)	70 (1)	1 (1)	75 (1)	600 (1)	600 (1)	6000 (1)	70 (1)	--	--
Well ID		**MW38**		**Casing Elevation:**		**63.50**										
08/15/00	12.13	51.37	ND	ND	ND	ND	ND	2.02	ND	ND	ND	ND	5.35	ND	ND	7.37
08/29/00	12.73	50.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/11/00	13.06	50.44	ND	ND	ND	ND	ND	2.29	ND	ND	ND	ND	ND	ND	ND	2.29
10/25/00	13.00	50.50	ND	ND	ND	ND	ND	1.15	ND	ND	ND	ND	ND	ND	ND	4.41
11/28/00	12.60	50.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/19/00	12.51	50.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/31/01	11.91	51.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/20/01	12.55	50.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/15/01	11.64	51.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/01	11.66	51.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/01	12.36	51.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/21/01	12.09	51.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/30/01	12.65	50.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/01	12.44	51.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	13.63	49.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	14.08	49.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.16
11/27/01	12.28	51.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/31/01	14.33	49.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/30/02	13.69	49.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	13.98	49.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	12.87	50.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	12.85	50.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	13.16	50.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	13.18	50.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	14.24	49.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.91	49.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.83	49.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/02	12.40	51.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/14/02	12.31	51.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/18/02	11.75	51.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/03	12.09	51.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	11.47	52.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.46	52.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	11.11	52.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	11.95	51.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	12.50	51.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/2004**	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/22/04	12.80	50.70														

TABLE 5
GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - DEEP WELLS
FORT MONMOUTH - CHARLES WOOD AREA
EATONTOWN, NEW JERSEY
All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	chloro-form	Bromo-dichloro-methane	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	Ace-tone	MTBE	VOC TICs	Total VOCs
			1 (1)	1 (1)	70 (1)	100 (1)	2 (1)	70 (1)	1 (1)	75 (1)	600 (1)	600 (1)	6000 (1)	70 (1)	--	--
Well ID		**MW39**		**Casing Elevation:**		**62.93**										
08/15/00	12.45	50.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.60	ND	ND	6.60
08/29/00	13.13	49.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/11/00	13.47	49.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/25/00	13.48	49.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/28/00	12.89	50.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/19/00	12.79	50.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/31/01	12.23	50.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/20/01	12.54	50.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/15/01	12.09	50.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/01	12.50	50.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/01	12.87	50.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/21/01	12.62	50.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/30/01	13.15	49.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/01	13.51	49.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	14.06	48.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	14.54	48.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/01	14.76	48.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/31/01	14.77	48.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/30/02	14.20	48.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	14.36	48.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	13.13	49.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	13.16	49.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	13.55	49.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	13.56	49.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	14.69	48.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	14.25	48.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	14.22	48.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/02	12.68	50.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/14/02	12.73	50.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/18/02	12.05	50.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/03	12.86	50.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	11.48	51.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.90	51.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	11.55	51.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	12.35	50.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	9.89	53.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/2004**	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/22/04	13.16	49.77														

TABLE 5
GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - DEEP WELLS
FORT MONMOUTH - CHARLES WOOD AREA
EATONTOWN, NEW JERSEY
All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	chloro-form	Bromo-dichloro-methane	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	Ace-tone	MTBE	VOC TICs	Total VOCs
			1 (1)	1 (1)	70 (1)	100 (1)	2 (1)	70 (1)	1 (1)	75 (1)	600 (1)	600 (1)	6000 (1)	70 (1)	--	--
Well ID		**MW40**		**Casing Elevation:**		**63.77**										
08/15/00	13.1	50.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.94	ND	ND	5.94
08/29/00	13.9	49.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/11/00	14.28	49.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/25/00	14.19	49.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/28/00	13.77	50.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/19/00	13.53	50.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.77	ND	ND	7.77
01/31/01	12.2	51.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/20/01	13.91	49.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/15/01	12.91	50.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/01	12.47	51.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/01	13.37	50.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/21/01	13.36	50.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/30/01	13.75	50.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/01	15.21	48.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	14.7	49.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	15.13	48.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/01	15.35	48.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/31/01	15.4	48.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/30/02	14.73	49.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	15.02	48.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	13.87	49.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	13.88	49.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	14.22	49.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	14.24	49.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	15.32	48.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	14.96	48.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	14.96	48.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/02	13.36	50.41	ND	ND	ND	ND	ND	2.01	ND	ND	ND	ND	ND	ND	ND	2.01
11/14/02	13.59	50.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/18/02	12.87	50.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4	4
01/29/03	13.38	50.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	12.59	51.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	12.63	51.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	12.27	51.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	13.06	50.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	13.57	50.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	12.71	51.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	13.1	50.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 5
GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - DEEP WELLS
FORT MONMOUTH - CHARLES WOOD AREA
EATONTOWN, NEW JERSEY
All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	chloro-form	Bromo-dichloro-methane	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	Ace-tone	MTBE	VOC TICs	Total VOCs
			1 (1)	1 (1)	70 (1)	100 (1)	2 (1)	70 (1)	1 (1)	75 (1)	600 (1)	600 (1)	6000 (1)	70 (1)	--	--
07/15/04	13.51	50.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/04	13.86	49.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/05	13.27	50.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/29/05	12.77	51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/05	13.52	50.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID:		**MW281**			**Casing Elevation:**	**62.37**										
04/22/97	8.90	53.47	17.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.88
07/09/97	12.30	50.07	189.95	ND	2.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	192.4
10/02/97	12.80	49.57	42.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	42.02
01/07/98	10.80	51.57	42.02	10.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.66
04/13/98	10.50	51.87	120.07	ND	1.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	121.48
04/20/98	11.00	51.37	38.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.34
04/27/98	11.17	51.20	49.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.62
05/04/98	10.50	51.87	73.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	73.75
05/19/98	10.27	52.10	78.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	78.56
06/01/98	11.79	50.58	28.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.17
06/16/98	10.84	51.53	60.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60.91
06/29/98	11.31	51.06	58.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	58.89
07/13/98	11.69	50.68	25.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.91
07/27/98	11.72	50.65	29.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.96
08/10/98	12.17	50.20	47.91	ND	1.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	48.94
08/13/98	12.75	49.62	45.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	45.03
08/24/98	11.83	50.54	12.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.17
09/07/98	11.90	50.47	5.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.82
09/21/98	11.99	50.38	17.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.43
10/05/98	12.09	50.28	5.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.09
10/19/98	12.17	50.20	33.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.62
11/12/98	13.52	48.85	2.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.67
11/23/98	13.02	49.35	15.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.47
12/07/98	14.25	48.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/98	NA	NA	6.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.1
12/21/98	13.91	48.46	5.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.27
01/11/99	12.76	49.61	7.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.48
01/25/99	11.84	50.53	4.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.38
02/25/99	11.89	50.48	11.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.56
03/23/99	11.25	51.12	14.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.87
04/29/99	11.89	50.48	15.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.04
05/27/99	12.07	50.30	12.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3 (1)	15.08
06/10/99	12.66	49.71	14.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 (1)	24.71

TABLE 5
GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - DEEP WELLS
FORT MONMOUTH - CHARLES WOOD AREA
EATONTOWN, NEW JERSEY
All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	chloro-form	Bromo-dichloro-methane	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	Ace-tone	MTBE	VOC TICs	Total VOCs
			1 (1)	1 (1)	70 (1)	100 (1)	2 (1)	70 (1)	1 (1)	75 (1)	600 (1)	600 (1)	6000 (1)	70 (1)	--	--
07/15/99	13.09	49.28	5.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.19
08/11/99	13.75	48.62	3.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.29
09/27/99	12.97	49.40	5.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.14
10/13/99	13.25	49.12	4.56	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ND	ND	4.56
11/10/99	12.75	49.62	6.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.19
12/02/99	13.01	49.36	4.67	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ND	ND	4.67
10/13/99	12.94	49.43	4.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.56
11/10/99	12.75	49.62	6.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.19
12/02/99	13.01	49.36	4.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.67
01/12/00	12.29	50.08	4.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.19
02/16/00	11.96	50.41	4.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.67
03/21/00	11.88	50.49	18.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.51
04/27/00	11.58	50.79	7.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.69
05/17/00	12.14	50.23	5.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.51
06/14/00	12.14	50.23	8.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.52
07/31/00	12.09	50.28	6.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.00
08/23/00	12.05	50.32	4.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.06
09/11/00	12.69	49.68	4.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.13
10/25/00	12.71	49.66	2.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.85
11/28/00	12.32	50.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/19/00	11.99	50.38	3.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.78	ND	ND	16.76
01/31/01	11.60	50.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/20/01	11.79	50.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/15/01	12.21	50.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/01	11.15	51.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/01	12.55	49.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/21/01	11.79	50.58	1.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.22
07/30/01	12.30	50.07	4.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.34
08/24/01	12.93	49.44	1.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.19
09/28/01	13.19	49.18	4.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.40
10/31/01	13.65	48.72	5.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.36
11/27/01	13.87	48.50	4.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.74
12/31/01	13.89	48.48	4.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.13
01/30/02	13.20	49.17	1.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.80
02/28/02	13.51	48.86	13.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.80
03/28/02	12.35	50.02	21.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.33
04/30/02	12.36	50.01	26.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.97
05/31/02	12.70	49.67	25.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.32
06/27/02	12.74	49.63	19.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19.5

TABLE 5
GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - DEEP WELLS
FORT MONMOUTH - CHARLES WOOD AREA
EATONTOWN, NEW JERSEY
All analytical results in micrograms per liter (ug/L)

Sampling Date	DTW (feet)	Water Elevation (feet above mean sea level)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	chloro-form	Bromo-dichloro-methane	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	Ace-tone	MTBE	VOC TICs	Total VOCs
			1 (1)	1 (1)	70 (1)	100 (1)	2 (1)	70 (1)	1 (1)	75 (1)	600 (1)	600 (1)	6000 (1)	70 (1)	--	--
07/29/02	13.80	48.57	12.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.13
08/30/02	13.43	48.94	7.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.47
09/30/02	13.38	48.99	6.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.16
10/18/02	11.93	50.44	3.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.26
11/14/02	12.03	50.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/18/02	11.51	50.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/03	11.69	50.68	3.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.64
02/25/03	11.00	51.37	2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3
03/28/03	11.03	51.34	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6
06/26/03	10.69	51.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	11.50	50.87	1.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.74
11/18/03	12.05	50.32	1.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.42
02/11/04	11.14	51.23	3.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.48
05/24/04	11.51	50.86	4.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.44
07/15/04	11.95	50.42	16.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16
10/22/04	12.31	50.06	20.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.5
01/27/05	10.76	51.61	7.38	ND	0.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.67
04/28/05	11.16	51.21	3.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.88
07/22/05	11.96	50.41	21.57	ND	0.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.02

NOTES:

(1) = 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

ANR = Analysis not run
** = Sampling Discontinued

APPENDICES

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. 2700/P&T

Bldg. 2700

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Air Stripper Influent	5027401	Aqueous	25-May-05 13:55	05/25/05
Air Stripper Effluent	5027402	Aqueous	25-May-05 13:50	05/25/05
1st GAC Effluent	5027403	Aqueous	25-May-05 13:45	05/25/05
Final Effluent	5027404	Aqueous	25-May-05 13:40	05/25/05

ANALYSIS:

FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, TCE, PCE, cis-1,2-DCE, TSS, COD

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

6-9-05
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 Envi ımental 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. 2700

Samplers Name / Company : /Handex

Comments:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Remarks / Preservation Method
5027401	Airstripper Influent	5/25/05	1:55	Aq.	2	X								
02	Airstripper Effluent	5/25/05	1:50	Aq.	2		X							
03	1st GAC Effluent	5/25/05	1:45	Aq.	2		X							
04	Final Effluent	5/25/05	1:40	Aq.	2		X							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
V. De Domenico	5/25/05 1535	[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

coc2700.xls11/24/2003

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	VB019559.D	Sample Name	MB 06Jun05
erator	Skelton	Field ID	MB 06Jun05
e 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

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
Acquired	6 Jun 2005 4:05 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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	VB019564.D	Sample Name	5027401
·erator	Skelton	Field ID	AirstripperInfluent
e Acquired	6 Jun 2005 7:30 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	19.55	825930	77.42 ug/L	1	0.28 ug/L	2.00 ug/L	E
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 Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB019583.D	Sample Name	5027401
Operator	Skelton	Field ID	AirstripperInfluent
Date Acquired	7 Jun 2005 8:30 am	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			not detected	70	1.50 ug/L	10.00 ug/L	
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-Buttanone			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			not detected	1	1.00 ug/L	10.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.10 ug/L	10.00 ug/L	
79-01-6	Trichloroethene	19.55	144990	61.31 ug/L	1	1.40 ug/L	10.00 ug/L	D
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			not detected	1000	1.25 ug/L	10.00 ug/L	
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	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			not detected	700	1.40 ug/L	10.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	3.15 ug/L	20.00 ug/L	
95-47-6	o-Xylene			not detected	nle	1.20 ug/L	10.00 ug/L	
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

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

Data File	VB019565.D	Sample Name	5027402
Operator	Skelton	Field ID	AirstripperEffluent
Acquired	6 Jun 2005 8:11 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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\TCEPCE05.CRT

6/8/2005 11:31 AM

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

Data File	VB019566.D	Sample Name	5027403
Operator	Skelton	Field ID	1stGACEffluent
Acquired	6 Jun 2005 8:52 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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\TCEPCE05.CRT

6/8/2005 11:31 AM

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

Data File	VB019567.D	Sample Name	5027404
Operator	Skelton	Field ID	FinalEffluent
Acquired	6 Jun 2005 9:33 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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

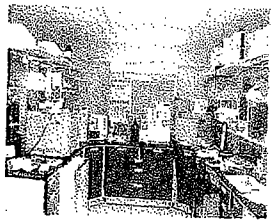
Qualifiers

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

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. 2700/P&T

Bldg. 2700

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Air Stripper Influent	5022401	Aqueous	27-April-05 14:20	04/27/05
Air Stripper Effluent	5022402	Aqueous	27-April-05 14:15	04/27/05
1st GAC Effluent	5022403	Aqueous	27-April-05 14:10	04/27/05
Final Effluent	5022404	Aqueous	27-April-05 14:00	04/27/05

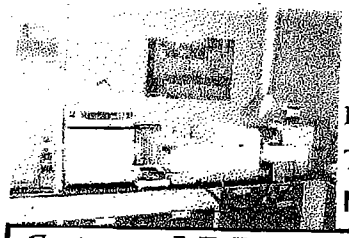
ANALYSIS:

FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, TCE, PCE, cis-1,2-DCE, 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.



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. 2700/Quarterly

Samplers Name / Company : /Handex

Analysis Parameters

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE	TSS	COD					Remarks / Preservation Method
50224 01	Airstripper Influent	4-27-05	2:20	Aq.	2	X								
02	Airstripper Effluent	4-27-05	2:15	Aq.	2		X							
03	1st GAC Effluent	4-27-05	2:10	Aq.	2		X							
04	Final Effluent	4-27-05	2:00	Aq.	4		X	X	X					

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	4/27/05 1540	[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

8- 7-05; 7:41 ;Ft Monmouth Envr Lab ;732 532 6263 # 3

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

Data File	VB019211.D	Sample Name	MB 04May05
Operator	Skelton	Field ID	MB 04May05
Date Acquired	4 May 2005 4:06 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

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

Data File	VB019211.D	Sample Name	MB 04May05
Operator	Skelton	Field ID	MB 04May05
Date Acquired	4 May 2005 4:06 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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	VB019212.D	Sample Name	5022401
Operator	Skelton	Field ID	AirStripperInfluent
Date Acquired	4 May 2005 4:47 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	19.56	228553	16.72 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			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 Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB019213.D**	Sample Name	**5022402**
Operator	**Skelton**	Field ID	**AirStripperEffluent**
Date Acquired	**4 May 2005 5:28 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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	VB019214.D	Sample Name	5022403
Operator	Skelton	Field ID	1stGACEffluent
Date Acquired	4 May 2005 6:09 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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	**VB019215.D**	Sample Name	**5022404**
Operator	**Skelton**	Field ID	**FinalEffluent**
Date Acquired	**4 May 2005 6:49 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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

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

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

Lab ID #: 5022404
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)
5022404	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 #: 5022404
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)
5022404	Final Effluent	ND	10.0

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. 2700 P & T

Bldg.2700

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Airrstripper Influent	5015601	Aqueous	16-Mar-05 14:30	03/16/05
Airstripper Effluent	5015602	Aqueous	16-Mar-05 14:25	03/16/05
1st GAC Effluent	5015603	Aqueous	16-Mar-05 14:20	03/16/05
Final Effluent	5015604	Aqueous	16-Mar-05 14:15	03/16/05

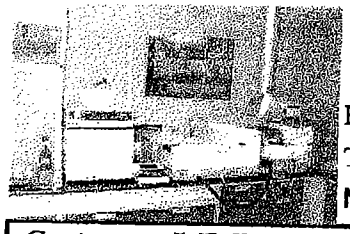
ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, TCE, PCE, cis-1,2-DCE

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. 2700

Samplers Name / Company : /Handex

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Comments: Remarks / Preservation Method
50056 01	Airstripper Influent	3/16/05	2:30	Aq.	2	X								
02	Airstripper Effluent	3/16/05	2:25	Aq.	2		X							
03	1st GAC Effluent	3/16/05	2:20	Aq.	2		X							
04	Final Effluent	3/16/05	2:15	Aq.	4		X							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	3/16/05 1540	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified
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: VB019062.D
Operator: Skelton
Date Acquired: 29 Mar 2005 1:50 pm

Sample Name: MB 29Mar05
Field ID: MB 29Mar05
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

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

Data File	**VB019062.D**	Sample Name	**MB 29Mar05**
Operator	**Skelton**	Field ID	**MB 29Mar05**
Date Acquired	**29 Mar 2005 1:50 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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	VB019070.D	Sample Name	5015601
Operator	Skelton	Field ID	AirStripperInfluent
Date Acquired	29 Mar 2005 7:33 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	19.56	297897	16.94 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	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

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

Data File	**VB019071.D**	Sample Name	**5015602**
Operator	**Skelton**	Field ID	**AirStripperEffluent**
Date Acquired	**29 Mar 2005 8:14 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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	**VB019072.D**	Sample Name	**5015603**
Operator	**Skelton**	Field ID	**1stGACEffluent**
Date Acquired	**29 Mar 2005 8:55 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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	**VB019073.D**	Sample Name	**5015604**
Operator	**Skelton**	Field ID	**FinalEffluent**
Date Acquired	**29 Mar 2005 9:37 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	

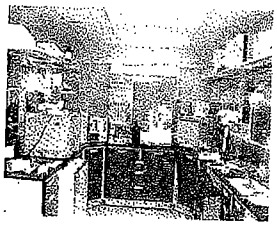
*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

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

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. 2700/P&T

Bldg. 2700

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Air Stripper Influent	5010101	Aqueous	23-Feb-05 10:20	02/23/05
Air Stripper Effluent	5010102	Aqueous	23-Feb-05 10:15	02/23/05
1st GAC Effluent	5010103	Aqueous	23-Feb-05 10:10	02/23/05
Final Effluent	5010104	Aqueous	23-Feb-05 10:05	02/23/05

ANALYSIS:

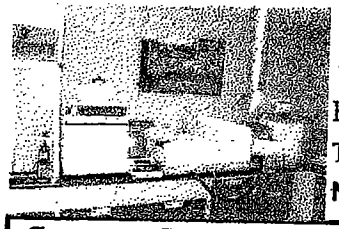
FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, TCE, PCE, cis-1,2-DCE, TSS, COD

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

Project No: Pump and Treat
Location: Bldg. 2700

Samplers Name / Company : Anthony DeDomenico/HANDEX

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Comments: Remarks / Preservation Method
501010 1	Airstripper Influent	2-23-05	10:20	Aq.	2	X								
02	Airstripper Effluent	↓	10:15	Aq.	2		X							
03	1st GAC Effluent	↓	10:10	Aq.	2		X							
04	Final Effluent	↓	10:05	Aq.	4		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:

;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

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

2/25/2005 9:59 AM

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
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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\TCEPCE05.CRT

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

Data File: VB018757.D
Operator: Skelton
Date Acquired: 23 Feb 2005 9:57 pm

Sample Name: 5010101
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	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	19.54	643104	15.69 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	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

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

Data File	VB018758.D	Sample Name	5010102
Operator	Skelton	Field ID	AirStripperEffluent
Date Acquired	23 Feb 2005 10:37 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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\TCEPCE05.CRT

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

Data File	VB018759.D	Sample Name	5010103
Operator	Skelton	Field ID	1stGACEffluent
Date Acquired	23 Feb 2005 11:18 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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\TCEPCE05.CRT

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

Data File	VB018760.D	Sample Name	5010104
Operator	Skelton	Field ID	FinalEffluent
Date Acquired	23 Feb 2005 11:58 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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\TCEPCE05.CRT

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. 2700 P & T

Bldg. 2700 P & T/Quarterly

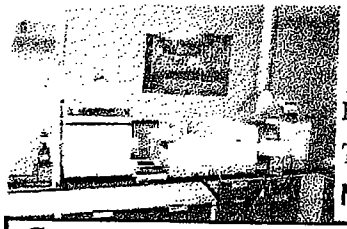
Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Airstripper Influent	5004701	Aqueous	26-Jan-05 13:15	01/26/05
Airstripper Effluent	5004702	Aqueous	26-Jan-05 13:10	01/26/05
1ST GAC Effluent	5004703	Aqueous	26-Jan-05 13:05	01/26/05
Final Effluent	5004704	Aqueous	26-Jan-05 13:00	01/26/05

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
624, TCE,PCE,CIS-1,2-DCE
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. 2700/Quarterly

Samplers Name / Company : /Handex

Analysis Parameters

Comments:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE	TSS	COD					Remarks / Preservation Method
50047 01	Airstripper Influent	1-26-05	1:15	Aq.	2	X								
02	Airstripper Effluent	1-26-05	1:10	Aq.	2		X							
03	1st GAC Effluent	1-26-05	1:05	Aq.	2		X							
04	Final Effluent	1-26-05	1:00	Aq.	4		X	X	X					

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	1/26/05 1515	[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

coc2700.qtr.xls4/20/2004

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

Data File	VB018557.D	Sample Name	5004701
Operator	Skelton	Field ID	AirStripperInfluent
Date Acquired	1 Feb 2005 1:25 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	19.55	495195	13.87 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	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

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

Data File	VB018558.D	Sample Name	5004702
Operator	Skelton	Field ID	AirStripperEffluent
Date Acquired	1 Feb 2005 2:06 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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	VB018559.D	Sample Name	5004703
Operator	Skelton	Field ID	1stGACEffluent
Date Acquired	1 Feb 2005 2:46 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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	VB018560.D	Sample Name	5004704
Operator	Skelton	Field ID	FinalEffluent
Date Acquired	1 Feb 2005 3:28 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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

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

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

Lab ID #: 5004704
Sample Received: 01/26/05
Analysis Start: 01/27/05
Analysis Completed: 01/27/05

Site: Ft. Monmouth
Bldg 2700/ 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)
5004704	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 2700/ 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)
5004704	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. 2700/P&T

Bldg. 2700

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Air Stripper Influent	4084801	Aqueous	17-Dec-04 13:35	12/17/04
Air Stripper Effluent	4084802	Aqueous	17-Dec-04 13:30	12/17/04
1st GAC Effluent	4084803	Aqueous	17-Dec-04 13:25	12/17/04
Final Effluent	4084804	Aqueous	17-Dec-04 13:20	12/17/04

ANALYSIS:

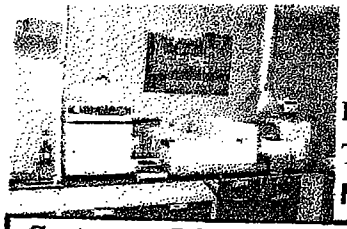
FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, TCE, PCE, cis-1,2-DCE, TSS, COD

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. 2700

Samplers Name / Company : /Handex

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Comments: Remarks / Preservation Method
408848 01	Airstripper Influent	12-17-04	1135	Aq.	2	X								
02	Airstripper Effluent	12-17-04	1130	Aq.	2		X							
03	1st GAC Effluent	12-17-04	1125	Aq.	2		X							
04	Final Effluent	12-17-04	1120	Aq.	4		X							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
G. DeDemenico	12/17/04 1140	[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:

print legibly

Page 1 of 1

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	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

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 28Dec04**

Lab Name: FMETL NJDEP#: 13461

Project: Pump and Case No.: 40848 Location: Bldg27 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
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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	VB018413.D	Sample Name	4084801
Operator	Skelton	Field ID	AirStripper Influent
Date Acquired	28 Dec 2004 4:31 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	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	19.56	357323	13.82 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	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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: AirStripperInfluen

Lab Name: FMETL NJDEP#: 13461

Project: Pump and Case No.: 40848 Location: Bldg27 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4084801

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018413.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	VB018414.D	Sample Name	4084802
Operator	Skelton	Field ID	AirStripper Effluent
Date Acquired	28 Dec 2004 5:13 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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\TCEPCE05.CRT

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

Data File	VB018415.D	Sample Name	4084803
Operator	Skelton	Field ID	1st GAC Effluent
Date Acquired	28 Dec 2004 5:54 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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	VB018416.D	Sample Name	4084804
Operator	Skelton	Field ID	Final Effluent
Date Acquired	28 Dec 2004 6:35 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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

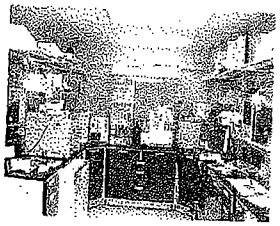
B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

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

C:\HPCHEM\CUSTRPT\VOLATILE\TCEPCE05.CRT

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. 2700/P&T

Bldg. 2700

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Air Stripper Influent	4078501	Aqueous	16-Nov-04 14:15	11/16/04
Air Stripper Effluent	4078502	Aqueous	16-Nov-04 14:10	11/16/04
1st GAC Effluent	4078503	Aqueous	16-Nov-04 14:05	11/16/04
Final Effluent	4078504	Aqueous	16-Nov-04 14:00	11/16/04

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, TCE, PCE, cis-1,2-DCE, TSS, COD

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

12-20-04
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. 2700

Samplers Name / Company : Anthony DeDomenico/HANDEX

Analysis Parameters

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Remarks / Preservation Method
40785 01	Airstripper Influent	11-16-04	14:15	Aq.	2	X								
02	Airstripper Effluent	11-16-04	14:10	Aq.	2		X							
03	1st GAC Effluent	11-16-04	14:05	Aq.	2		X							
04	Final Effluent	11-16-04	14:00	Aq.	~~1~~ 2		X							

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	11-16-04 1520	[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:

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: VB018117.D
Operator: Skelton
Date Acquired: 22 Nov 2004 4:47 pm

Sample Name: MB 22Nov04
Field ID: MB 22Nov04
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

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

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

Data File: **VB018117.D**
Operator: **Skelton**
Date Acquired: **22 Nov 2004 4:47 pm**

Sample Name: **MB 22Nov04**
Field ID: **MB 22Nov04**
Sample Multiplier: **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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\TCEPCE05.CRT

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

Data File	VB018138.D	Sample Name	4078501
Operator	Skelton	Field ID	Airstripper Influent
Date Acquired	23 Nov 2004 7:01 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			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	19.56	320136	19.37 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	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

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

Data File	VB018139.D	Sample Name	4078502
Operator	Skelton	Field ID	Airstripper Effluent
Date Acquired	23 Nov 2004 7:42 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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\TCEPCE05.CRT

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

Data File	VB018140.D	Sample Name	4078503
Operator	Skelton	Field ID	1st GAC Effluent
Date Acquired	23 Nov 2004 8:23 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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\TCEPCE05.CRT

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

Data File	VB018141.D	Sample Name	4078504
Operator	Skelton	Field ID	Final Effluent
Date Acquired	23 Nov 2004 9:03 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.28 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 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

MONITORING REPORT

COMPANY: Ford Monmouth DATE: 10-20-04
STREET ADDRESS: Bldg. # 2700
CITY: Eatontown 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 # 300

SAMPLING POINT	pH (SU)	TIME
FINAL EFFLUENT	6.22	11:15
DUPLICATE	6.20	11:20
* CHECK STANDARD	6.99	11:30

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. N. J.
DATE: 10/25/04

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. 2700/P&T

Bldg. 2700 Quarterly

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Air Stripper Influent	4072701	Aqueous	20-Oct-04 11:35	10/20/04
Air Stripper Effluent	4072702	Aqueous	20-Oct-04 11:30	10/20/04
1st GAC Effluent	4072703	Aqueous	20-Oct-04 11:25	10/20/04
Final Effluent	4072704	Aqueous	20-Oct-04 11:15	10/20/04

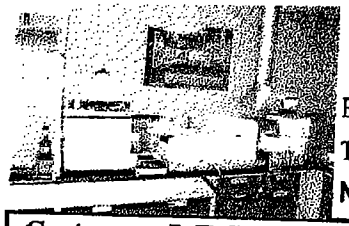
ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, TCE, PCE, cis-1,2-DCE, TSS, COD

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. 2700/Quarterly

Samplers Name / Company : /Handex

Analysis Parameters

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE	TSS	COD					Remarks / Preservation Method
4072701	Airstripper Influent	10-20-04	11:35	Aq.	2	X								
02	Airstripper Effluent	10-20-04	11:30	Aq.	2		X							
03	1st GAC Effluent	10-20-04	11:25	Aq.	2		X							
04	Final Effluent	10-20-04	11:15	Aq.	4		X	X	X					

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	10/20/04 1400	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

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

Remarks:

print legibly

Page ____ of _____

coc2700 ctr ds4/20/2004

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: VB017881.D
Operator: Skelton
Date Acquired: 22 Oct 2004 4:21 pm

Sample Name: MB 22Oct04
Field ID: MB 22Oct04
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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

10/26/2004 9:53 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 22Oct04**

Lab Name: FMETL NJDEP#: 13461

Project: Pump and Case No.: 40727 Location: Bldg27 SDG No.: Quarterly

Matrix: (soil/water) WATER Lab Sample ID: MB 22Oct04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017881.D

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

% Moisture: not dec. _____ Date Analyzed: 10/22/2004

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	VB017881.D	Sample Name	MB 22Oct04
Operator	Skelton	Field ID	MB 22Oct04
Date Acquired	22 Oct 2004 4:21 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 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: VB017882.D
Operator: Skelton
Date Acquired: 22 Oct 2004 5:03 pm

Sample Name: 4072701
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			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	19.56	258238	18.94 ug/L	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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

10/26/2004 9:53 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: AirStripperInfluen

Lab Name: FMETL NJDEP#: 13461

Project: Pump and Case No.: 40727 Location: Bldg27 SDG No.: Quarterly

Matrix: (soil/water) WATER Lab Sample ID: 4072701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017882.D

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

% Moisture: not dec. Date Analyzed: 10/22/2004

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	VB017883.D	Sample Name	4072702
Operator	Skelton	Field ID	AirStripperEffluent
Date Acquired	22 Oct 2004 5:45 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 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	VB017884.D	Sample Name	4072703
Operator	Skelton	Field ID	1stGACEffluent
Date Acquired	22 Oct 2004 6:26 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 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	VB017885.D	Sample Name	4072704
Operator	Skelton	Field ID	FinalEffluent
Date Acquired	22 Oct 2004 7:08 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 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

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 #: 40727
Sample Received: 10/20/04
Analysis Start: 10/26/04
Analysis Completed: 10/26/04

Site: Ft. Monmouth
Bldg 2700/ 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)
4072704	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 #: 40727
Sample Received: 10/20/04
Analysis Start: 11/08/04
Analysis Completed: 11/08/04

Site: Ft. Monmouth
Bldg 2700/ 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)
4072704	Final Effluent	ND	10.0

WELL GAUGE REPORT

CLIENT: TECOM-VINNEL SERVICES CLIENT CODE: 2700
LOCATION: FORT MONMOUTH, BUILDING 2700, CHARLES WOOD SITE HANDEX CODE: 123654
STATE: NJ

MONITORING DATE	WELL TYPE - #	C	PRODUCT DEPTH (feet)	WATER DEPTH (feet)	PRODUCT THICK. (feet)	PRODUCT ELEV. (feet)	GW ELEV. (feet)	CORR GW ELEV. (feet)
12-Oct-2004	RW - 1	P		8.21			54.19	54.19
12-Oct-2004	RW - 2	P		9.35			53.55	53.55
20-Oct-2004	RW - 1	P		7.88			54.52	54.52
20-Oct-2004	RW - 2	P		9.75			53.15	53.15
26-Oct-2004	RW - 1	P		15.05			47.35	47.35
26-Oct-2004	RW - 2	P		13.70			49.20	49.20
04-Nov-2004	RW - 1	P		14.44			47.96	47.96
04-Nov-2004	RW - 2	P		15.80			47.10	47.10
11-Nov-2004	RW - 1	P		11.29			51.11	51.11
11-Nov-2004	RW - 2	P		12.03			50.87	50.87
16-Nov-2004	RW - 1	P		11.29			51.11	51.11
16-Nov-2004	RW - 2	P		12.53			50.37	50.37
24-Nov-2004	RW - 1	P		10.35			52.05	52.05
24-Nov-2004	RW - 2	P		11.69			51.21	51.21
02-Dec-2004	RW - 1	P		10.20			52.20	52.20
02-Dec-2004	RW - 2	P		11.88			51.02	51.02
10-Dec-2004	RW - 1	P		8.05			54.35	54.35
10-Dec-2004	RW - 2	P		9.20			53.70	53.70
17-Dec-2004	RW - 1	P		8.70			53.70	53.70
17-Dec-2004	RW - 2	P		9.90			53.00	53.00
23-Dec-2004	RW - 1	P		9.51			52.89	52.89
23-Dec-2004	RW - 2	P		10.95			51.95	51.95
29-Dec-2004	RW - 1	P		12.11			50.29	50.29
29-Dec-2004	RW - 2	P		11.90			51.00	51.00
06-Jan-2005	RW - 1	P		12.05			50.35	50.35
06-Jan-2005	RW - 2	P		11.95			50.95	50.95
14-Jan-2005	RW - 1	P		10.10			52.30	52.30
14-Jan-2005	RW - 2	P		10.35			52.55	52.55
19-Jan-2005	RW - 1	P		10.90			51.50	51.50

WELL GAUGE REPORT

CLIENT: TECOM-VINNEL SERVICES CLIENT CODE: 2700
LOCATION: FORT MONMOUTH, BUILDING 2700, CHARLES WOOD SITE HANDEX CODE: 123654
STATE: NJ

MONITORING DATE	WELL TYPE - #	C	PRODUCT DEPTH (feet)	WATER DEPTH (feet)	PRODUCT THICK. (feet)	PRODUCT ELEV. (feet)	GW ELEV. (feet)	CORR GW ELEV. (feet)
19-Jan-2005	RW - 2	P		11.15			51.75	51.75
26-Jan-2005	RW - 1	P		10.90			51.50	51.50
26-Jan-2005	RW - 2	P		11.15			51.75	51.75
03-Feb-2005	RW - 1	P		10.72			51.68	51.68
03-Feb-2005	RW - 2	P		11.16			51.74	51.74
07-Feb-2005	RW - 1	P		11.37			51.03	51.03
07-Feb-2005	RW - 2	P		12.65			50.25	50.25
18-Feb-2005	RW - 1	P		10.70			51.70	51.70
18-Feb-2005	RW - 2	P		12.51			50.39	50.39
23-Feb-2005	RW - 1	P		10.85			51.55	51.55
23-Feb-2005	RW - 2	P		13.20			49.70	49.70
02-Mar-2005	RW - 1	P		8.40			54.00	54.00
02-Mar-2005	RW - 2	P		10.10			52.80	52.80
11-Mar-2005	RW - 1	P		10.80			51.60	51.60
11-Mar-2005	RW - 2	P		13.21			49.69	49.69
16-Mar-2005	RW - 1	P		10.47			51.93	51.93
16-Mar-2005	RW - 2	P		13.44			49.46	49.46
23-Mar-2005	RW - 1	P		9.71			52.69	52.69
23-Mar-2005	RW - 2	P		12.00			50.90	50.90
31-Mar-2005	RW - 1	P		9.31			53.09	53.09
31-Mar-2005	RW - 2	P		11.45			51.45	51.45
07-Apr-2005	RW - 1	P		10.55			51.85	51.85
07-Apr-2005	RW - 2	P		12.51			50.39	50.39
12-Apr-2005	RW - 1	P		10.90			51.50	51.50
12-Apr-2005	RW - 2	P		13.00			49.90	49.90
22-Apr-2005	RW - 1	P		10.59			51.81	51.81
22-Apr-2005	RW - 2	P		13.47			49.43	49.43
27-Apr-2005	RW - 1	P		10.90			51.50	51.50
27-Apr-2005	RW - 2	P		14.41			48.49	48.49

WELL GAUGE REPORT

CLIENT: TECOM-VINNEL SERVICES CLIENT CODE: 2700
LOCATION: FORT MONMOUTH, BUILDING 2700, CHARLES WOOD SITE HANDEX CODE: 123654
STATE: NJ

MONITORING DATE	WELL TYPE - #	C	PRODUCT DEPTH (feet)	WATER DEPTH (feet)	PRODUCT THICK. (feet)	PRODUCT ELEV. (feet)	GW ELEV. (feet)	CORR GW ELEV. (feet)
04-May-2005	RW - 1	P		9.80			52.60	52.60
04-May-2005	RW - 2	P		12.53			50.37	50.37
13-May-2005	RW - 1	P		10.54			51.86	51.86
13-May-2005	RW - 2	P		14.30			48.60	48.60
18-May-2005	RW - 1	P		10.04			52.36	52.36
18-May-2005	RW - 2	P		13.10			49.80	49.80
25-May-2005	RW - 1	P		9.65			52.75	52.75
25-May-2005	RW - 2	P		13.40			49.50	49.50

"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

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

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: CW-1

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
4073504	CW1MW026	29-32590	10/22/04
4073505	CW1MW027	29-32591	10/22/04
4073506	CW1MW028	29-32592	10/22/04
4073507	CW1MW029	29-32593	10/22/04
4073508	CW1MW030	29-43188	10/22/04
4073509	CW1MW031	29-43189	10/22/04
4073510	CW1MW032	29-43190	10/22/04
4073511	CW1MW034	29-43192	10/22/04
4073512	CW1MW035	29-43193	10/22/04
4073513	CW1MW040	29-43187	10/22/04
4073514	CW1MW281	29-35312	10/22/04
4073515	CW1MW291	29-35314	10/22/04

NJDEP Laboratory Certification # 13461

11-10-04
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.

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 #: 826223
( )DERA ( )OMA ( )Other: _____

Project No:
Location: CWI Wells
4th Qrtr '04

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters

Comments: HCl/HNO3 /<4°C

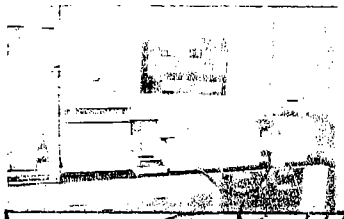
LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15							Hnu Read	Remarks / Preservation Method
40735, 01	Trip	10/22/04	0739	AQ	2	✓							—	
02	Field Blank		1000		2	✓							—	
03	Dupe		—		2	✓							—	
04	CWI MW26		1019		2	✓							0.0	29-32590
05	CWI MW27		1023			✓							0.0	29-32591
06	CWI MW28		1119			✓							0.0	29-32592
07	CWI MW29		1123			✓							0.0	29-32593
08	CWI MW30		1111			✓							0.0	29-43188
09	CWI MW31		1107			✓							0.0	29-43189
10	CWI MW32		1100			✓							0.0	29-43190
11	CWI MW34		1337			✓							0.0	29-43192
12	CWI MW35		1320			✓							0.0	29-43193
13	CWI MW40		1117			✓							0.0	29-43187
14	CWI MW281		1037			✓							0.0	29-35312

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	10/22/04 1450	J Kerner			
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: N/A

print legibly



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: Cwi wells 4th Qrtr '04

Samplers Name / Company: Corey McConnach, TVS

Analysis Parameters

Comments:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTS							Hnu Read	Remarks / Preservation Method
40735.15	Cwi MW 291	10/22/04	1157	AQ	2	✓							0.0	29-35314

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McConnach	10/22/04 1430	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:
Tide: N/A

LTM Depth to Water

Location: CW1
Date: 10/22/04

Well	NJDEP Well ID	Depth of Well	Well Diameter	Depth to Water
		Feet	Inch	Feet
CW1MW026	29-32590	16.89	4	11.15
CW1MW027	29-32591	16.89	4	11.05
CW1MW028	29-32592	14.47	4	10.71
CW1MW029	29-32593	14.53	4	10.2
CW1MW281	29-32512	43.2	4	12.31
CW1MW282	29-32513	17.95	4	9.72
CW1MW291	29-32514	18.18	4	12.06
CW1MW030	29-43188	21.45	4	11.29
CW1MW031	29-43189	21.73	4	11.45
CW1MW032	29-43190	21.8	4	12.03
CW1MW033	29-43191	23	4	11.81
CW1MW034	29-43192	19.46	4	8.93
CW1MW035	29-43193	16.48	4	8.51
CW1MW036	29-43194	16.28	4	8.771
CW1MW037	29-43195	13.21	4	9.13
CW1MW038	29-43186	51.75	4	12.8
CW1MW039	29-43185	49.69	4	13.16
CW1MW040	29-43187	48.5	4	13.86

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW026
NJDEP ID #: 29-32590
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/22/04
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.15 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 5.74 ft
(5.74) X .65 X 3 = 11.19
GALLONS OF H_2O TO BE PURGED: 11 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: 09:30
pH 5.55 su — TEMP 17.67 °C
DISSOLVED O_2 3.20 mg/L — SPECIFIC CONDUCTIVITY 2714.0 µs/cm

PURGE END TIME: 10:18
pH 5.20 su — TEMP 17.31 °C
DISSOLVED O_2 1.37 mg/L — SPECIFIC CONDUCTIVITY 1760.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.92 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 11 gal

SAMPLE START TIME: 10:19
pH 5.17 su — TEMP 17.30 °C
DISSOLVED O_2 1.36 mg/L — SPECIFIC CONDUCTIVITY 1760.0.0 µs/cm

SAMPLE END TIME: 10:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW027
NJDEP ID #: 29-32591
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/22/04
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.05 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 5.84 ft
(5.84) X .65 X 3 = 11.38
GALLONS OF H_2O TO BE PURGED: 11 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: 09:34
pH 5.20 su — TEMP 17.29 °C
DISSOLVED O_2 3.17 mg/L — SPECIFIC CONDUCTIVITY 1817.0 µs/cm

PURGE END TIME: 10:22
pH 4.91 su — TEMP 17.01 °C
DISSOLVED O_2 2.00 mg/L — SPECIFIC CONDUCTIVITY 1921.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.45 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 11 gal

SAMPLE START TIME: 10:23
pH 4.92 su — TEMP 17.01 °C
DISSOLVED O_2 1.97 mg/L — SPECIFIC CONDUCTIVITY 1920.0 µs/cm

SAMPLE END TIME: 10:24

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW028
NJDEP ID #: 29-32592
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/22/04
WEATHER: Cloudy and cold..
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.71 ft
DEPTH OF WELL: 16.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.22 ft
(6.22) X .65 X 3 = 12.12
GALLONS OF H_2O TO BE PURGED: 12 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: 10:26
pH 5.63 su — TEMP 17.64 °C
DISSOLVED O_2 2.91 mg/L — SPECIFIC CONDUCTIVITY 1760.0 µs/cm

PURGE END TIME: 11:18
pH 5.21 su — TEMP 17.21 °C
DISSOLVED O_2 1.76 mg/L — SPECIFIC CONDUCTIVITY 1921.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.86 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 12 gal

SAMPLE START TIME: 11:19
pH 5.22 su — TEMP 17.20 °C
DISSOLVED O_2 1.75 mg/L — SPECIFIC CONDUCTIVITY 1922.0 µs/cm

SAMPLE END TIME: 11:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW029
NJDEP ID #: 29-32593
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/22/04
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.20 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.67 ft
(6.67) X .65 X 3 = 13.00
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: 10:27
pH 6.11 su — TEMP 17.63 °C
DISSOLVED O_2 3.17 mg/L — SPECIFIC CONDUCTIVITY 1811.0 µs/cm

PURGE END TIME: 11:22
pH 6.01 su — TEMP 17.27 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 1921.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.40 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 13 gal

SAMPLE START TIME: 11:23
pH 6.00 su — TEMP 17.28 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 1922.0 µs/cm

SAMPLE END TIME: 11:24

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW030
NJDEP ID #: 29-43188
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/22/04
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.29 ft
DEPTH OF WELL: 21.45 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.16 ft
(10.16) X .65 X 3 = 19.81
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: 09:43
pH 5.00 su — TEMP 17.27 °C
DISSOLVED O_2 3.21 mg/L — SPECIFIC CONDUCTIVITY 1901.0 µs/cm

PURGE END TIME: 11:10
pH 4.81 su — TEMP 17.17 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 1987 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.56 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 11:11
pH 4.83 su — TEMP 17.17 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 1986.0 µs/cm

SAMPLE END TIME: 11:12

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW031
NJDEP ID #: 29-43189
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/22/04
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.45 ft
DEPTH OF WELL: 21.73 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.28 ft
(10.28) X .65 X 3 = 20.04
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: 09:40
pH 5.71 su — TEMP 17.81 °C
DISSOLVED O_2 2.91 mg/L — SPECIFIC CONDUCTIVITY 1631.0 µs/cm

PURGE END TIME: 11:06
pH 5.20 su — TEMP 17.28 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 1811.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.78 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 11:07
pH 5.17 su — TEMP 17.29 °C
DISSOLVED O_2 2.16 mg/L — SPECIFIC CONDUCTIVITY 1820.0 µs/cm

SAMPLE END TIME: 11:08

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW032
NJDEP ID #: 29-43190
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/22/04
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 12.03 ft
DEPTH OF WELL: 21.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.77 ft
(9.77) X .65 X 3 = 19.05
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: 09:37
pH 5.20 su — TEMP 18.11 °C
DISSOLVED O_2 2.57 mg/L — SPECIFIC CONDUCTIVITY 1801.0 µs/cm

PURGE END TIME: 10:59
pH 5.39 su — TEMP 17.87 °C
DISSOLVED O_2 2.00 mg/L — SPECIFIC CONDUCTIVITY 1704.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.25 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 11:00
pH 5.40 su — TEMP 17.86 °C
DISSOLVED O_2 1.97 mg/L — SPECIFIC CONDUCTIVITY 1707.0 µs/cm

SAMPLE END TIME: 11:01

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW034
NJDEP ID #: 29-43192
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/22/04
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.93 ft
DEPTH OF WELL: 19.46 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.53 ft
(10.53) X .65 X 3 = 20.53
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: 12:05
pH 5.37 su — TEMP 17.71 °C
DISSOLVED O_2 3.11 mg/L — SPECIFIC CONDUCTIVITY 1763.0 µs/cm

PURGE END TIME: 13:36
pH 5.19 su — TEMP 17.20 °C
DISSOLVED O_2 2.00 mg/L — SPECIFIC CONDUCTIVITY 1911.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.09 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 13:37
pH 5.17 su — TEMP 17.21 °C
DISSOLVED O_2 2.00 mg/L — SPECIFIC CONDUCTIVITY 1912.0 µs/cm

SAMPLE END TIME: 13:38

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW035
NJDEP ID #: 29-43193
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/22/04
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.51 ft
DEPTH OF WELL: 16.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.97 ft
(7.97) X .65 X 3 = 15.54
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: 12:10
pH 5.39 su — TEMP 17.67 °C
DISSOLVED O_2 3.92 mg/L — SPECIFIC CONDUCTIVITY 1980.0 µs/cm

PURGE END TIME: 13:19
pH 5.11 su — TEMP 17.21 °C
DISSOLVED O_2 2.00 mg/L — SPECIFIC CONDUCTIVITY 2007.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.63 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 13:20
pH 5.09 su — TEMP 17.20 °C
DISSOLVED O_2 1.98 mg/L — SPECIFIC CONDUCTIVITY 2010.0 µs/cm

SAMPLE END TIME: 13:21

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW040
NJDEP ID #: 29-43187
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/22/04
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 13.88 ft
DEPTH OF WELL: 48.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 34.64 ft
(34.64) X .65 X 3 = 67.54
GALLONS OF H_2O TO BE PURGED: 68 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 2.00 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:42
pH 5.55 su
DISSOLVED O_2 3.21 mg/L
TEMP 17.65 °C
SPECIFIC CONDUCTIVITY 1971.0 µs/cm

PURGE END TIME: 11:16
pH 5.27 su
DISSOLVED O_2 2.10 mg/L
TEMP 17.20 °C
SPECIFIC CONDUCTIVITY 2140.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 15.71 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 68 gal

SAMPLE START TIME: 11:17
pH 5.30 su
DISSOLVED O_2 2.07 mg/L
TEMP 17.21 °C
SPECIFIC CONDUCTIVITY 2139.0 µs/cm

SAMPLE END TIME: 11:18

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW281
NJDEP ID #: 29-35312
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/22/04
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 12.31 ft
DEPTH OF WELL: 43.20 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 30.89 ft
(30.89) X .65 X 3 = 60.23
GALLONS OF H_2O TO BE PURGED: 60 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 1.96 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:05
pH 5.67 su — TEMP 17.61 °C
DISSOLVED O_2 3.17 mg/L — SPECIFIC CONDUCTIVITY 1876.0 µs/cm

PURGE END TIME: 10:36
pH 5.31 su — TEMP 17.31 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 1921.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.71 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 60 gal

SAMPLE START TIME: 10:37
pH 5.30 su — TEMP 17.30 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 1922.0 µs/cm

SAMPLE END TIME: 10:38

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW291
NJDEP ID #: 29-35314
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 10/22/04
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 12.06 ft
DEPTH OF WELL: 18.18 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.12 ft
(6.12) X .65 X 3 = 11.93
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: 11:04
pH 5.61 su — TEMP 17.77 °C
DISSOLVED O_2 3.27 mg/L — SPECIFIC CONDUCTIVITY 1276.0 µs/cm

PURGE END TIME: 11:56
pH 5.22 su — TEMP 17.21 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 1311.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.79 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 12 gal

SAMPLE START TIME: 11:57
pH 5.23 su — TEMP 17.20 °C
DISSOLVED O_2 2.06 mg/L — SPECIFIC CONDUCTIVITY 1312.0 µs/cm

SAMPLE END TIME: 11:58

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	VB017932.D	Sample Name	MB 27Oct04
Operator	Skelton	Field ID	MB 27Oct04
Date Acquired	27 Oct 2004 1:22 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: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

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: 10/22/2004

% 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	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 27Oct04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 27Oct04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017932.D

Level: (low/med) LOW Date Received: 10/22/2004

% Moisture: not dec. Date Analyzed: 10/27/2004

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	**VB017923.D**	Sample Name	**4073501**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**26 Oct 2004 7:45 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	16.66	32560	1.02 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: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4073501

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017923.D

Level: (low/med) LOW Date Received: 10/22/2004

% 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	VB017924.D	Sample Name	4073502
Operator	Skelton	Field ID	Field Blank
Date Acquired	26 Oct 2004 8:26 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	16.66	28125	0.90 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: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4073502

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017924.D

Level: (low/med) LOW Date Received: 10/22/2004

% 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	VB017925.D	Sample Name	4073503
Operator	Skelton	Field ID	Dupe
Date Acquired	26 Oct 2004 9:07 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			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: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4073503

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017925.D

Level: (low/med) LOW Date Received: 10/22/2004

% 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	VB017940.D	Sample Name	4073504
Operator	Skelton	Field ID	CW1MW26
Date Acquired	27 Oct 2004 6:54 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	26.84	43587	0.70 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: **CW1MW26**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4073504

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017940.D

Level: (low/med) LOW Date Received: 10/22/2004

% Moisture: not dec. Date Analyzed: 10/27/2004

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	VB017941.D	Sample Name	4073505
Operator	Skelton	Field ID	CW1MW27
Date Acquired	27 Oct 2004 7:35 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: **CW1MW27**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4073505

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017941.D

Level: (low/med) LOW Date Received: 10/22/2004

% Moisture: not dec. _____ Date Analyzed: 10/27/2004

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	VB017942.D	Sample Name	4073506
Operator	Skelton	Field ID	CW1MW28
Date Acquired	27 Oct 2004 8:15 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: **CW1MW28**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4073506

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017942.D

Level: (low/med) LOW Date Received: 10/22/2004

% Moisture: not dec. Date Analyzed: 10/27/2004

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	VB017943.D	Sample Name	4073507
Operator	Skelton	Field ID	CW1MW29
Date Acquired	27 Oct 2004 8:56 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: **CW1MW29**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4073507

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017943.D

Level: (low/med) LOW Date Received: 10/22/2004

% Moisture: not dec. _____ Date Analyzed: 10/27/2004

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	VB017955.D	Sample Name	4073514
Operator	Skelton	Field ID	CW1MW281
Date Acquired	28 Oct 2004 8:32 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			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	19.56	267807	16.03 ug/L	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: **CW1MW281**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4073514

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017955.D

Level: (low/med) LOW Date Received: 10/22/2004

% Moisture: not dec. _____ Date Analyzed: 10/28/2004

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	VB017956.D	Sample Name	4073515
Operator	Skelton	Field ID	CW1MW291
Date Acquired	28 Oct 2004 9:14 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			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: **CW1MW291**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4073515

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017956.D

Level: (low/med) LOW Date Received: 10/22/2004

% Moisture: not dec. Date Analyzed: 10/28/2004

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.70	6	J

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

Data File	VB017944.D	Sample Name	4073508
Operator	Skelton	Field ID	CW1MW30
Date Acquired	27 Oct 2004 9:36 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	12.84	35429	1.31 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			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: **CW1MW30**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4073508

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017944.D

Level: (low/med) LOW Date Received: 10/22/2004

% Moisture: not dec. Date Analyzed: 10/27/2004

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	VB017950.D	Sample Name	4073509
Operator	Skelton	Field ID	CW1MW31
Date Acquired	28 Oct 2004 1:40 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			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: **CW1MW31**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4073509

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017950.D

Level: (low/med) LOW Date Received: 10/22/2004

% Moisture: not dec. _____ Date Analyzed: 10/28/2004

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	VB017951.D	Sample Name	4073510
Operator	Skelton	Field ID	CW1MW32
Date Acquired	28 Oct 2004 2:20 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			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: **CW1MW32**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4073510

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017951.D

Level: (low/med) LOW Date Received: 10/22/2004

% Moisture: not dec. _____ Date Analyzed: 10/28/2004

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	VB017952.D	Sample Name	4073511
Operator	Skelton	Field ID	CW1MW34
Date Acquired	28 Oct 2004 3:01 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			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: **CW1MW34**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4073511

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017952.D

Level: (low/med) LOW Date Received: 10/22/2004

% Moisture: not dec. Date Analyzed: 10/28/2004

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	VB017953.D	Sample Name	4073512
Operator	Skelton	Field ID	CW1MW35
Date Acquired	28 Oct 2004 3:42 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			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: **CW1MW35**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4073512

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017953.D

Level: (low/med) LOW Date Received: 10/22/2004

% Moisture: not dec. Date Analyzed: 10/28/2004

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	VB017954.D	Sample Name	4073513
Operator	Skelton	Field ID	CW1MW40
Date Acquired	28 Oct 2004 7:50 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			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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

11/8/2004 4:06 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW40**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40735 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4073513

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017954.D

Level: (low/med) LOW Date Received: 10/22/2004

% Moisture: not dec. Date Analyzed: 10/28/2004

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

	Lab	1,1,1-Tri chloro ethane	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	30	-								-
04/23/1997	FMETL	ND	8.60								V,S,P,M
07/07/1997	FMETL	ND	8.98								V,S,P,M
10/01/1997	FMETL	ND	9.45								V,S,P,M
01/06/1998	FMETL	ND	9.05								V,S,P,M
06/16/1998	FMETL	ND	8.61								V,S,P,M
08/13/1998	FMETL	ND	9.16								V,S,P,M
12/15/1998	FMETL	ND	10.18								V,S,P,M
03/23/1999	FMETL	ND	9.07								V,S,P,M
05/27/1999	FMETL	ND	9.42								V,S,P,M
08/11/1999	FMETL	ND	9.89								V,S,P,M
11/10/1999	FMETL	ND	9.70								V,S,P,M
02/16/2000	FMETL	ND	9.44								V,S,P,M
05/17/2000	FMETL	ND	9.35								V,S,P,M
08/23/2000	FMETL	ND	9.16								V,S,P,M
11/27/2000	FMETL	ND	9.64								V,S,P,M
11/27/2000D	FMETL	ND	9.64								V,S,P,M
02/15/2001	FMETL	ND	8.98								V,S,P,M
02/15/2001D	FMETL	ND	8.98								V,S,P,M
05/24/2001	FMETL	ND	9.06								V,S,P,M
08/22/2001	FMETL	ND	9.38								V,S,P,M
11/16/2001	FMETL	1.71	10.05								V,S,P,M
02/28/2002	FMETL	ND	10.33								V,S,P,M
05/31/2002	FMETL	ND	9.81								V,S,P,M
09/30/2002	FMETL	ND	13.90								V,S,P,M
11/12/2002	FMETL	ND	12.58								V,S,P,M
02/25/2003	FMETL	ND	10.85								V,S,P,M
06/26/2003	FMETL	ND	10.38								V
08/06/2003	FMETL	ND	9.88								V
11/18/2003	FMETL	ND	9.10								V
02/11/2004	FMETL	ND	10.74								V,M
05/24/2004	FMETL	ND	11.15								V
07/15/2004	FMETL	ND	11.15								V
10/22/2004	FMETL	ND	11.15								V

SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 10/22/2004

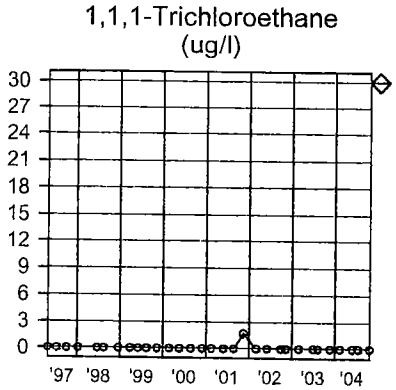
NOTES:

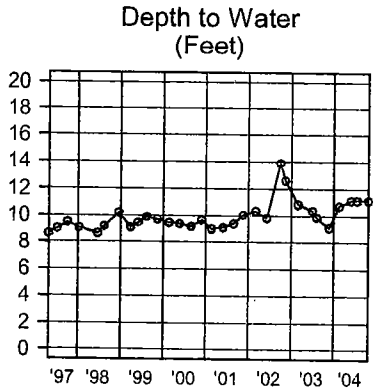
FORT MONMOUTH

GW MONITORING
CW-1

Source 1 of 18

Ag > GW Criteria in blank for samples taken 7/97.





SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 10/22/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 1 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

	Lab	1,1-Di chloro ethene	Trichloro ethene	1,1,1-Tri chloro ethane	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	2	1	30	-						-
04/23/1997	FMETL	ND	ND	ND	8.60						V,S,P,M
07/07/1997	FMETL	ND	ND	ND	9.00						V,S,P,M
10/01/1997	FMETL	ND	ND	ND	9.50						V,S,P,M
01/06/1998	FMETL	ND	ND	ND	8.95						V,S,P,M
06/16/1998	FMETL	ND	ND	ND	8.38						V,S,P,M
08/13/1998	FMETL	ND	ND	ND	8.98						V,S,P,M
12/15/1998	FMETL	ND	ND	ND	10.13						V,S,P,M
03/23/1999	FMETL	ND	ND	ND	8.93						V,S,P,M
05/27/1999	FMETL	ND	ND	ND	9.30						V,S,P,M
08/11/1999	FMETL	ND	ND	ND	9.84						V,S,P,M
11/10/1999	FMETL	ND	ND	ND	9.66						V,S,P,M
02/16/2000	FMETL	ND	ND	ND	9.37						V,S,P,M
05/17/2000	FMETL	ND	ND	ND	9.24						V,S,P,M
08/23/2000	FMETL	ND	1.46	ND	9.52						V,S,P,M
11/27/2000	FMETL	ND	ND	ND	9.58						V,S,P,M
02/15/2001	FMETL	ND	ND	ND	8.84						V,S,P,M
05/24/2001	FMETL	ND	ND	ND	8.89						V,S,P,M
08/22/2001	FMETL	ND	ND	ND	9.20						V,S,P,M
11/16/2001	FMETL	ND	ND	3.06	10.00						V,S,P,M
02/28/2002	FMETL	ND	7.14	4.48	10.25						V,S,P,M
05/31/2002	FMETL	ND	ND	ND	9.70						V,S,P,M
09/30/2002	FMETL	ND	ND	ND	13.77						V,S,P,M
11/12/2002	FMETL	ND	ND	ND	12.48						V,S,P,M
02/25/2003	FMETL	ND	ND	ND	10.52						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	10.25						V,S,P,M
08/06/2003	FMETL	ND	ND	1.11	9.62						V
11/18/2003	FMETL	0.67	ND	4.21	8.91						V
02/11/2004	FMETL	ND	ND	0.48	10.54						V
05/24/2004	FMETL	ND	ND	ND	11.04						V,M
07/15/2004	FMETL	ND	ND	ND	11.05						V
10/22/2004	FMETL	ND	ND	ND	11.05						V

SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 10/22/2004

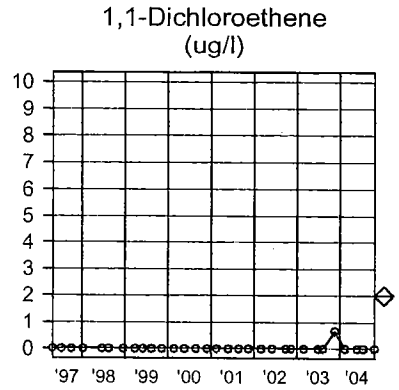
NOTES:

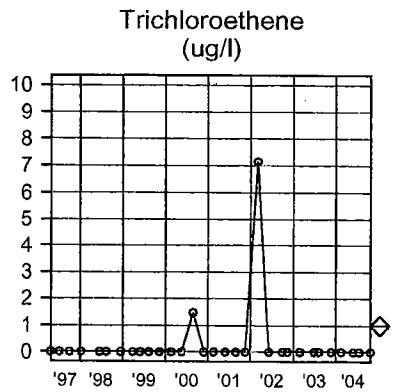
FORT MONMOUTH

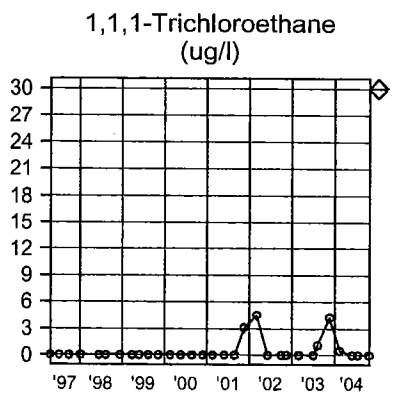
GW MONITORING
CW-1

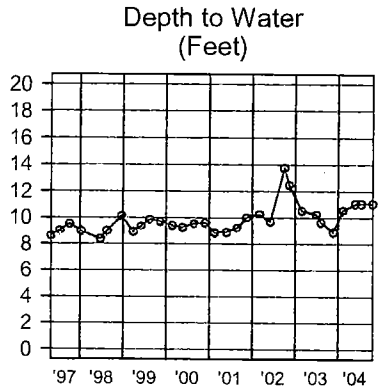
Source 2 of 18

Ag > GW Criteria in blank for samples taken 7/97.









SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 10/22/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 2 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

	Lab	Trichloro ethene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	10	30	-						-
04/23/1997	FMETL	ND	ND	ND	9.05						V,S,P,M
07/07/1997	FMETL	ND	ND	ND	9.20						V,S,P,M
10/01/1997	FMETL	59.4	ND	ND	9.70						V,S,P,M
01/06/1998	FMETL	27.7	ND	ND	9.40						V,S,P,M
06/16/1998	FMETL	ND	ND	ND	8.84						V,S,P,M
08/13/1998	FMETL	ND	ND	ND	9.51						V,S,P,M
12/15/1998	FMETL	33.9	ND	ND	10.63						V,S,P,M
03/23/1999	FMETL	7.15	ND	ND	9.38						V,S,P,M
05/27/1999	FMETL	3.10	ND	ND	9.79						V,S,P,M
08/11/1999	FMETL	297.82	1.59	ND	10.32						V,S,P,M
11/10/1999	FMETL	174.48	25.4	ND	10.13						V,S,P,M
02/16/2000	FMETL	103.32	4.24	ND	9.84						V,S,P,M
05/17/2000	FMETL	8.48	ND	ND	9.75						V,S,P,M
08/23/2000	FMETL	43.36	ND	ND	9.06						V,S,P,M
11/27/2000	FMETL	70.95	ND	ND	10.02						V,S,P,M
02/15/2001	FMETL	9.23	ND	ND	9.31						V,S,P,M
05/24/2001	FMETL	ND	ND	2.83	9.36						V,S,P,M
08/22/2001	FMETL	3.32	ND	ND	9.77						V,S,P,M
11/16/2001	FMETL	26.20	ND	ND	10.49						V,S,P,M
09/30/2002	FMETL	ND	ND	ND	13.62						V
06/26/2003	FMETL	ND	ND	ND	10.11						V
08/06/2003	FMETL	1.18	ND	ND	7.95						V
11/18/2003	FMETL	2.08	ND	ND	7.98						V
02/11/2004	FMETL	ND	ND	ND	9.88						V,M
05/24/2004	FMETL	ND	ND	ND	10.65						V
07/15/2004	FMETL	ND	ND	ND	10.58						V
10/22/2004	FMETL	ND	ND	ND	10.71						V

SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 10/22/2004

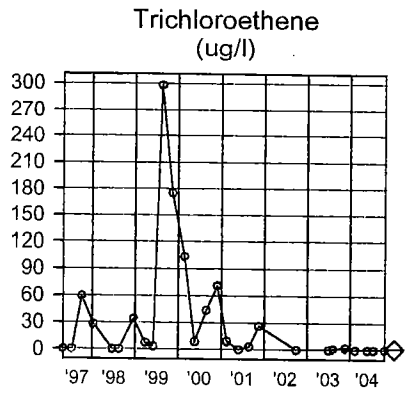
NOTES:

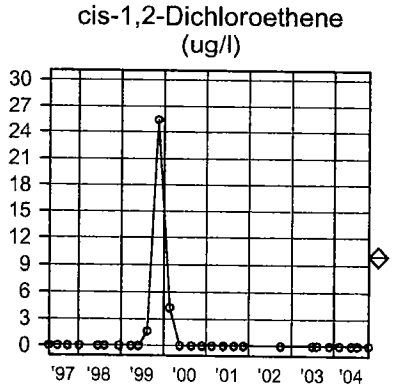
FORT MONMOUTH

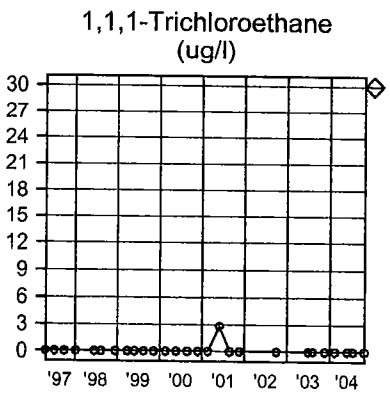
GW MONITORING
CW-1

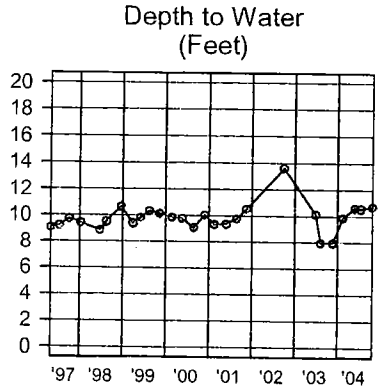
Source 3 of 18

Ag > GW Criteria in blank for samples taken 7/97.









SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 10/22/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 3 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	trans-1,2-Dichloro ethene	Tetrachloro ethene	1,1,1-Tri chloro ethane	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	1	9	10	100	1	30	-			-
04/23/1997	FMETL	3200	1.55	47	ND	1.74	ND	8.90			V,S,P,M
07/07/1997	FMETL	4900	ND	92	ND	7.75	ND	9.30			V,S,P,M
10/01/1997	FMETL	7820	ND	290	ND	5.75	ND	9.98			V,S,P,M
01/06/1998	FMETL	1705	ND	67	ND	ND	ND	9.10			V,S,P,M
06/16/1998	FMETL	83.11	ND	11.97	ND	ND	ND	8.67			V,S,P,M
08/13/1998	FMETL	498	3.98	88	ND	ND	ND	9.26			V,S,P,M
12/12/1998	FMETL	374.58	ND	161.61	ND	ND	ND	10.30			V,S,P,M
03/23/1999	FMETL	1342	4.27	126.68	ND	ND	ND	9.90			V,S,P,M
05/27/1999	FMETL	950.05	5.08	75.55	ND	ND	ND	9.59			V,S,P,M
08/11/1999	FMETL	288.11	ND	523.43	ND	ND	ND	10.00			V,S,P,M
11/10/1999	FMETL	62.96	5.44	746.30	ND	ND	ND	9.81			V,S,P,M
02/16/2000	FMETL	41.51	1.67	175.38	ND	ND	ND	9.54			V,S,P,M
05/17/2000	FMETL	357.72	2.10	186.08	5.20	ND	ND	9.47			V,S,P,M
08/23/2000	FMETL	263.49	2.21	352.10	ND	ND	ND	9.24			V,S,P,M
11/27/2000	FMETL	54.06	ND	96.55	ND	ND	ND	9.71			V,S,P,M
02/15/2001	FMETL	1951.41	ND	250.62	ND	ND	ND	9.09			V,S,P,M
05/24/2001	FMETL	470.48	1.50	66.54	3.72	ND	ND	9.14			V,S,P,M
08/22/2001	FMETL	2040.65	1.77	340.29	ND	ND	ND	9.44			V,S,P,M
11/16/2001	FMETL	67.36	ND	118.26	ND	ND	3.02	10.08			V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	ND	ND	12.91			V
06/26/2003	FMETL	ND	ND	ND	ND	ND	ND	9.63			V
08/06/2003	FMETL	ND	ND	ND	ND	ND	ND	7.55			V
11/18/2003	FMETL	ND	ND	ND	ND	ND	ND	7.85			V
02/11/2004	FMETL	ND	ND	ND	ND	ND	ND	9.45			V,M
05/24/2004	FMETL	7.17	ND	ND	ND	ND	ND	10.45			V
07/15/2004	FMETL	17.49	ND	ND	ND	ND	ND	9.82			V
10/22/2004	FMETL	ND	ND	ND	ND	ND	ND	10.2			V

SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 10/22/2004

NOTES:

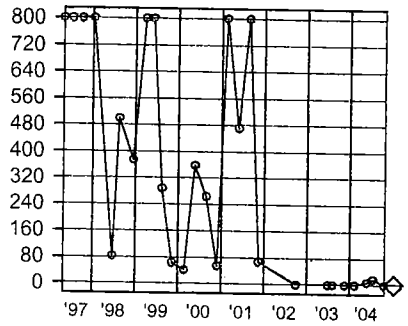
FORT MONMOUTH

GW MONITORING
CW-1

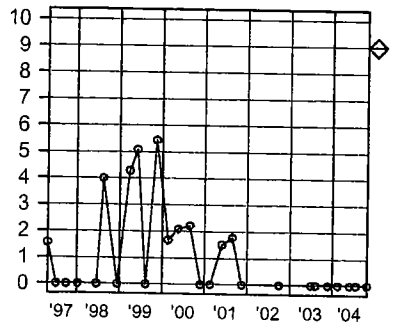
Source 4 of 18

Ag > GW Criteria in blank for samples taken 7/97.

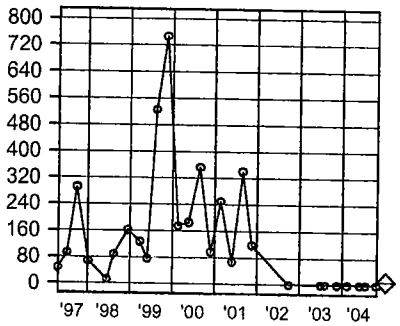
Trichloroethene
(ug/l)



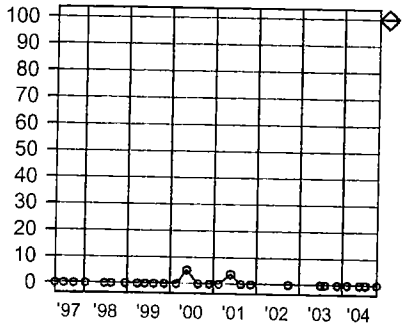
1,2,4-Trichlorobenzene
(ug/l)



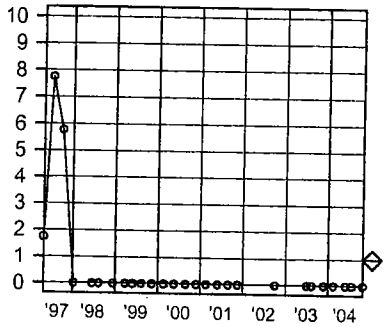
cis-1,2-Dichloroethene
(ug/l)



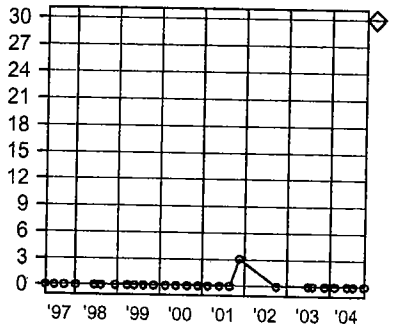
trans-1,2-Dichloroethene
(ug/l)



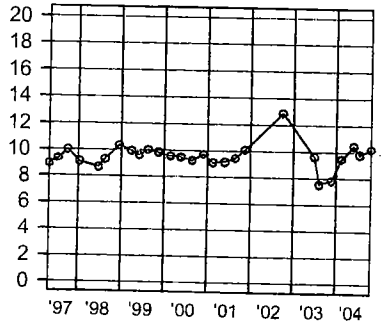
Tetrachloroethene
(ug/l)



1,1,1-Trichloroethane
(ug/l)



Depth to Water
(Feet)



SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 10/22/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 4 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

11-10-2004 \\Gar045\ENVR_Data\MtechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	1	-								-
04/22/1997	FMETL	ND	11.10								V,S,P,M
07/09/1997	FMETL	190	12.30								V,S,P,M
10/02/1997	FMETL	42	12.80								V,S,P,M
01/07/1998	FMETL	10.6	10.80								V,S,P,M
06/18/1998	FMETL	27.96	10.98								V,S,P,M
08/13/1998	FMETL	45	12.57								V,S,P,M
12/15/1998	FMETL	6.1	13.87								V,S,P,M
03/23/1999	FMETL	14.87	11.25								V,S,P,M
05/27/1999	FMETL	12.08	12.07								V,S,P,M
08/11/1999	FMETL	3.29	13.75								V,S,P,M
11/10/1999	FMETL	6.19	12.75								V,S,P,M
02/16/2000	FMETL	4.67	11.96								V,S,P,M
02/16/2000D	FMETL	4.83	11.96								V,S,P,M
05/17/2000	FMETL	5.51	12.14								V,S,P,M
05/17/2000D	FMETL	5.18	12.14								V,S,P,M
08/23/2000	FMETL	4.06	12.05								V,S,P,M
11/28/2000	FMETL	ND	12.32								V,S,P,M
02/20/2001	FMETL	ND	11.79								V,S,P,M
02/20/2001	FMETL	ND	11.79								V,S,P,M
05/31/2001	FMETL	ND	12.55								V,S,P,M
08/24/2001	FMETL	1.19	12.93								V,S,P,M
11/27/2001	FMETL	4.74	13.87								V,S,P,M
11/27/2001D	FMETL	5.08	13.87								V,S,P,M
02/28/2002	FMETL	13.80	13.51								V,S,P,M
05/31/2002	FMETL	25.32	12.70								V,S,P,M
09/30/2002	FMETL	6.16	13.38								V,S,P,M
11/14/2002	FMETL	ND	12.03								V,S,P,M
02/25/2003	FMETL	2.30	11.00								V,S,P,M
06/26/2003	FMETL	ND	10.69								V
08/06/2003	FMETL	1.74	11.50								V
11/18/2003	FMETL	1.42	12.05								V
02/11/2004	FMETL	3.48	11.14								V,M
05/24/2004	FMETL	4.44	11.51								V
07/15/2004	FMETL	20.50	11.95								V
10/22/2004	FMETL	16.03	12.31								V

SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 10/22/2004

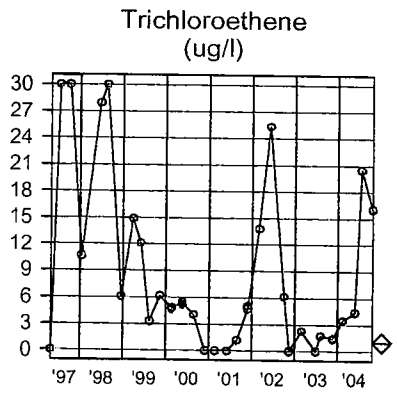
NOTES:

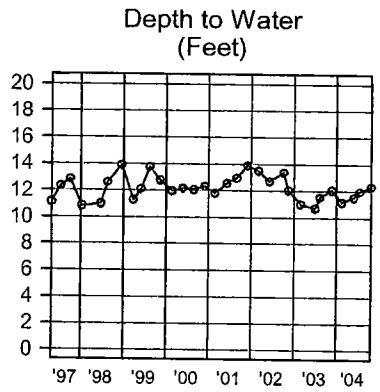
FORT MONMOUTH

GW MONITORING
CW-1

Source 5 of 18

Ag > GW Criteria in blank for samples taken 7/97.





SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 10/22/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 5 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

	Lab	Trichloro ethene	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	1	-								-
04/22/1997	FMETL	ND	11.15								V,S,P,M
07/09/1997	FMETL	ND	11.40								V,S,P,M
10/02/1997	FMETL	ND	11.70								V,S,P,M
01/07/1998	FMETL	ND	11.40								V,S,P,M
06/18/1998	FMETL	ND	10.89								V,S,P,M
08/13/1998	FMETL	ND	11.39								V,S,P,M
12/15/1998	FMETL	ND	12.21								V,S,P,M
03/23/1999	FMETL	ND	11.28								V,S,P,M
05/27/1999	FMETL	ND	11.54								V,S,P,M
08/11/1999	FMETL	ND	11.97								V,S,P,M
11/10/1999	FMETL	ND	11.79								V,S,P,M
02/16/2000	FMETL	ND	11.61								V,S,P,M
05/17/2000	FMETL	ND	11.59								V,S,P,M
08/23/2000	FMETL	1.96	11.33								V,S,P,M
11/27/2000	FMETL	ND	11.69								V,S,P,M
02/20/2001	FMETL	ND	11.40								V,S,P,M
05/24/2001	FMETL	ND	11.38								V,S,P,M
08/22/2001	FMETL	ND	11.59								V,S,P,M
11/16/2001	FMETL	ND	12.11								V,S,P,M
02/28/2002	FMETL	ND	12.32								V,S,P,M
05/31/2002	FMETL	ND	11.87								V,S,P,M
09/30/2002	FMETL	ND	13.78								V,S,P,M
11/12/2002	FMETL	ND	12.90								V,S,P,M
02/25/2003	FMETL	ND	12.04								V,S,P,M
06/26/2003	FMETL	ND	11.35								V
08/06/2003	FMETL	ND	11.77								V
11/18/2003	FMETL	ND	11.28								V
02/11/2004	FMETL	0.66	11.79								V,M
05/24/2004	FMETL	ND	12.05								V
07/15/2004	FMETL	ND	12.15								V
10/22/2004	FMETL	ND	12.06								V

SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 10/22/2004

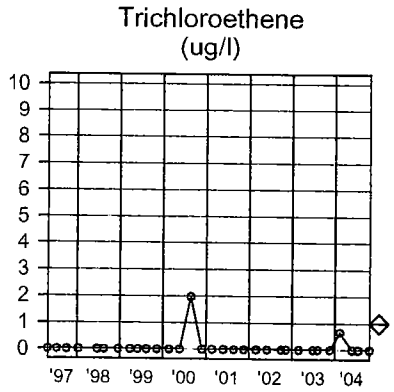
NOTES:

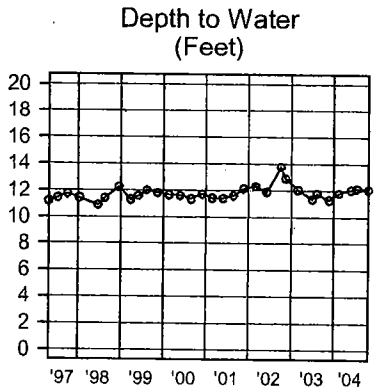
Ag > GW Criteria in blank for samples taken 7/97.

FORT MONMOUTH

GW MONITORING
CW-1

Source 7 of 18





SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 10/22/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 7 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

	Lab	Trichloro ethene	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	1	-								-
11/27/2000	FMETL	ND	10.73								V,S,P,M
02/15/2001	FMETL	ND	9.91								V,S,P,M
05/24/2001	FMETL	ND	9.89								V,S,P,M
08/22/2001	FMETL	1.36	10.41								V,S,P,M
11/16/2001	FMETL	ND	11.26								V,S,P,M
02/28/2002	FMETL	ND	11.59								V,S,P,M
05/31/2002	FMETL	ND	10.96								V,S,P,M
09/30/2002	FMETL	ND	13.25								V,S,P,M
11/12/2002	FMETL	ND	12.27								V,S,P,M
02/25/2003	FMETL	ND	10.81								V,S,P,M
06/26/2003	FMETL	ND	10.11								V
08/06/2003	FMETL	ND	9.52								V
11/18/2003	FMETL	ND	10.10								V
02/11/2004	FMETL	ND	10.54								V,M
05/24/2004	FMETL	ND	10.97								V
07/15/2004	FMETL	ND	11.18								V
10/22/2004	FMETL	ND	11.29								V

SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 10/22/2004

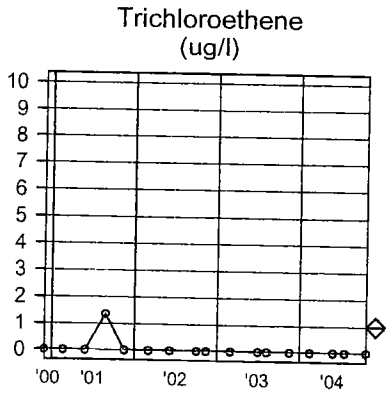
NOTES:

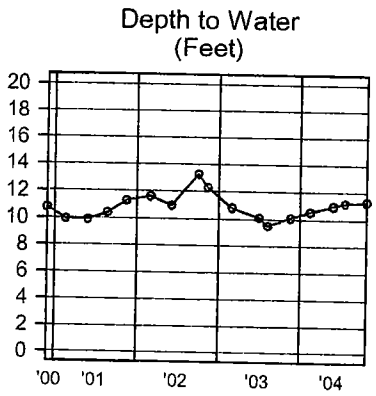
FORT MONMOUTH

GW MONITORING
CW-1

Source 8 of 18

Ag > GW Criteria in blank for samples taken 7/97.





SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 10/22/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 8 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

	Lab	Trichloro ethene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	10	30	-						-
11/27/2000	FMETL	139.49	1.20	ND	10.46						V,S,P,M
02/15/2001	FMETL	29.68	ND	ND	9.96						V,S,P,M
05/24/2001	FMETL	ND	ND	ND	10.10						V,S,P,M
05/24/2001D	FMETL	ND	ND	ND	10.10						V,S,P,M
08/22/2001	FMETL	ND	ND	1.86	10.31						V,S,P,M
11/16/2001	FMETL	358.39	128.72	2.81	10.90						V,S,P,M
11/16/2001D	FMETL	472.71	175.13	2.08	10.90						V,S,P,M
02/28/2002	FMETL	ND	ND	2.25	11.09						V,S,P,M
05/31/2002	FMETL	ND	ND	4.57	10.61						V,S,P,M
09/30/2002	FMETL	ND	ND	ND	13.68						V,S,P,M
11/12/2002	FMETL	ND	ND	ND	12.58						V,S,P,M
02/25/2003	FMETL	1.39	ND	0.69	11.43						V,S,P,M
06/26/2003	FMETL	5.07	1.04	1.34	10.78						V
08/06/2003	FMETL	ND	ND	ND	10.75						V
11/18/2003	FMETL	0.81	ND	ND	10.00						V
02/11/2004	FMETL	ND	ND	ND	11.16						V,M
05/24/2004	FMETL	ND	ND	ND	11.51						V
07/15/2004	FMETL	ND	ND	ND	11.55						V
10/22/2004	FMETL	ND	ND	ND	11.45						V

SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 10/22/2004

NOTES:

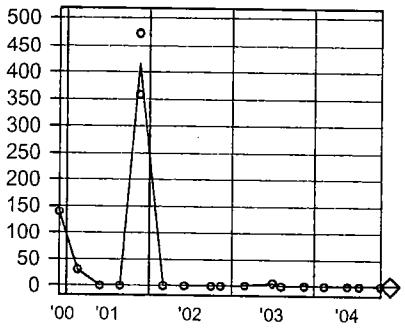
FORT MONMOUTH

GW MONITORING
CW-1

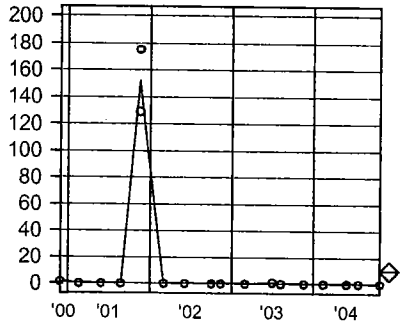
Source 9 of 18

Ag > GW Criteria in blank for samples taken 7/97.

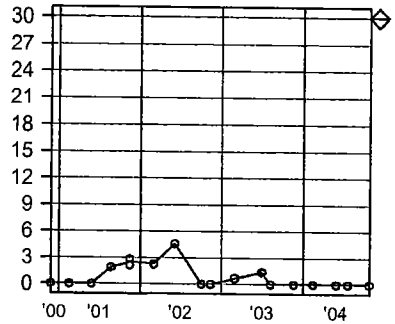
Trichloroethene
(ug/l)



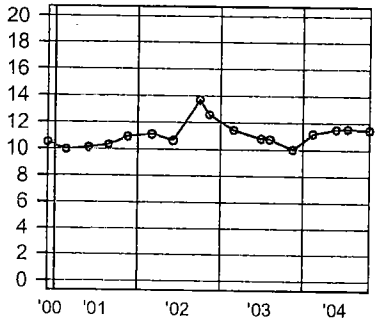
cis-1,2-Dichloroethene
(ug/l)



1,1,1-Trichloroethane
(ug/l)



Depth to Water
(Feet)



SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 10/22/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 9 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

	Lab	Trichloro ethene	cis-1,2-Di chloro ethene	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	10	-							-
11/27/2000	FMETL	51.33	1.67	11.65							V,S,P,M
02/15/2001	FMETL	ND	ND	11.3							V,S,P,M
05/24/2001	FMETL	10.77	ND	11.43							V,S,P,M
08/22/2001	FMETL	16.24	ND	11.57							V,S,P,M
11/16/2001	FMETL	4.91	ND	12.04							V,S,P,M
02/28/2002	FMETL	6.38	ND	12.23							V,S,P,M
05/31/2002	FMETL	ND	ND	11.78							V,S,P,M
11/12/2002	FMETL	ND	ND	12.81							V,S,P,M
02/25/2003	FMETL	ND	ND	12.12							V,S,P,M
06/26/2003	FMETL	ND	ND	11.28							V
08/06/2003	FMETL	ND	ND	11.75							V
11/18/2003	FMETL	ND	ND	11.23							V
02/11/2004	FMETL	ND	ND	11.77							V,M
05/24/2004	FMETL	ND	ND	12.03							V
07/15/2004	FMETL	ND	ND	12.10							V
10/22/2004	FMETL	ND	ND	12.03							V

SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 10/22/2004

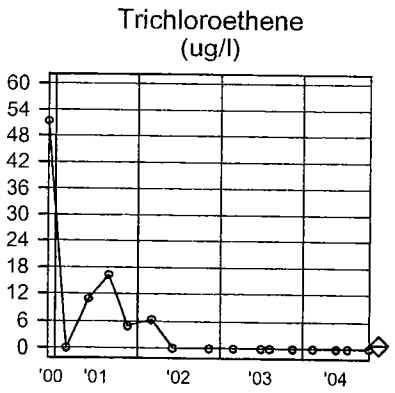
NOTES:

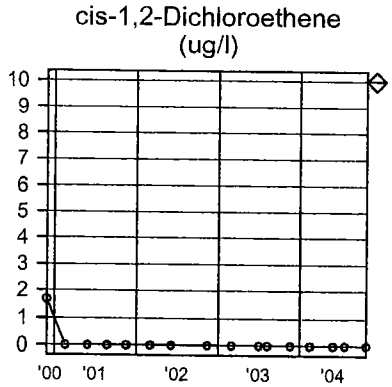
FORT MONMOUTH

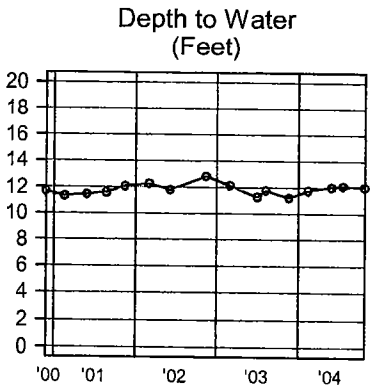
GW MONITORING
CW-1

Source 10 of 18

Ag > GW Criteria in blank for samples taken 7/97.







SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 10/22/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 10 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
11/27/2000	FMETL	8.01									V,S,P,M
02/15/2001	FMETL	8.55									V,S,P,M
05/31/2001	FMETL	8.72									V,S,P,M
08/24/2001	FMETL	8.83									V,S,P,M
11/16/2001	FMETL	9.20									V,S,P,M
02/28/2002	FMETL	9.34									V,S,P,M
05/31/2002	FMETL	9.03									V,S,P,M
09/30/2002	FMETL	10.50									V,S,P,M
11/12/2002	FMETL	9.34									V,S,P,M
02/25/2003	FMETL	8.71									V,S,P,M
06/26/2003	FMETL	8.32									V
08/06/2003	FMETL	8.74									V
11/18/2003	FMETL	8.56									V
02/11/2004	FMETL	8.70									V,M
05/24/2004	FMETL	8.82									V
07/15/2004	FMETL	8.90									V
10/22/2004	FMETL	8.93									V

SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 10/22/2004

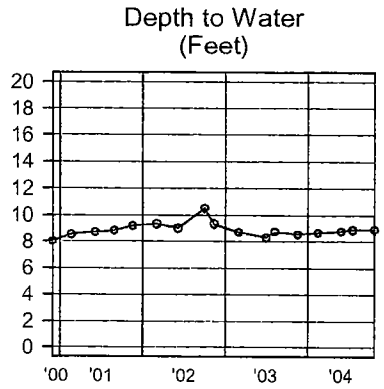
NOTES:

FORT MONMOUTH

GW MONITORING
CW-1

Source 12 of 18

Ag > GW Criteria in blank for samples taken 7/97.



SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 10/22/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 12 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
11/28/2000	FMETL	8.55									V,S,P,M
02/15/2001	FMETL	8.41									V,S,P,M
05/31/2001	FMETL	8.45									V,S,P,M
08/24/2001	FMETL	8.45									V,S,P,M
11/27/2001	FMETL	8.80									V,S,P,M
02/28/2002	FMETL	8.88									V,S,P,M
05/31/2002	FMETL	8.61									V,S,P,M
09/30/2002	FMETL	9.50									V,S,P,M
11/12/2002	FMETL	8.85									V,S,P,M
02/25/2003	FMETL	8.51									V,S,P,M
06/26/2003	FMETL	8.00									V
08/06/2003	FMETL	8.37									V
11/18/2003	FMETL	8.25									V
02/11/2004	FMETL	8.40									V,M
05/24/2004	FMETL	8.41									V
07/15/2004	FMETL	8.48									V
10/22/2004	FMETL	8.51									V

SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 10/22/2004

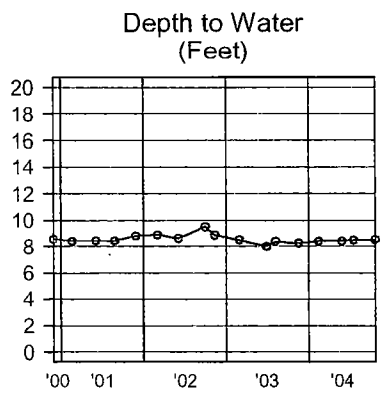
NOTES:

FORT MONMOUTH

GW MONITORING
CW-1

Source 13 of 18

Ag > GW Criteria in blank for samples taken 7/97.



SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 10/22/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 13 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-4359 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: CW-1

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5004804	CW1MW026	29-32590	01/26/05
5004805	CW1MW027	29-32591	01/26/05
5004806	CW1MW028	29-32592	01/26/05
5004807	CW1MW029	29-32593	01/26/05
5004809	CW1MW030	29-43188	01/26/05
5004810	CW1MW031	29-43189	01/26/05
5004811	CW1MW032	29-43190	01/26/05
5004904	CW1MW034	29-43192	01/27/05
5004905	CW1MW035	29-43193	01/27/05
5004906	CW1MW040	29-43187	01/27/05
5004907	CW1MW281	29-35312	01/27/05
5004808	CW1MW291	29-35314	01/26/05

NJDEP Laboratory Certification # 13461

3-23-05

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: TAMION
Phone: # X262223
(X)DERA ( )OMA ( )Other:
Samplers Name / Company: /TVS

Project No:
Location: CW-1 (2700)

Analysis Parameters

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA + 15								Remarks / Preservation Method
5[illegible].01	TRIP BLANK	1-27-05	8:00	AQ	2	X								
.02	FIELD BLANK	1-27-05	12:00	AQ	2	X								
.03	DUP.	1-27-05	12:35	AQ	2	X								
.04	MW #34	1-27-05	12:30	AQ	2	X								29-43192
.05	MW #35	1-27-05	13:55	AQ	2	X								29-43193
.06	MW #40	1-27-05	15:35	AQ	2	X								29-43187
.07	MW #281	1-27-05	14:50	AQ	2	X								29-35312

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter [illegible]	1-27-05 1400	[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

11

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW026
NJDEP ID #: 29-32590
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/26/05
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.88 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.01 ft
(6.01) X .65 X 3 = 11.71
GALLONS OF H_2O TO BE PURGED: 12 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: 09:55
pH 5.63 su
DISSOLVED O_2 5.42 mg/L
TEMP 11.72 °C
SPECIFIC CONDUCTIVITY 1301.0 µs/cm

PURGE END TIME: 10:47
pH 4.94 su
DISSOLVED O_2 6.92 mg/L
TEMP 12.61 °C
SPECIFIC CONDUCTIVITY 1267.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.45 ft
——(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 12 gal

SAMPLE START TIME: 10:55
pH 4.83 su
DISSOLVED O_2 7.13 mg/L
TEMP 12.82 °C
SPECIFIC CONDUCTIVITY 1251.0.0 µs/cm

SAMPLE END TIME: 11:00

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW027
NJDEP ID #: 29-32591
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/26/05
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.76 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.13 ft
(6.13) X .65 X 3 = 11.95
GALLONS OF H_2O TO BE PURGED: 12 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:04
pH 4.67 su — TEMP 12.62 °C
DISSOLVED O_2 4.38 mg/L — SPECIFIC CONDUCTIVITY 1357.0 µs/cm

PURGE END TIME: 10:56
pH 4.52 su — TEMP 13.32 °C
DISSOLVED O_2 2.34 mg/L — SPECIFIC CONDUCTIVITY 1296.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.08 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 12 gal

SAMPLE START TIME: 11:10
pH 4.60 su — TEMP 13.31 °C
DISSOLVED O_2 2.26 mg/L — SPECIFIC CONDUCTIVITY 1281.0 µs/cm

SAMPLE END TIME: 11:12

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW028
NJDEP ID #: 29-32592
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/26/05
WEATHER: Cloudy and cold..
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.12 ft
DEPTH OF WELL: 16.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.81 ft
(6.81) X .65 X 3 = 13.27
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: 13:14
pH 4.54 su — TEMP 14.51 °C
DISSOLVED O_2 6.26 mg/L — SPECIFIC CONDUCTIVITY 1908.0 µs/cm

PURGE END TIME: 14:11
pH 4.35 su — TEMP 14.84 °C
DISSOLVED O_2 2.90 mg/L — SPECIFIC CONDUCTIVITY 1826.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.37 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 13 gal

SAMPLE START TIME: 14:30
pH 4.30 su — TEMP 14.85 °C
DISSOLVED O_2 3.57 mg/L — SPECIFIC CONDUCTIVITY 2101.0 µs/cm

SAMPLE END TIME: 14:32

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW029
NJDEP ID #: 29-32593
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/26/05
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.50 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.37 ft
(7.37) X .65 X 3 = 14.37
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:51
pH 5.24 su — TEMP 11.43 °C
DISSOLVED O_2 6.44 mg/L — SPECIFIC CONDUCTIVITY 1607.0 µs/cm

PURGE END TIME: 13:52
pH 5.11 su — TEMP 12.55 °C
DISSOLVED O_2 6.42 mg/L — SPECIFIC CONDUCTIVITY 1519.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.79 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 14:00
pH 5.22 su — TEMP 12.95 °C
DISSOLVED O_2 6.17 mg/L — SPECIFIC CONDUCTIVITY 1567.0 µs/cm

SAMPLE END TIME: 14:02

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW030
NJDEP ID #: 29-43188
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/26/05
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.94 ft
DEPTH OF WELL: 21.45 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.51 ft
(10.51) X .65 X 3 = 20.49
GALLONS OF 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: 12:26
pH 4.29 su
TEMP 13.27 °C
DISSOLVED O_2 4.92 mg/L
SPECIFIC CONDUCTIVITY 1414.0 µs/cm

PURGE END TIME: 13:53
pH 4.48 su
TEMP 13.35 °C
DISSOLVED O_2 4.37 mg/L
SPECIFIC CONDUCTIVITY 1293.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.13 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 14:20
pH 4.34 su
TEMP 13.41 °C
DISSOLVED O_2 3.84 mg/L
SPECIFIC CONDUCTIVITY 1302.0 µs/cm

SAMPLE END TIME: 14:22

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW031
NJDEP ID #: 29-43189
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/26/05
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.31 ft
DEPTH OF WELL: 21.73 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.42 ft
(10.42) X .65 X 3 = 20.31
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: 09:25
pH 4.86 su — TEMP 13.63 °C
DISSOLVED O_2 5.08 mg/L — SPECIFIC CONDUCTIVITY 1901.0 µs/cm

PURGE END TIME: 10:52
pH 4.24 su — TEMP 13.20 °C
DISSOLVED O_2 2.30 mg/L — SPECIFIC CONDUCTIVITY 1829.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.45 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 11:20
pH 4.21 su — TEMP 12.98 °C
DISSOLVED O_2 2.86 mg/L — SPECIFIC CONDUCTIVITY 1859.0 µs/cm

SAMPLE END TIME: 11:22

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW032
NJDEP ID #: 29-43190
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/26/05
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.89 ft
DEPTH OF WELL: 21.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.91 ft
(9.91) X .65 X 3 = 19.32
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: 09:35
pH 5.31 su — TEMP 14.11 °C
DISSOLVED O_2 6.42 mg/L — SPECIFIC CONDUCTIVITY 1776.0 µs/cm

PURGE END TIME: 10:58
pH 5.50 su — TEMP 13.09 °C
DISSOLVED O_2 3.99 mg/L — SPECIFIC CONDUCTIVITY 1494.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.25 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 11:30
pH 5.58 su — TEMP 13.58 °C
DISSOLVED O_2 2.45 mg/L — SPECIFIC CONDUCTIVITY 1517.0 µs/cm

SAMPLE END TIME: 11:32

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW034
NJDEP ID #: 29-43192
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/27/05
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.86 ft
DEPTH OF WELL: 19.46 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.60 ft
(10.60) X .65 X 3 = 20.67
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: 10:47
pH 4.67 su
DISSOLVED O_2 4.86 mg/L
TEMP 14.35 °C
SPECIFIC CONDUCTIVITY 1867.0 µs/cm

PURGE END TIME: 12:18
pH 4.53 su
DISSOLVED O_2 5.64 mg/L
TEMP 15.70 °C
SPECIFIC CONDUCTIVITY 1642.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.37 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 12:30
pH 4.39 su
DISSOLVED O_2 5.24 mg/L
TEMP 15.85 °C
SPECIFIC CONDUCTIVITY 1677.0 µs/cm

SAMPLE END TIME: 12:35

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW035
NJDEP ID #: 29-43193
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/27/05
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.53 ft
DEPTH OF WELL: 16.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.95 ft
(7.95) X .65 X 3 = 15.50
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: 12:40
pH 4.04 su — TEMP 14.17 °C
DISSOLVED O_2 4.31 mg/L — SPECIFIC CONDUCTIVITY 1562.0 µs/cm

PURGE END TIME: 13:50
pH 4.02 su — TEMP 13.59 °C
DISSOLVED O_2 5.16 mg/L — SPECIFIC CONDUCTIVITY 1443.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.81 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 13:55
pH 4.08 su — TEMP 13.53 °C
DISSOLVED O_2 4.91 mg/L — SPECIFIC CONDUCTIVITY 1477.0 µs/cm

SAMPLE END TIME: 13:57

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW040
NJDEP ID #: 29-43187
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Water Funk
DATE: 01/27/05
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 13.27 ft
DEPTH OF WELL: 48.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 35.23 ft
(35.23) X .65 X 3 = 68.69
GALLONS OF H_2O TO BE PURGED: 69 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:28
pH 5.02 su — TEMP 12.72 °C
DISSOLVED O_2 5.93 mg/L — SPECIFIC CONDUCTIVITY 1781.0 µs/cm

PURGE END TIME: 15:28
pH 5.48 su — TEMP 14.19 °C
DISSOLVED O_2 4.48 mg/L — SPECIFIC CONDUCTIVITY 1532.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.05 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 69 gal

SAMPLE START TIME: 15:35
pH 5.52 su — TEMP 14.40 °C
DISSOLVED O_2 2.24 mg/L — SPECIFIC CONDUCTIVITY 1588.0 µs/cm

SAMPLE END TIME: 15:37

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW281
NJDEP ID #: 29-35312
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 01/27/05
WEATHER: Clear and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.76 ft
DEPTH OF WELL: 43.20 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 32.44 ft
(32.44) X .65 X 3 = 63.25
GALLONS OF H_2O TO BE PURGED: 63 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:08
pH 3.18 su — TEMP 12.45 °C
DISSOLVED O_2 5.63 mg/L — SPECIFIC CONDUCTIVITY 1662.0 µs/cm

PURGE END TIME: 14:42
pH 5.31 su — TEMP 14.43 °C
DISSOLVED O_2 4.46 mg/L — SPECIFIC CONDUCTIVITY 1489.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.25 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 63 gal

SAMPLE START TIME: 14:50
pH 5.60 su — TEMP 14.48 °C
DISSOLVED O_2 3.65 mg/L — SPECIFIC CONDUCTIVITY 1515.0 µs/cm

SAMPLE END TIME: 14:52

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW291
NJDEP ID #: 29-35314
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 01/26/05
WEATHER: Cloudy and cold.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.96 ft
DEPTH OF WELL: 18.18 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.22 ft
(6.22) X .65 X 3 = 12.12
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: 12:10
pH 4.93 su — TEMP 13.71 °C
DISSOLVED O_2 5.37 mg/L — SPECIFIC CONDUCTIVITY 1296.0 µs/cm

PURGE END TIME: 13:02
pH 4.89 su — TEMP 13.71 °C
DISSOLVED O_2 4.64 mg/L — SPECIFIC CONDUCTIVITY 1217.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.16 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 12 gal

SAMPLE START TIME: 13:10
pH 4.65 su — TEMP 13.68 °C
DISSOLVED O_2 2.75 mg/L — SPECIFIC CONDUCTIVITY 1384.0 µs/cm

SAMPLE END TIME: 13:12

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	VB018568.D	Sample Name	MB 03Feb05
Operator	Skelton	Field ID	MB 03Feb05
Date Acquired	3 Feb 2005 4:00 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

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

3/22/2005 11:36 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 03Feb05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50048 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 03Feb05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018568.D

Level: (low/med) LOW Date Received: 1/26/2005

% Moisture: not dec. _____ Date Analyzed: 2/3/2005

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	VB018568.D	Sample Name	MB 03Feb05
Operator	Skelton	Field ID	MB 03Feb05
Date Acquired	3 Feb 2005 4:00 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

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 03Feb05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50049 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 03Feb05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018568.D

Level: (low/med) LOW Date Received: 1/27/2005

% Moisture: not dec. Date Analyzed: 2/3/2005

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	VB018575.D	Sample Name	5004801
Operator	Skelton	Field ID	Trip Blank
Date Acquired	3 Feb 2005 8:45 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

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

3/22/2005 11:36 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50048 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004801

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018575.D

Level: (low/med) LOW Date Received: 1/26/2005

% Moisture: not dec. Date Analyzed: 2/3/2005

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	VB018586.D	Sample Name	5004901
Operator	Skelton	Field ID	Trip Blank
Date Acquired	4 Feb 2005 4:14 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: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50049 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004901

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018586.D

Level: (low/med) LOW Date Received: 1/27/2005

% Moisture: not dec. _____ Date Analyzed: 2/4/2005

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	VB018576.D	Sample Name	5004802
Operator	Skelton	Field ID	Field Blank
Date Acquired	3 Feb 2005 9:26 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

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

3/22/2005 11:36 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50048 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004802

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018576.D

Level: (low/med) LOW Date Received: 1/26/2005

% Moisture: not dec. Date Analyzed: 2/3/2005

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	VB018587.D	Sample Name	5004902
Operator	Skelton	Field ID	Field Blank
Date Acquired	4 Feb 2005 4:55 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.: 50049 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004902

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018587.D

Level: (low/med) LOW Date Received: 1/27/2005

% Moisture: not dec. Date Analyzed: 2/4/2005

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	VB018577.D	Sample Name	5004803
Operator	Skelton	Field ID	Dupe
Date Acquired	3 Feb 2005 10:07 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

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

3/22/2005 11:36 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50048 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004803

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018577.D

Level: (low/med) LOW Date Received: 1/26/2005

% Moisture: not dec. _____ Date Analyzed: 2/3/2005

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	VB018588.D	Sample Name	5004903
Operator	Skelton	Field ID	Dupe
Date Acquired	4 Feb 2005 5:36 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

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50049 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004903

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018588.D

Level: (low/med) LOW Date Received: 1/27/2005

% Moisture: not dec. _____ Date Analyzed: 2/4/2005

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	VB018578.D	Sample Name	5004804
Operator	Skelton	Field ID	MW#26
Date Acquired	3 Feb 2005 10:48 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~~	~~Diisopropylether~~			~~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

3/22/2005 11:36 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW#26

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50048 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004804

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018578.D

Level: (low/med) LOW Date Received: 1/26/2005

% Moisture: not dec. Date Analyzed: 2/3/2005

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	VB018579.D	Sample Name	5004805
Operator	Skelton	Field ID	MW#27
Date Acquired	3 Feb 2005 11:28 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

C:\HPCHEM\Custrpt\Volatile\624FY05.CRT

3/22/2005 11:36 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#27**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50048 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004805

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018579.D

Level: (low/med) LOW Date Received: 1/26/2005

% Moisture: not dec. _____ Date Analyzed: 2/3/2005

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	VB018580.D	Sample Name	5004806
Operator	Skelton	Field ID	MW#28
Date Acquired	4 Feb 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	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	19.55	53540	1.61 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	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

3/22/2005 11:36 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW#28

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50048 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004806

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018580.D

Level: (low/med) LOW Date Received: 1/26/2005

% Moisture: not dec. _____ Date Analyzed: 2/4/2005

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	VB018581.D	Sample Name	5004807
Operator	Skelton	Field ID	MW#29
Date Acquired	4 Feb 2005 12:50 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	19.55	20533	0.62 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	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: MW#29

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50048 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004807

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018581.D

Level: (low/med) LOW Date Received: 1/26/2005

% Moisture: not dec. Date Analyzed: 2/4/2005

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	VB018582.D	Sample Name	5004808
Operator	Skelton	Field ID	MW#291
Date Acquired	4 Feb 2005 1:30 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

3/22/2005 11:36 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#291**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50048 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004808

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018582.D

Level: (low/med) LOW Date Received: 1/26/2005

% Moisture: not dec. _____ Date Analyzed: 2/4/2005

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	VB018583.D	Sample Name	5004809
Operator	Skelton	Field ID	MW#30
Date Acquired	4 Feb 2005 2:11 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

3/22/2005 11:36 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW#30

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50048 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004809

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018583.D

Level: (low/med) LOW Date Received: 1/26/2005

% Moisture: not dec. Date Analyzed: 2/4/2005

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	VB018584.D	Sample Name	5004810
Operator	Skelton	Field ID	MW#31
Date Acquired	4 Feb 2005 2:52 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

3/22/2005 11:36 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW#31

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50048 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004810

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018584.D

Level: (low/med) LOW Date Received: 1/26/2005

% Moisture: not dec. Date Analyzed: 2/4/2005

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	VB018585.D	Sample Name	5004811
Operator	Skelton	Field ID	MW#32
Date Acquired	4 Feb 2005 3:33 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

3/22/2005 11:36 AM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW#32

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50048 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004811

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018585.D

Level: (low/med) LOW Date Received: 1/26/2005

% Moisture: not dec. Date Analyzed: 2/4/2005

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	VB018589.D	Sample Name	5004904
Operator	Skelton	Field ID	MW#34
Date Acquired	4 Feb 2005 6:17 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

3/22/2005 1:08 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#34**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50049 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004904

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018589.D

Level: (low/med) LOW Date Received: 1/27/2005

% Moisture: not dec. _____ Date Analyzed: 2/4/2005

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	VB018590.D	Sample Name	5004905
Operator	Skelton	Field ID	MW#35
Date Acquired	4 Feb 2005 6:58 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: **MW#35**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50049 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004905

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018590.D

Level: (low/med) LOW Date Received: 1/27/2005

% Moisture: not dec. _____ Date Analyzed: 2/4/2005

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	VB018591.D	Sample Name	5004906
Operator	Skelton	Field ID	MW#40
Date Acquired	4 Feb 2005 7:39 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

3/22/2005 1:08 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW#40

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50049 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004906

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018591.D

Level: (low/med) LOW Date Received: 1/27/2005

% Moisture: not dec. _____ Date Analyzed: 2/4/2005

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	VB018592.D	Sample Name	5004907
Operator	Skelton	Field ID	MW#281
Date Acquired	4 Feb 2005 8:20 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			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	15.88	12333	0.29 ug/L	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	19.55	236391	7.38 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	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

3/22/2005 1:08 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#281**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50049 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5004907

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB018592.D

Level: (low/med) LOW Date Received: 1/27/2005

% Moisture: not dec. _____ Date Analyzed: 2/4/2005

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

	Lab	Acetone	1,1,1-Tri chloro ethane	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	700	30	-							-
04/23/1997	FMETL	ND	ND	8.60							V,S,P,M
07/07/1997	FMETL	ND	ND	8.98							V,S,P,M
10/01/1997	FMETL	ND	ND	9.45							V,S,P,M
01/06/1998	FMETL	ND	ND	9.05							V,S,P,M
06/16/1998	FMETL	ND	ND	8.61							V,S,P,M
08/13/1998	FMETL	12.48	ND	9.16							V,S,P,M
12/15/1998	FMETL	ND	ND	10.18							V,S,P,M
03/23/1999	FMETL	ND	ND	9.07							V,S,P,M
05/27/1999	FMETL	ND	ND	9.42							V,S,P,M
08/11/1999	FMETL	ND	ND	9.89							V,S,P,M
11/10/1999	FMETL	ND	ND	9.70							V,S,P,M
02/16/2000	FMETL	ND	ND	9.44							V,S,P,M
05/17/2000	FMETL	ND	ND	9.35							V,S,P,M
08/23/2000	FMETL	4.61	ND	9.16							V,S,P,M
11/27/2000	FMETL	ND	ND	9.64							V,S,P,M
11/27/2000D	FMETL	ND	ND	9.64							V,S,P,M
02/15/2001	FMETL	ND	ND	8.98							V,S,P,M
02/15/2001D	FMETL	ND	ND	8.98							V,S,P,M
05/24/2001	FMETL	ND	ND	9.06							V,S,P,M
08/22/2001	FMETL	ND	ND	9.38							V,S,P,M
11/16/2001	FMETL	ND	1.71	10.05							V,S,P,M
02/28/2002	FMETL	ND	ND	10.33							V,S,P,M
05/31/2002	FMETL	ND	ND	9.81							V,S,P,M
09/30/2002	FMETL	ND	ND	13.90							V,S,P,M
11/12/2002	FMETL	ND	ND	12.58							V,S,P,M
02/25/2003	FMETL	ND	ND	10.85							V,S,P,M
06/26/2003	FMETL	ND	ND	10.38							V
08/06/2003	FMETL	ND	ND	9.88							V
11/18/2003	FMETL	ND	ND	9.10							V
02/11/2004	FMETL	ND	ND	10.74							V,M
05/24/2004	FMETL	ND	ND	11.15							V
07/15/2004	FMETL	ND	ND	11.15							V
10/22/2004	FMETL	ND	ND	11.15							V
01/26/2005	FMETL	ND	ND	10.88							V

SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 01/26/2005

NOTES:

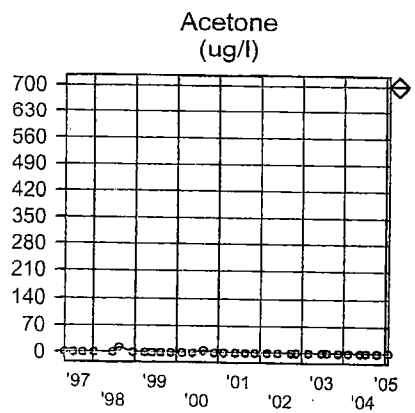
FORT MONMOUTH

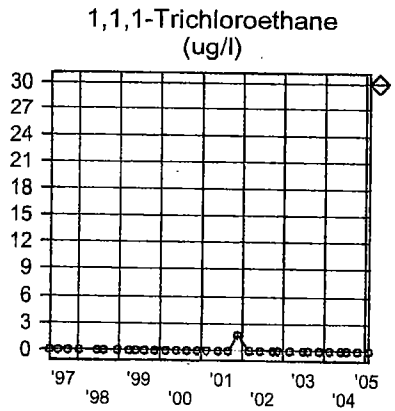
GW MONITORING
CW-1

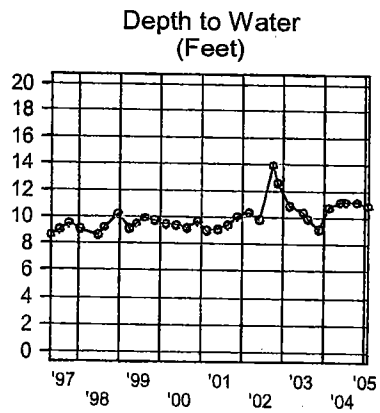
Source 1 of 18

Ag > GW Criteria in blank for samples taken 7/97.

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







SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 01/26/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 1 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Acetone	Trichloro ethene	1,1,1-Tri chloro ethane	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	700	1	30	-						-
04/23/1997	FMETL	ND	ND	ND	8.60						V,S,P,M
07/07/1997	FMETL	ND	ND	ND	9.00						V,S,P,M
10/01/1997	FMETL	ND	ND	ND	9.50						V,S,P,M
01/06/1998	FMETL	ND	ND	ND	8.95						V,S,P,M
06/16/1998	FMETL	ND	ND	ND	8.38						V,S,P,M
08/13/1998	FMETL	12.14	ND	ND	8.98						V,S,P,M
12/15/1998	FMETL	ND	ND	ND	10.13						V,S,P,M
03/23/1999	FMETL	ND	ND	ND	8.93						V,S,P,M
05/27/1999	FMETL	ND	ND	ND	9.30						V,S,P,M
08/11/1999	FMETL	ND	ND	ND	9.84						V,S,P,M
11/10/1999	FMETL	ND	ND	ND	9.66						V,S,P,M
02/16/2000	FMETL	ND	ND	ND	9.37						V,S,P,M
05/17/2000	FMETL	ND	ND	ND	9.24						V,S,P,M
08/23/2000	FMETL	5.78	1.46	ND	9.52						V,S,P,M
11/27/2000	FMETL	ND	ND	ND	9.58						V,S,P,M
02/15/2001	FMETL	ND	ND	ND	8.84						V,S,P,M
05/24/2001	FMETL	ND	ND	ND	8.89						V,S,P,M
08/22/2001	FMETL	ND	ND	ND	9.20						V,S,P,M
11/16/2001	FMETL	ND	ND	3.06	10.00						V,S,P,M
02/28/2002	FMETL	ND	7.14	4.48	10.25						V,S,P,M
05/31/2002	FMETL	ND	ND	ND	9.70						V,S,P,M
09/30/2002	FMETL	ND	ND	ND	13.77						V,S,P,M
11/12/2002	FMETL	ND	ND	ND	12.48						V,S,P,M
02/25/2003	FMETL	ND	ND	ND	10.52						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	10.25						V,S,P,M
08/06/2003	FMETL	ND	ND	1.11	9.62						V
11/18/2003	FMETL	ND	ND	4.21	8.91						V
02/11/2004	FMETL	ND	ND	0.48	10.54						V
05/24/2004	FMETL	ND	ND	ND	11.04						V,M
07/15/2004	FMETL	ND	ND	ND	11.05						V
10/22/2004	FMETL	ND	ND	ND	11.05						V
01/26/2005	FMETL	ND	ND	ND	10.76						V

SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 01/26/2005

NOTES:

FORT MONMOUTH

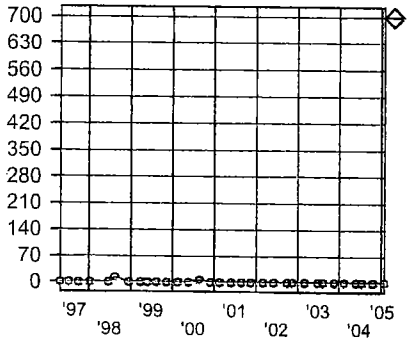
GW MONITORING
CW-1

Source 2 of 18

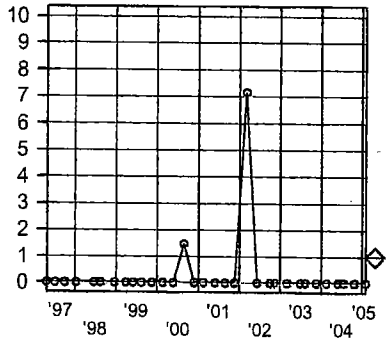
g > GW Criteria in blank for samples taken 7/97.

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

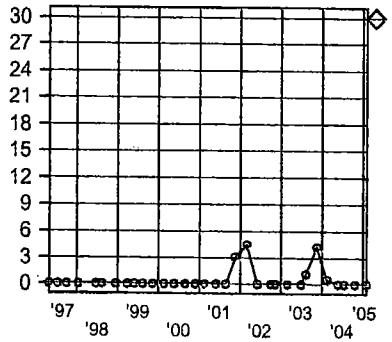
Acetone
(ug/l)



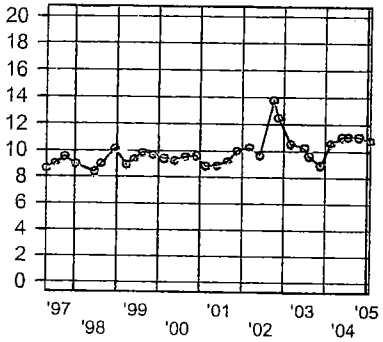
Trichloroethene
(ug/l)



1,1,1-Trichloroethane
(ug/l)



Depth to Water
(Feet)



SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 01/26/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 2 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Acetone	Trichloro ethene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	700	1	10	30	-					-
04/23/1997	FMETL	ND	ND	ND	ND	9.05					V,S,P,M
07/07/1997	FMETL	ND	ND	ND	ND	9.20					V,S,P,M
10/01/1997	FMETL	ND	59.4	ND	ND	9.70					V,S,P,M
01/06/1998	FMETL	ND	27.7	ND	ND	9.40					V,S,P,M
06/16/1998	FMETL	ND	ND	ND	ND	8.84					V,S,P,M
08/13/1998	FMETL	5.07	ND	ND	ND	9.51					V,S,P,M
12/15/1998	FMETL	ND	33.9	ND	ND	10.63					V,S,P,M
03/23/1999	FMETL	ND	7.15	ND	ND	9.38					V,S,P,M
05/27/1999	FMETL	ND	3.10	ND	ND	9.79					V,S,P,M
08/11/1999	FMETL	ND	297.82	1.59	ND	10.32					V,S,P,M
11/10/1999	FMETL	ND	174.48	25.4	ND	10.13					V,S,P,M
02/16/2000	FMETL	ND	103.32	4.24	ND	9.84					V,S,P,M
05/17/2000	FMETL	ND	8.48	ND	ND	9.75					V,S,P,M
08/23/2000	FMETL	ND	43.36	ND	ND	9.06					V,S,P,M
11/27/2000	FMETL	ND	70.95	ND	ND	10.02					V,S,P,M
02/15/2001	FMETL	ND	9.23	ND	ND	9.31					V,S,P,M
05/24/2001	FMETL	ND	ND	ND	2.83	9.36					V,S,P,M
08/22/2001	FMETL	ND	3.32	ND	ND	9.77					V,S,P,M
11/16/2001	FMETL	ND	26.20	ND	ND	10.49					V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	13.62					V
06/26/2003	FMETL	ND	ND	ND	ND	10.11					V
08/06/2003	FMETL	ND	1.18	ND	ND	7.95					V
11/18/2003	FMETL	ND	2.08	ND	ND	7.98					V
02/11/2004	FMETL	ND	ND	ND	ND	9.88					V,M
05/24/2004	FMETL	ND	ND	ND	ND	10.65					V
07/15/2004	FMETL	ND	ND	ND	ND	10.58					V
10/22/2004	FMETL	ND	ND	ND	ND	10.71					V
01/26/2005	FMETL	ND	1.61	ND	ND	10.12					V

SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 01/26/2005

NOTES:

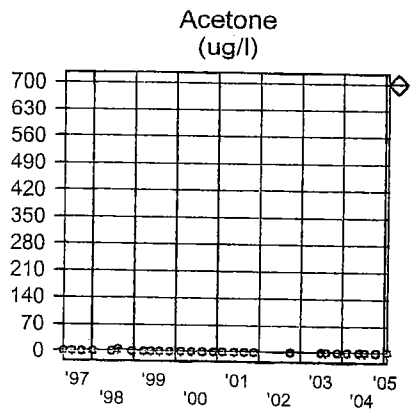
FORT MONMOUTH

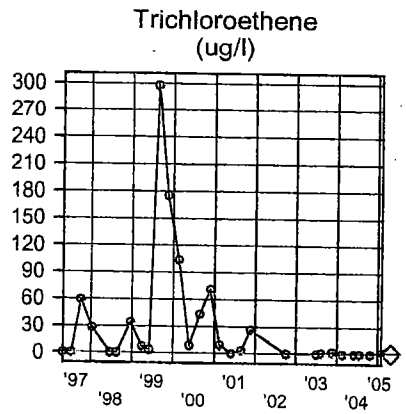
GW MONITORING
CW-1

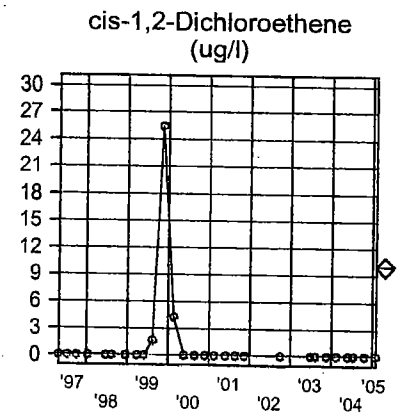
Source 3 of 18

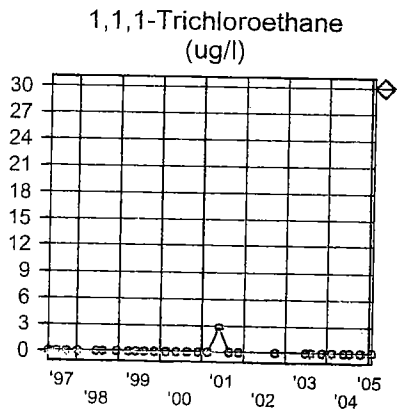
Ag > GW Criteria in blank for samples taken 7/97.

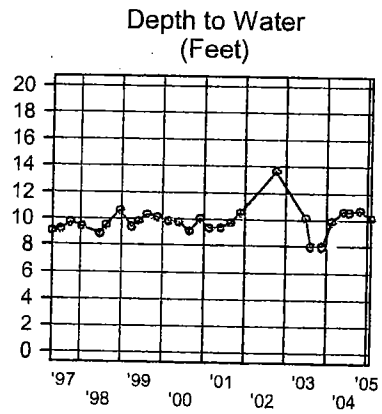
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 01/26/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 3 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	Tetrachloro ethene	1,1,1-Tri chloro ethane	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	1	9	10	1	30	-				-
04/23/1997	FMETL	3200	1.55	47	1.74	ND	8.90				V,S,P,M
07/07/1997	FMETL	4900	ND	92	7.75	ND	9.30				V,S,P,M
10/01/1997	FMETL	7820	ND	290	5.75	ND	9.98				V,S,P,M
01/06/1998	FMETL	1705	ND	67	ND	ND	9.10				V,S,P,M
06/16/1998	FMETL	83.11	ND	11.97	ND	ND	8.67				V,S,P,M
08/13/1998	FMETL	498	3.98	88	ND	ND	9.26				V,S,P,M
12/12/1998	FMETL	374.58	ND	161.61	ND	ND	10.30				V,S,P,M
03/23/1999	FMETL	1342	4.27	126.68	ND	ND	9.90				V,S,P,M
05/27/1999	FMETL	950.05	5.08	75.55	ND	ND	9.59				V,S,P,M
08/11/1999	FMETL	288.11	ND	523.43	ND	ND	10.00				V,S,P,M
11/10/1999	FMETL	62.96	5.44	746.30	ND	ND	9.81				V,S,P,M
02/16/2000	FMETL	41.51	1.67	175.38	ND	ND	9.54				V,S,P,M
05/17/2000	FMETL	357.72	2.10	186.08	ND	ND	9.47				V,S,P,M
08/23/2000	FMETL	263.49	2.21	352.10	ND	ND	9.24				V,S,P,M
11/27/2000	FMETL	54.06	ND	96.55	ND	ND	9.71				V,S,P,M
02/15/2001	FMETL	1951.41	ND	250.62	ND	ND	9.09				V,S,P,M
05/24/2001	FMETL	470.48	1.50	66.54	ND	ND	9.14				V,S,P,M
08/22/2001	FMETL	2040.65	1.77	340.29	ND	ND	9.44				V,S,P,M
11/16/2001	FMETL	67.36	ND	118.26	ND	3.02	10.08				V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	ND	12.91				V
06/26/2003	FMETL	ND	ND	ND	ND	ND	9.63				V
08/06/2003	FMETL	ND	ND	ND	ND	ND	7.55				V
11/18/2003	FMETL	ND	ND	ND	ND	ND	7.85				V
02/11/2004	FMETL	ND	ND	ND	ND	ND	9.45				V,M
05/24/2004	FMETL	7.17	ND	ND	ND	ND	10.45				V
07/15/2004	FMETL	17.49	ND	ND	ND	ND	9.82				V
10/22/2004	FMETL	ND	ND	ND	ND	ND	10.2				V
01/26/2005	FMETL	0.62	ND	ND	ND	ND	9.50				V

SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 01/26/2005

NOTES:

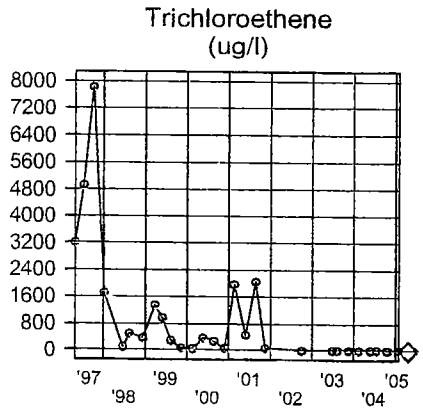
FORT MONMOUTH

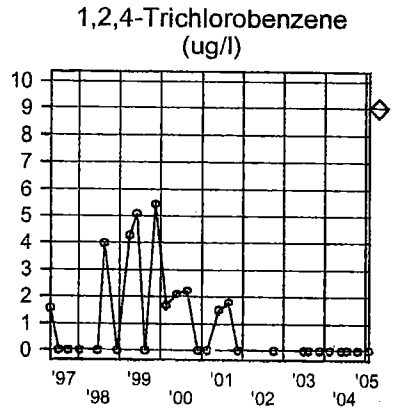
GW MONITORING
CW-1

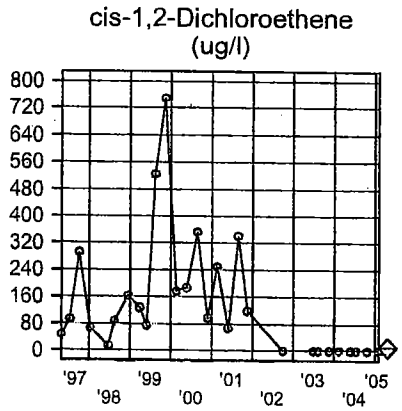
Source 4 of 18

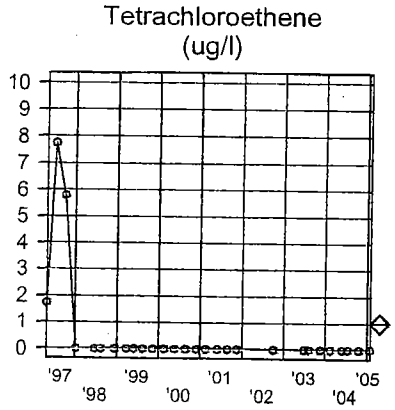
Ag > GW Criteria in blank for samples taken 7/97.

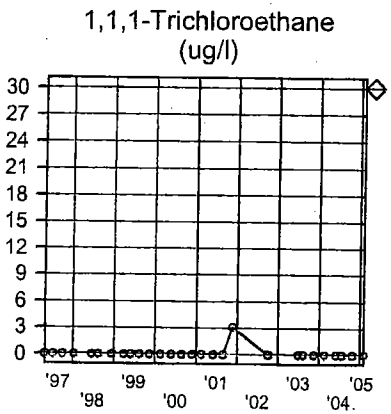
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

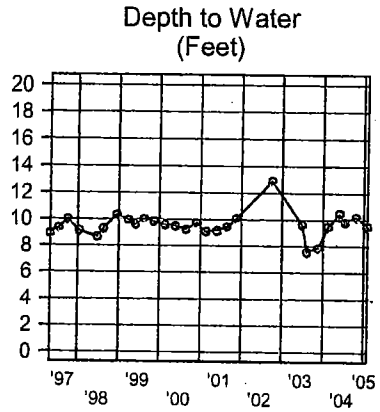












SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 01/26/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 4 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

03-23-2005 \\monm545\envr_data\MtechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	1	-								-
11/27/2000	FMETL	ND	10.73								V,S,P,M
02/15/2001	FMETL	ND	9.91								V,S,P,M
05/24/2001	FMETL	ND	9.89								V,S,P,M
08/22/2001	FMETL	1.36	10.41								V,S,P,M
11/16/2001	FMETL	ND	11.26								V,S,P,M
02/28/2002	FMETL	ND	11.59								V,S,P,M
05/31/2002	FMETL	ND	10.96								V,S,P,M
09/30/2002	FMETL	ND	13.25								V,S,P,M
11/12/2002	FMETL	ND	12.27								V,S,P,M
02/25/2003	FMETL	ND	10.81								V,S,P,M
06/26/2003	FMETL	ND	10.11								V
08/06/2003	FMETL	ND	9.52								V
11/18/2003	FMETL	ND	10.10								V
02/11/2004	FMETL	ND	10.54								V,M
05/24/2004	FMETL	ND	10.97								V
07/15/2004	FMETL	ND	11.18								V
10/22/2004	FMETL	ND	11.29								V
01/26/2005	FMETL	ND	10.94								V

SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 01/26/2005

NOTES:

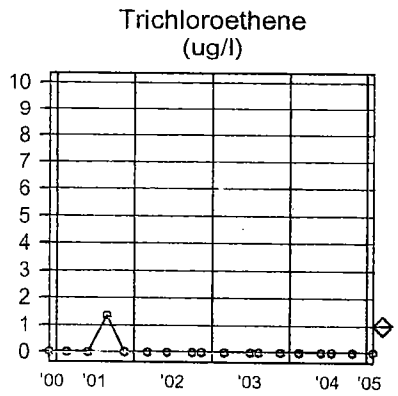
FORT MONMOUTH

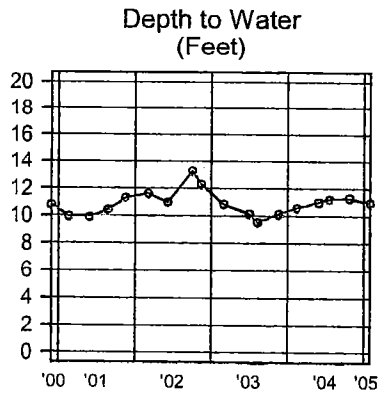
GW MONITORING
CW-1

Source 8 of 18

Ag > GW Criteria in blank for samples taken 7/97.

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





SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 01/26/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 8 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

03-23-2005 \\monm545\envr_data\MtechData\2700-CW1\CW1.WSF

	Lab	Acetone	Trichloro ethene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	700	1	10	30	-					-
11/27/2000	FMETL	ND	139.49	1.20	ND	10.46					V,S,P,M
02/15/2001	FMETL	ND	29.68	ND	ND	9.96					V,S,P,M
05/24/2001	FMETL	13.27	ND	ND	ND	10.10					V,S,P,M
05/24/2001D	FMETL	ND	ND	ND	ND	10.10					V,S,P,M
08/22/2001	FMETL	ND	ND	ND	1.86	10.31					V,S,P,M
11/16/2001	FMETL	ND	358.39	128.72	2.81	10.90					V,S,P,M
11/16/2001D	FMETL	ND	472.71	175.13	2.08	10.90					V,S,P,M
02/28/2002	FMETL	ND	ND	ND	2.25	11.09					V,S,P,M
05/31/2002	FMETL	ND	ND	ND	4.57	10.61					V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	13.68					V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	12.58					V,S,P,M
02/25/2003	FMETL	ND	1.39	ND	0.69	11.43					V,S,P,M
06/26/2003	FMETL	ND	5.07	1.04	1.34	10.78					V
08/06/2003	FMETL	ND	ND	ND	ND	10.75					V
11/18/2003	FMETL	ND	0.81	ND	ND	10.00					V
02/11/2004	FMETL	ND	ND	ND	ND	11.16					V,M
05/24/2004	FMETL	ND	ND	ND	ND	11.51					V
07/15/2004	FMETL	ND	ND	ND	ND	11.55					V
10/22/2004	FMETL	ND	ND	ND	ND	11.45					V
01/26/2005	FMETL	ND	ND	ND	ND	11.31					V

SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 01/26/2005

NOTES:

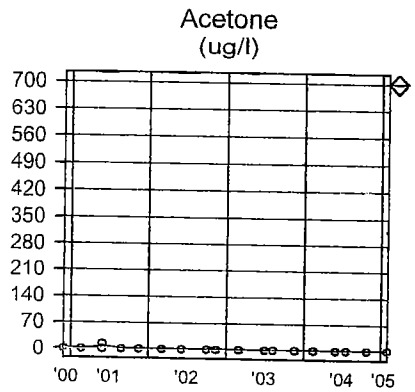
FORT MONMOUTH

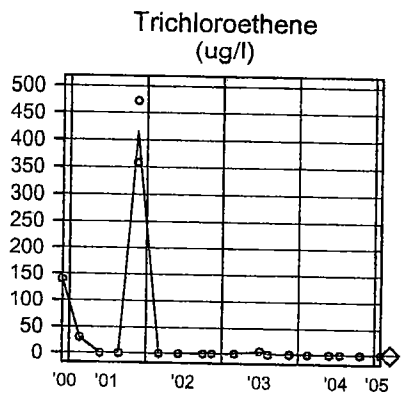
GW MONITORING
CW-1

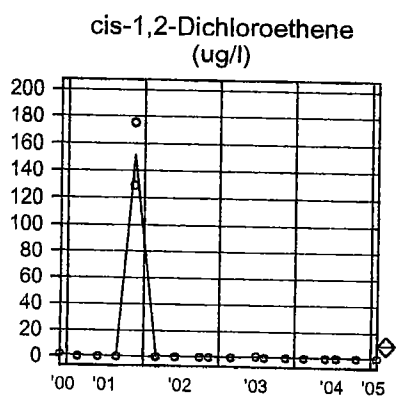
Source 9 of 18

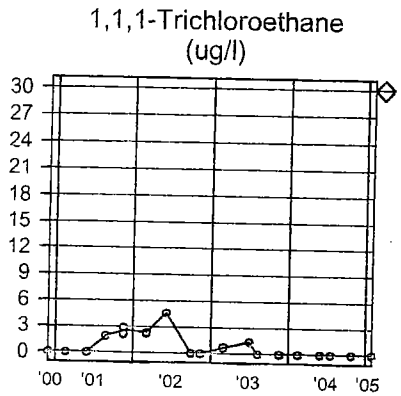
Ag > GW Criteria in blank for samples taken 7/97.

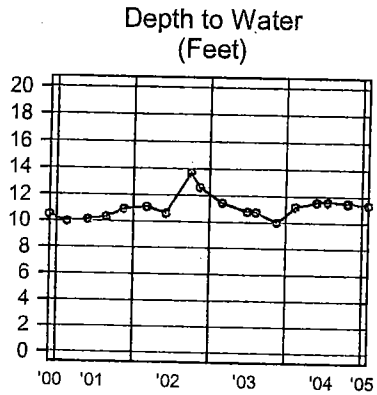
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 01/26/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 9 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	1	-								-
11/27/2000	FMETL	51.33	11.65								V,S,P,M
02/15/2001	FMETL	ND	11.3								V,S,P,M
05/24/2001	FMETL	10.77	11.43								V,S,P,M
08/22/2001	FMETL	16.24	11.57								V,S,P,M
11/16/2001	FMETL	4.91	12.04								V,S,P,M
02/28/2002	FMETL	6.38	12.23								V,S,P,M
05/31/2002	FMETL	ND	11.78								V,S,P,M
11/12/2002	FMETL	ND	12.81								V,S,P,M
02/25/2003	FMETL	ND	12.12								V,S,P,M
06/26/2003	FMETL	ND	11.28								V
08/06/2003	FMETL	ND	11.75								V
11/18/2003	FMETL	ND	11.23								V
02/11/2004	FMETL	ND	11.77								V,M
05/24/2004	FMETL	ND	12.03								V
07/15/2004	FMETL	ND	12.10								V
10/22/2004	FMETL	ND	12.03								V
01/26/2005	FMETL	ND	11.89								V

SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 01/26/2005

NOTES:

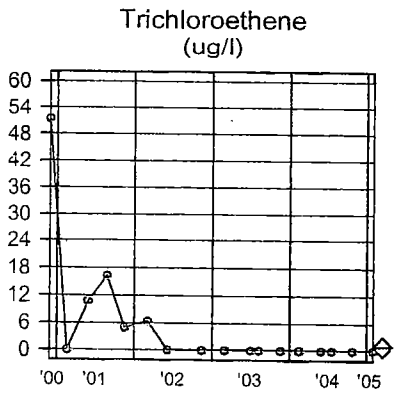
FORT MONMOUTH

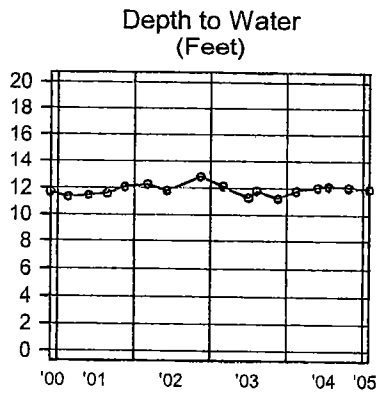
GW MONITORING
CW-1

Source 10 of 18

Ag > GW Criteria in blank for samples taken 7/97.

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





SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 01/26/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 10 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
11/27/2000	FMETL	8.01									V,S,P,M
02/15/2001	FMETL	8.55									V,S,P,M
05/31/2001	FMETL	8.72									V,S,P,M
08/24/2001	FMETL	8.83									V,S,P,M
11/16/2001	FMETL	9.20									V,S,P,M
02/28/2002	FMETL	9.34									V,S,P,M
05/31/2002	FMETL	9.03									V,S,P,M
09/30/2002	FMETL	10.50									V,S,P,M
11/12/2002	FMETL	9.34									V,S,P,M
02/25/2003	FMETL	8.71									V,S,P,M
06/26/2003	FMETL	8.32									V
08/06/2003	FMETL	8.74									V
11/18/2003	FMETL	8.56									V
02/11/2004	FMETL	8.70									V,M
05/24/2004	FMETL	8.82									V
07/15/2004	FMETL	8.90									V
10/22/2004	FMETL	8.93									V
01/27/2005	FMETL	8.86									V

SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 01/27/2005

NOTES:

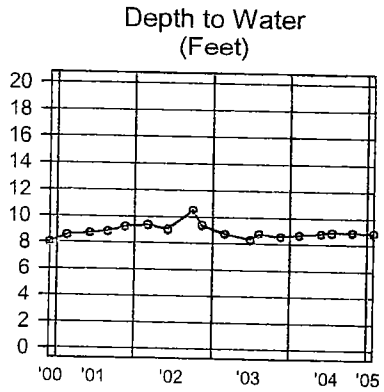
FORT MONMOUTH

GW MONITORING
CW-1

Source 12 of 18

Ag > GW Criteria in blank for samples taken 7/97.

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



SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 01/27/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 12 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

03-23-2005 \\monm545\envr_data\MtechData\2700-CW1\CW1.WSF

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
11/28/2000	FMETL	8.55									V,S,P,M
02/15/2001	FMETL	8.41									V,S,P,M
05/31/2001	FMETL	8.45									V,S,P,M
08/24/2001	FMETL	8.45									V,S,P,M
11/27/2001	FMETL	8.80									V,S,P,M
02/28/2002	FMETL	8.88									V,S,P,M
05/31/2002	FMETL	8.61									V,S,P,M
09/30/2002	FMETL	9.50									V,S,P,M
11/12/2002	FMETL	8.85									V,S,P,M
02/25/2003	FMETL	8.51									V,S,P,M
06/26/2003	FMETL	8.00									V
08/06/2003	FMETL	8.37									V
11/18/2003	FMETL	8.25									V
02/11/2004	FMETL	8.40									V,M
05/24/2004	FMETL	8.41									V
07/15/2004	FMETL	8.48									V
10/22/2004	FMETL	8.51									V
01/27/2005	FMETL	8.53									V

SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 01/27/2005

NOTES:

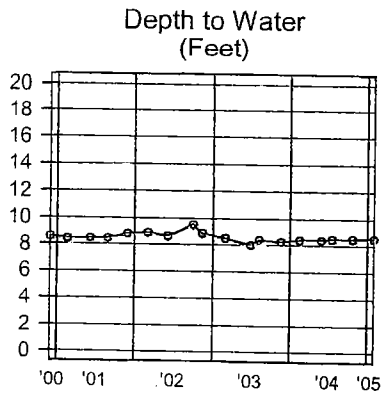
FORT MONMOUTH

GW MONITORING
CW-1

Source 13 of 18

Ag > GW Criteria in blank for samples taken 7/97.

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



SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 01/27/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 13 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

03-23-2005 \\monm545\envr_data\MtechData\2700-CW1\CW1.WSF

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
11/28/2000	FMETL	13.77									V,S,P,M
02/20/2001	FMETL	13.91									V,S,P,M
05/31/2001	FMETL	13.37									V,S,P,M
08/24/2001	FMETL	15.21									V,S,P,M
11/27/2001	FMETL	15.35									V,S,P,M
02/28/2002	FMETL	15.02									V,S,P,M
05/31/2002	FMETL	14.22									V,S,P,M
09/30/2002	FMETL	14.96									V,S,P,M
11/14/2002	FMETL	13.59									V,S,P,M
02/25/2003	FMETL	12.59									V,S,P,M
06/26/2003	FMETL	12.27									V
08/06/2003	FMETL	13.06									V
11/18/2003	FMETL	13.57									V
02/11/2004	FMETL	12.71									V,M
05/24/2004	FMETL	13.1									V
07/15/2004	FMETL	13.51									V
10/22/2004	FMETL	13.86									V
01/27/2005	FMETL	13.27									V

SOURCE: CW1MW040

Sampling Dates:
11/28/2000 - 01/27/2005

NOTES:

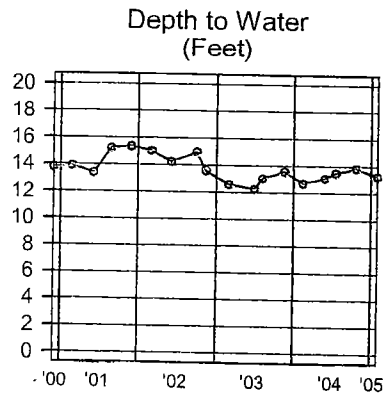
FORT MONMOUTH

GW MONITORING
CW-1

Source 18 of 18

Ag > GW Criteria in blank for samples taken 7/97.

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



SOURCE: CW1MW040

Sampling Dates:
11/28/2000 - 01/27/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 18 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

03-23-2005 \\monm545\envr_data\MtechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	Depth to Water								Notes
Units:	-	ug/l	Feet								
NJDEP Criteria:	-	1	-								-
04/22/1997	FMETL	ND	11.10								-
07/09/1997	FMETL	190	12.30								V,S,P,M
10/02/1997	FMETL	42	12.80								V,S,P,M
01/07/1998	FMETL	10.6	10.80								V,S,P,M
06/18/1998	FMETL	27.96	10.98								V,S,P,M
08/13/1998	FMETL	45	12.57								V,S,P,M
12/15/1998	FMETL	6.1	13.87								V,S,P,M
03/23/1999	FMETL	14.87	11.25								V,S,P,M
05/27/1999	FMETL	12.08	12.07								V,S,P,M
08/11/1999	FMETL	3.29	13.75								V,S,P,M
11/10/1999	FMETL	6.19	12.75								V,S,P,M
02/16/2000	FMETL	4.67	11.96								V,S,P,M
02/16/2000D	FMETL	4.83	11.96								V,S,P,M
05/17/2000	FMETL	5.51	12.14								V,S,P,M
05/17/2000D	FMETL	5.18	12.14								V,S,P,M
08/23/2000	FMETL	4.06	12.05								V,S,P,M
11/28/2000	FMETL	ND	12.32								V,S,P,M
02/20/2001	FMETL	ND	11.79								V,S,P,M
02/20/2001	FMETL	ND	11.79								V,S,P,M
05/31/2001	FMETL	ND	12.55								V,S,P,M
08/24/2001	FMETL	1.19	12.93								V,S,P,M
11/27/2001	FMETL	4.74	13.87								V,S,P,M
11/27/2001D	FMETL	5.08	13.87								V,S,P,M
02/28/2002	FMETL	13.80	13.51								V,S,P,M
05/31/2002	FMETL	25.32	12.70								V,S,P,M
09/30/2002	FMETL	6.16	13.38								V,S,P,M
11/14/2002	FMETL	ND	12.03								V,S,P,M
02/25/2003	FMETL	2.30	11.00								V,S,P,M
06/26/2003	FMETL	ND	10.69								V,S,P,M
08/06/2003	FMETL	1.74	11.50								V
11/18/2003	FMETL	1.42	12.05								V
02/11/2004	FMETL	3.48	11.14								V
05/24/2004	FMETL	4.44	11.51								V,M
07/15/2004	FMETL	20.50	11.95								V
10/22/2004	FMETL	16.03	12.31								V
01/27/2005	FMETL	7.38	10.76								V

SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 01/27/2005

NOTES:

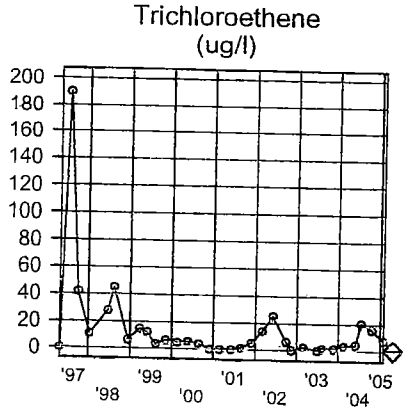
FORT MONMOUTH

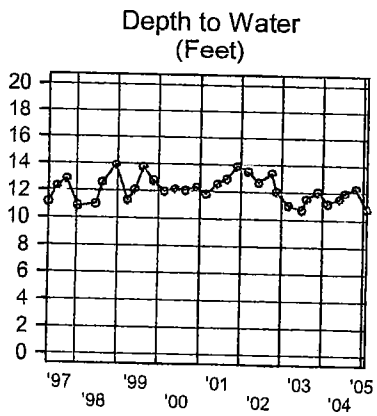
GW MONITORING
CW-1

Source 5 of 18

Ag > GW Criteria in blank for samples taken 7/97.

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





SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 01/27/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 5 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	Depth to Water								Notes
Units:	-	ug/l	Feet								
NJDEP Criteria:	-	1	-								-
											-
04/22/1997	FMETL	ND	11.15								V,S,P,M
07/09/1997	FMETL	ND	11.40								V,S,P,M
10/02/1997	FMETL	ND	11.70								V,S,P,M
01/07/1998	FMETL	ND	11.40								V,S,P,M
06/18/1998	FMETL	ND	10.89								V,S,P,M
08/13/1998	FMETL	ND	11.39								V,S,P,M
12/15/1998	FMETL	ND	12.21								V,S,P,M
03/23/1999	FMETL	ND	11.28								V,S,P,M
05/27/1999	FMETL	ND	11.54								V,S,P,M
08/11/1999	FMETL	ND	11.97								V,S,P,M
11/10/1999	FMETL	ND	11.79								V,S,P,M
02/16/2000	FMETL	ND	11.61								V,S,P,M
05/17/2000	FMETL	ND	11.59								V,S,P,M
08/23/2000	FMETL	1.96	11.33								V,S,P,M
11/27/2000	FMETL	ND	11.69								V,S,P,M
02/20/2001	FMETL	ND	11.40								V,S,P,M
05/24/2001	FMETL	ND	11.38								V,S,P,M
08/22/2001	FMETL	ND	11.59								V,S,P,M
11/16/2001	FMETL	ND	12.11								V,S,P,M
02/28/2002	FMETL	ND	12.32								V,S,P,M
05/31/2002	FMETL	ND	11.87								V,S,P,M
09/30/2002	FMETL	ND	13.78								V,S,P,M
11/12/2002	FMETL	ND	12.90								V,S,P,M
02/25/2003	FMETL	ND	12.04								V,S,P,M
06/26/2003	FMETL	ND	11.35								V,S,P,M
08/06/2003	FMETL	ND	11.77								V
11/18/2003	FMETL	ND	11.28								V
02/11/2004	FMETL	0.66	11.79								V
05/24/2004	FMETL	ND	12.05								V,M
07/15/2004	FMETL	ND	12.15								V
10/22/2004	FMETL	ND	12.06								V
01/26/2005	FMETL	ND	11.96								V
											V

SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 01/26/2005

NOTES:

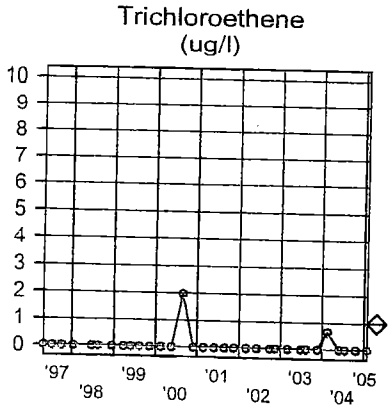
FORT MONMOUTH

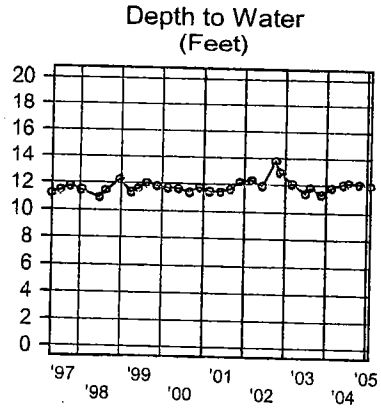
GW MONITORING
CW-1

Source 7 of 18

g > GW Criteria in blank for samples taken 7/97.

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





SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 01/26/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 7 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-4359 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: CW-1

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5022704	CW1MW026	29-32590	04/28/05
5022705	CW1MW027	29-32591	04/28/05
5022706	CW1MW028	29-32592	04/28/05
5022707	CW1MW029	29-32593	04/28/05
5022708	CW1MW030	29-43188	04/28/05
5022709	CW1MW031	29-43189	04/28/05
5022710	CW1MW032	29-43190	04/28/05
5022904	CW1MW034	29-43192	04/28/05
5022905	CW1MW035	29-43193	04/28/05
5022906	CW1MW040	29-43187	04/28/05
5022711	CW1MW281	29-35312	04/28/05
5022907	CW1MW291	29-35314	04/28/05

NJDEP Laboratory Certification # 13461

6-7-05
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

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 o compound however the result is less than the MDL but greater thar 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 o the instrument for that specific analysis.

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

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. Guenther
Phone: X20986
( )DERA ( )OMA ( )Other:_____

Project No:
Location: CW-1 (2700) 2ND QUARTER

Samplers Name / Company: Walter Funk /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15								Remarks / Preservation Method
0227 .01	T.B.	4-28-05	8:30	AQ	2	X								
.02	F.B.	4-28-05	10:30	AQ	2	X								
.03	DUP.	4-28-05	10:40	AQ	2	X								
.04	MW #26 *	4-28-05	10:40	AQ	2	X								29-32590
.05	MW #27	4-28-05	10:50	AQ	2	X								29-32591
.06	MW #28	4-28-05	11:50	AQ	2	X								29-32592
.07	MW #29	4-28-05	12:20	AQ	2	X								29-32593
.08	MW #30	4-28-05	15:20	AQ	2	X								29-43188
.09	MW #31	4-28-05	15:30	AQ	2	X								29-43189
.10	MW #32	4-28-05	1540	AQ	2	X								29-43190
.11	MW #281	4-28-05	14:40	AQ	2	X								29-35312

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	4/28/05 16:10	[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

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. Guenther
Phone: X20986
( )DERA ( )OMA ( )Other:_____

Project No:
Location: CW-1
2ND QTR 05

Samplers Name / Company: Walter Funk /TVS

Analysis Parameters

Comments:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA +15								Remarks / Preservation Method
5C229.01	TRIP BLANK	4-29-05	7:50	AQ	2	X								
.02	FIELD BLANK	4-29-05	14:00	AQ	2	X								
.03	DUP	4-29-05	14:10	AQ	2	X								
.04	MW #34	4-29-05	15:10	AQ	2	X								
.05	MW #35	4-29-05	14:35	AQ	2	X								
.06	MW #40 *	4-29-05	14:10	AQ	2	X								
.07	MW #291	4-29-05	14:40	AQ	2	X								

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	4/29/05 15:40	[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:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW026
NJDEP ID #: 29-32590
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/28/05
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.89 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.00 ft
(6.00) X .65 X 3 = 11.7
GALLONS OF H_2O TO BE PURGED: 12 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: 09:45
pH 6.56 su — TEMP 10.84 °C
DISSOLVED O_2 1.78 mg/L — SPECIFIC CONDUCTIVITY 1268.0 µs/cm

PURGE END TIME: 10:37
pH 5.08 su — TEMP 10.86 °C
DISSOLVED O_2 0.70 mg/L — SPECIFIC CONDUCTIVITY 2502.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.63 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 12 gal

SAMPLE START TIME: 10:40
pH 5.16 su — TEMP 10.86 °C
DISSOLVED O_2 0.85 mg/L — SPECIFIC CONDUCTIVITY 2569.0 µs/cm

SAMPLE END TIME: 10:40

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW027
NJDEP ID #: 29-32591
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/28/05
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.83 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.06 ft
(6.06) X .65 X 3 = 11.81
GALLONS OF H_2O TO BE PURGED: 12 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: 09:55
pH 5.92 su
DISSOLVED O_2 0.85 mg/L
TEMP 12.12 °C
SPECIFIC CONDUCTIVITY 3393.0 µs/cm

PURGE END TIME: 10:47
pH 4.97 su
DISSOLVED O_2 0.46 mg/L
TEMP 12:21 °C
SPECIFIC CONDUCTIVITY 3162.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.09 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 12 gal

SAMPLE START TIME: 10:50
pH 4.98 su
DISSOLVED O_2 0.52 mg/L
TEMP 12.26 °C
SPECIFIC CONDUCTIVITY 3174.0 µs/cm

SAMPLE END TIME: 10:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW028
NJDEP ID #: 29-32592
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/28/05
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.63 ft
DEPTH OF WELL: 16.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 5.3 ft
(5.3) X .65 X 3 = 10.33
GALLONS OF H_2O TO BE PURGED: 10 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 4.83 su — TEMP 14.87 °C
DISSOLVED O_2 0.37 mg/L — SPECIFIC CONDUCTIVITY 2681.0 µs/cm

PURGE END TIME: 11:45
pH 5.21 su — TEMP 14.74 °C
DISSOLVED O_2 0.29 mg/L — SPECIFIC CONDUCTIVITY 4157.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.76 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 10 gal

SAMPLE START TIME: 11:50
pH 4.81 su — TEMP 14.69 °C
DISSOLVED O_2 0.33 mg/L — SPECIFIC CONDUCTIVITY 4578.0 µs/cm

SAMPLE END TIME: 11:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW029
NJDEP ID #: 29-32593
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/28/05
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.57 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.3 ft
(7.3) X .65 X 3 = 14.23
GALLONS OF H_2O TO BE PURGED: 14 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: 11:10
pH 4.98 su — TEMP 12.98 °C
DISSOLVED O_2 0.69 mg/L — SPECIFIC CONDUCTIVITY 2583.0 µs/cm

PURGE END TIME: 12:11
pH 5.44 su — TEMP 12.30 °C
DISSOLVED O_2 0.23 mg/L — SPECIFIC CONDUCTIVITY 2529.0 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: 14 gal

SAMPLE START TIME: 12:20
pH 5.46 su — TEMP 12.31 °C
DISSOLVED O_2 0.42 mg/L — SPECIFIC CONDUCTIVITY 2534.0 µs/cm

SAMPLE END TIME: 12:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW030
NJDEP ID #: 29-43188
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/28/05
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.78 ft
DEPTH OF WELL: 21.45 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.67 ft
(10.67) X .65 X 3 = 20.80
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: 13:45
pH 4.68 su
TEMP 12.80 °C
DISSOLVED O_2 0.16 mg/L
SPECIFIC CONDUCTIVITY 10608.0 µs/cm

PURGE END TIME: 15:16
pH 5.68 su
TEMP 12.78 °C
DISSOLVED O_2 0.08 mg/L
SPECIFIC CONDUCTIVITY 6620.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.98 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 15:20
pH 4.87 su
TEMP 12.26 °C
DISSOLVED O_2 0.28 mg/L
SPECIFIC CONDUCTIVITY 6427.0 µs/cm

SAMPLE END TIME: 15:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW031
NJDEP ID #: 29-43189
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/28/05
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.32 ft
DEPTH OF WELL: 21.73 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.41 ft
(10.41) X .65 X 3 = 20.29
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: 13:50
pH 4.82 su — TEMP 13.32 °C
DISSOLVED O_2 0.10 mg/L — SPECIFIC CONDUCTIVITY 5988.0 µs/cm

PURGE END TIME: 15:17
pH 4.40 su — TEMP 12.75 °C
DISSOLVED O_2 0.11 mg/L — SPECIFIC CONDUCTIVITY 5507.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.47 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 15:30
pH 4.37 su — TEMP 12.67 °C
DISSOLVED O_2 0.59 mg/L — SPECIFIC CONDUCTIVITY 5422.0 µs/cm

SAMPLE END TIME: 15:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW032
NJDEP ID #: 29-43190
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/28/05
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.86 ft
DEPTH OF WELL: 21.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.94 ft
(9.94) X .65 X 3 = 19.38
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: 13:55
pH 5.73 su — TEMP 13.88 °C
DISSOLVED O_2 0.38 mg/L — SPECIFIC CONDUCTIVITY 7447.0 µs/cm

PURGE END TIME: 15:18
pH 5.61 su — TEMP 13.82 °C
DISSOLVED O_2 1.36 mg/L — SPECIFIC CONDUCTIVITY 5391.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.16 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 15:40
pH 5.68 su — TEMP 13.85 °C
DISSOLVED O_2 1.10 mg/L — SPECIFIC CONDUCTIVITY 5318.0 µs/cm

SAMPLE END TIME: 15:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW034
NJDEP ID #: 29-43192
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/29/05
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.74 ft
DEPTH OF WELL: 19.46 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.72 ft
(10.72) X .65 X 3 = 20.90
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: 13:30
pH 4.84 su — TEMP 16.85 °C
DISSOLVED O_2 1.98 mg/L — SPECIFIC CONDUCTIVITY 2459.0 µs/cm

PURGE END TIME: 15:04
pH 4.90 su — TEMP 16.43 °C
DISSOLVED O_2 0.08 mg/L — SPECIFIC CONDUCTIVITY 2109.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.30 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 15:10
pH 4.76 su — TEMP 16.67 °C
DISSOLVED O_2 0.22 mg/L — SPECIFIC CONDUCTIVITY 2014.0 µs/cm

SAMPLE END TIME: 15:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW035
NJDEP ID #: 29-43193
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/29/05
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.38 ft
DEPTH OF WELL: 16.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.1 ft
(8.1) X .65 X 3 = 15.79
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: 13:19
pH 4.68 su — TEMP 14.36 °C
DISSOLVED O_2 1.70 mg/L — SPECIFIC CONDUCTIVITY 2979.0 µs/cm

PURGE END TIME: 14:29
pH 4.37 su — TEMP 14.33 °C
DISSOLVED O_2 0.40 mg/L — SPECIFIC CONDUCTIVITY 2892.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.71 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 14:35
pH 4.28 su — TEMP 14.22 °C
DISSOLVED O_2 0.51 mg/L — SPECIFIC CONDUCTIVITY 2865.0 µs/cm

SAMPLE END TIME: 14:35

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW040
NJDEP ID #: 29-43187
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Water Funk
DATE: 04/29/05
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 12.77 ft
DEPTH OF WELL: 48.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 35.73 ft
(35.73) X .65 X 3 = 69.67
GALLONS OF H_2O TO BE PURGED: 70 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:00
pH 5.46 su — TEMP 13.42 °C
DISSOLVED O_2 0.62 mg/L — SPECIFIC CONDUCTIVITY 6872.0 µs/cm

PURGE END TIME: 14:04
pH 5.39 su — TEMP 15.01 °C
DISSOLVED O_2 0.60 mg/L — SPECIFIC CONDUCTIVITY 6541.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.11 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 70 gal

SAMPLE START TIME: 14:10
pH 5.34 su — TEMP 15.10 °C
DISSOLVED O_2 0.41 mg/L — SPECIFIC CONDUCTIVITY 6588.0 µs/cm

SAMPLE END TIME: 14:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW281
NJDEP ID #: 29-35312
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/28/05
WEATHER: Clear and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.16 ft
DEPTH OF WELL: 43.20 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 32.04 ft
(32.04) X .65 X 3 = 62.47
GALLONS OF H_2O TO BE PURGED: 62 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:07
pH 3.76 su — TEMP 14.05 °C
DISSOLVED O_2 0.11 mg/L — SPECIFIC CONDUCTIVITY 6427.0 µs/cm

PURGE END TIME: 14:37
pH 5.56 su — TEMP 16.31 °C
DISSOLVED O_2 1.45 mg/L — SPECIFIC CONDUCTIVITY 6714.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.53 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 62 gal

SAMPLE START TIME: 14:40
pH 5.59 su — TEMP 15.55 °C
DISSOLVED O_2 0.65 mg/L — SPECIFIC CONDUCTIVITY 6559.0 µs/cm

SAMPLE END TIME: 14:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW291
NJDEP ID #: 29-35314
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 04/29/05
WEATHER: Cloudy and cool.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.94 ft
DEPTH OF WELL: 18.18 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.24 ft
(6.24) X .65 X 3 = 12.16
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: 13:48
pH 4.96 su — TEMP 12.13 °C
DISSOLVED O_2 0.41 mg/L — SPECIFIC CONDUCTIVITY 2971.0 µs/cm

PURGE END TIME: 14:34
pH 4.92 su — TEMP 12.05 °C
DISSOLVED O_2 0.06 mg/L — SPECIFIC CONDUCTIVITY 2933.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.15 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 12 gal

SAMPLE START TIME: 14:40
pH 4.94 su — TEMP 11.27 °C
DISSOLVED O_2 0.12 mg/L — SPECIFIC CONDUCTIVITY 2912.0 µs/cm

SAMPLE END TIME: 14:40

COMMENTS:

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

Data File	VB019211.D	Sample Name	MB 04May05
Operator	Skelton	Field ID	MB 04May05
Date Acquired	4 May 2005 4:06 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 04May05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50227 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 04May05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019211.D

Level: (low/med) LOW Date Received: 4/28/2005

% Moisture: not dec. _____ Date Analyzed: 5/4/2005

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	VB019211.D	Sample Name	MB 04May05
Operator	Skelton	Field ID	MB 04May05
Date Acquired	4 May 2005 4:06 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 04May05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50229 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 04May05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019211.D

Level: (low/med) LOW Date Received: 4/29/2005

% Moisture: not dec. _____ Date Analyzed: 5/4/2005

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	VB019216.D	Sample Name	5022701
Operator	Skelton	Field ID	Trip Blank
Date Acquired	4 May 2005 7:30 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	16.65	13188	0.49 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50227 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019216.D

Level: (low/med) LOW Date Received: 4/28/2005

% Moisture: not dec. _____ Date Analyzed: 5/4/2005

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	VB019227.D	Sample Name	5022901
Operator	Skelton	Field ID	Trip Blank
Date Acquired	5 May 2005 2:58 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	16.67	17923	0.74 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:52 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50229 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022901

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019227.D

Level: (low/med) LOW Date Received: 4/29/2005

% Moisture: not dec. _____ Date Analyzed: 5/5/2005

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	VB019217.D	Sample Name	5022702
Operator	Skelton	Field ID	Field Blank
Date Acquired	4 May 2005 8:11 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	12179	0.45 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50227 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022702

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019217.D

Level: (low/med) LOW Date Received: 4/28/2005

% Moisture: not dec. Date Analyzed: 5/4/2005

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	VB019228.D	Sample Name	5022902
Operator	Skelton	Field ID	Field Blank
Date Acquired	5 May 2005 3:39 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	16.66	16477	0.66 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:52 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50229 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022902

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019228.D

Level: (low/med) LOW Date Received: 4/29/2005

% Moisture: not dec. _____ Date Analyzed: 5/5/2005

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	VB019218.D	Sample Name	5022703
Operator	Skelton	Field ID	Dupe
Date Acquired	4 May 2005 8:52 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50227 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022703

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019218.D

Level: (low/med) LOW Date Received: 4/28/2005

% Moisture: not dec. Date Analyzed: 5/4/2005

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	VB019229.D	Sample Name	5022903
Operator	Skelton	Field ID	Dupe
Date Acquired	5 May 2005 4:20 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:52 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50229 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022903

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019229.D

Level: (low/med) LOW Date Received: 4/29/2005

% Moisture: not dec. _____ Date Analyzed: 5/5/2005

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	VB019219.D	Sample Name	5022704
Operator	Skelton	Field ID	MW#26
Date Acquired	4 May 2005 9:32 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			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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#26**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50227 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022704

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019219.D

Level: (low/med) LOW Date Received: 4/28/2005

% Moisture: not dec. _____ Date Analyzed: 5/4/2005

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	VB019220.D	Sample Name	5022705
Operator	Skelton	Field ID	MW#27
Date Acquired	4 May 2005 10:13 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			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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#27**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50227 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022705

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019220.D

Level: (low/med) LOW Date Received: 4/28/2005

% Moisture: not dec. _____ Date Analyzed: 5/4/2005

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	VB019221.D	Sample Name	5022706
Operator	Skelton	Field ID	MW#28
Date Acquired	4 May 2005 10:53 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	19.55	11098	0.88 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			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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#28**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50227 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022706

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019221.D

Level: (low/med) LOW Date Received: 4/28/2005

% Moisture: not dec. _____ Date Analyzed: 5/4/2005

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	VB019222.D	Sample Name	5022707
Operator	Skelton	Field ID	MW#29
Date Acquired	4 May 2005 11:34 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#29**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50227 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022707

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019222.D

Level: (low/med) LOW Date Received: 4/28/2005

% Moisture: not dec. _____ Date Analyzed: 5/4/2005

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	VB019223.D	Sample Name	5022708
Operator	Skelton	Field ID	MW#30
Date Acquired	5 May 2005 12:15 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#30**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50227 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022708

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019223.D

Level: (low/med) LOW Date Received: 4/28/2005

% Moisture: not dec. _____ Date Analyzed: 5/5/2005

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	VB019224.D	Sample Name	5022709
Operator	Skelton	Field ID	MW#31
Date Acquired	5 May 2005 12:56 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#31**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50227 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022709

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019224.D

Level: (low/med) LOW Date Received: 4/28/2005

% Moisture: not dec. _____ Date Analyzed: 5/5/2005

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	VB019225.D	Sample Name	5022710
Operator	Skelton	Field ID	MW#32
Date Acquired	5 May 2005 1:36 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			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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#32**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50227 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022710

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019225.D

Level: (low/med) LOW Date Received: 4/28/2005

% Moisture: not dec. Date Analyzed: 5/5/2005

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	VB019230.D	Sample Name	5022904
Operator	Skelton	Field ID	MW#34
Date Acquired	5 May 2005 5:00 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:53 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#34**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50229 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022904

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019230.D

Level: (low/med) LOW Date Received: 4/29/2005

% Moisture: not dec. _____ Date Analyzed: 5/5/2005

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	VB019231.D	Sample Name	5022905
Operator	Skelton	Field ID	MW#35
Date Acquired	5 May 2005 5:41 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#35**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50229 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022905

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019231.D

Level: (low/med) LOW Date Received: 4/29/2005

% Moisture: not dec. _____ Date Analyzed: 5/5/2005

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	VB019232.D	Sample Name	5022906
Operator	Skelton	Field ID	MW#40
Date Acquired	5 May 2005 6:21 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			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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:53 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#40**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50229 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022906

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019232.D

Level: (low/med) LOW Date Received: 4/29/2005

% Moisture: not dec. _____ Date Analyzed: 5/5/2005

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	VB019233.D	Sample Name	5022907
Operator	Skelton	Field ID	MW#291
Date Acquired	5 May 2005 7:02 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:53 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#291**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50229 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022907

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019233.D

Level: (low/med) LOW Date Received: 4/29/2005

% Moisture: not dec. _____ Date Analyzed: 5/5/2005

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	VB019226.D	Sample Name	5022711
Operator	Skelton	Field ID	MW#281
Date Acquired	5 May 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	19.56	50768	3.88 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			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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

6/2/2005 2:34 PM

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW#281**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50227 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5022711

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019226.D

Level: (low/med) LOW Date Received: 4/28/2005

% Moisture: not dec. _____ Date Analyzed: 5/5/2005

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

	Lab	1,1,1-Tri chloro ethane	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	30	-								-
04/23/1997	FMETL	ND	8.60								V,S,P,M
07/07/1997	FMETL	ND	8.98								V,S,P,M
10/01/1997	FMETL	ND	9.45								V,S,P,M
01/06/1998	FMETL	ND	9.05								V,S,P,M
06/16/1998	FMETL	ND	8.61								V,S,P,M
08/13/1998	FMETL	ND	9.16								V,S,P,M
12/15/1998	FMETL	ND	10.18								V,S,P,M
03/23/1999	FMETL	ND	9.07								V,S,P,M
05/27/1999	FMETL	ND	9.42								V,S,P,M
08/11/1999	FMETL	ND	9.89								V,S,P,M
11/10/1999	FMETL	ND	9.70								V,S,P,M
02/16/2000	FMETL	ND	9.44								V,S,P,M
05/17/2000	FMETL	ND	9.35								V,S,P,M
08/23/2000	FMETL	ND	9.16								V,S,P,M
11/27/2000	FMETL	ND	9.64								V,S,P,M
11/27/2000D	FMETL	ND	9.64								V,S,P,M
02/15/2001	FMETL	ND	8.98								V,S,P,M
02/15/2001D	FMETL	ND	8.98								V,S,P,M
05/24/2001	FMETL	ND	9.06								V,S,P,M
08/22/2001	FMETL	ND	9.38								V,S,P,M
11/16/2001	FMETL	1.71	10.05								V,S,P,M
02/28/2002	FMETL	ND	10.33								V,S,P,M
05/31/2002	FMETL	ND	9.81								V,S,P,M
09/30/2002	FMETL	ND	13.90								V,S,P,M
11/12/2002	FMETL	ND	12.58								V,S,P,M
02/25/2003	FMETL	ND	10.85								V,S,P,M
06/26/2003	FMETL	ND	10.38								V,S,P,M
08/06/2003	FMETL	ND	9.88								V
11/18/2003	FMETL	ND	9.10								V
02/11/2004	FMETL	ND	10.74								V
05/24/2004	FMETL	ND	11.15								V,M
07/15/2004	FMETL	ND	11.15								V
10/22/2004	FMETL	ND	11.15								V
01/26/2005	FMETL	ND	10.88								V
04/28/2005	FMETL	ND	10.89								V

SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 04/28/2005

NOTES:

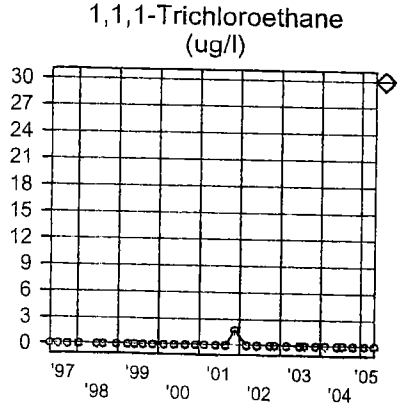
FORT MONMOUTH

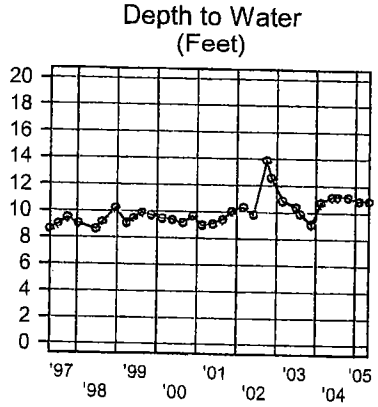
GW MONITORING
CW-1

Source 1 of 18

Ag > GW Criteria in blank for samples taken 7/97.

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





SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 04/28/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 1 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	1,1-Di chloro ethene	Trichloro ethene	1,1,1-Tri chloro ethane	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	2	1	30	-						-
04/23/1997	FMETL	ND	ND	ND	8.60						V,S,P,M
07/07/1997	FMETL	ND	ND	ND	9.00						V,S,P,M
10/01/1997	FMETL	ND	ND	ND	9.50						V,S,P,M
01/06/1998	FMETL	ND	ND	ND	8.95						V,S,P,M
06/16/1998	FMETL	ND	ND	ND	8.38						V,S,P,M
08/13/1998	FMETL	ND	ND	ND	8.98						V,S,P,M
12/15/1998	FMETL	ND	ND	ND	10.13						V,S,P,M
03/23/1999	FMETL	ND	ND	ND	8.93						V,S,P,M
05/27/1999	FMETL	ND	ND	ND	9.30						V,S,P,M
08/11/1999	FMETL	ND	ND	ND	9.84						V,S,P,M
11/10/1999	FMETL	ND	ND	ND	9.66						V,S,P,M
02/16/2000	FMETL	ND	ND	ND	9.37						V,S,P,M
05/17/2000	FMETL	ND	ND	ND	9.24						V,S,P,M
08/23/2000	FMETL	ND	1.46	ND	9.52						V,S,P,M
11/27/2000	FMETL	ND	ND	ND	9.58						V,S,P,M
02/15/2001	FMETL	ND	ND	ND	8.84						V,S,P,M
05/24/2001	FMETL	ND	ND	ND	8.89						V,S,P,M
08/22/2001	FMETL	ND	ND	ND	9.20						V,S,P,M
11/16/2001	FMETL	ND	ND	3.06	10.00						V,S,P,M
02/28/2002	FMETL	ND	7.14	4.48	10.25						V,S,P,M
05/31/2002	FMETL	ND	ND	ND	9.70						V,S,P,M
09/30/2002	FMETL	ND	ND	ND	13.77						V,S,P,M
11/12/2002	FMETL	ND	ND	ND	12.48						V,S,P,M
02/25/2003	FMETL	ND	ND	ND	10.52						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	10.25						V
08/06/2003	FMETL	ND	ND	1.11	9.62						V
11/18/2003	FMETL	0.67	ND	4.21	8.91						V
02/11/2004	FMETL	ND	ND	0.48	10.54						V,M
05/24/2004	FMETL	ND	ND	ND	11.04						V
07/15/2004	FMETL	ND	ND	ND	11.05						V
10/22/2004	FMETL	ND	ND	ND	11.05						V
01/26/2005	FMETL	ND	ND	ND	10.76						V
04/28/2005	FMETL	ND	ND	ND	10.83						V

SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 04/28/2005

NOTES:

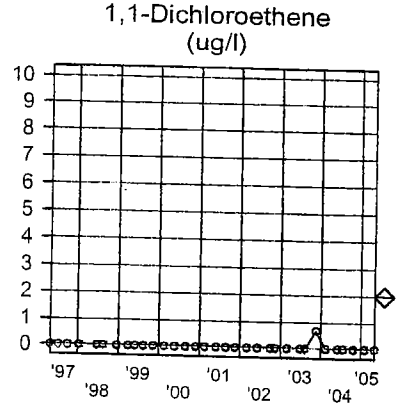
FORT MONMOUTH

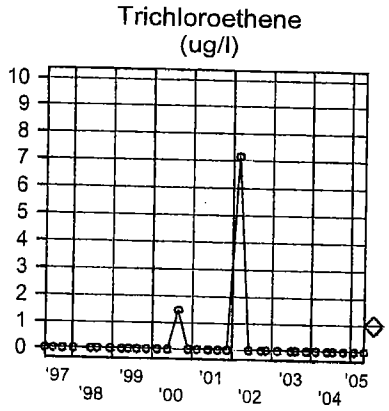
GW MONITORING
CW-1

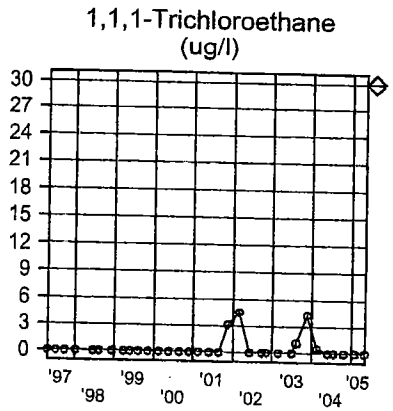
Source 2 of 18

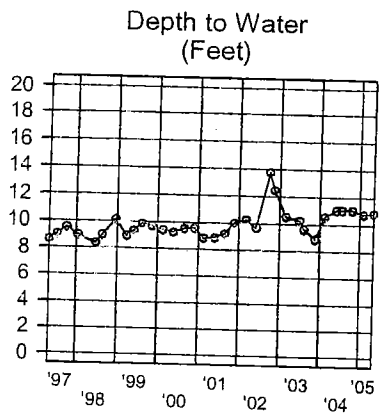
g > GW Criteria in blank for samples taken 7/97.

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









SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 04/28/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 2 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	10	30	-						-
04/23/1997	FMETL	ND	ND	ND	9.05						V,S,P,M
07/07/1997	FMETL	ND	ND	ND	9.20						V,S,P,M
10/01/1997	FMETL	59.4	ND	ND	9.70						V,S,P,M
01/06/1998	FMETL	27.7	ND	ND	9.40						V,S,P,M
06/16/1998	FMETL	ND	ND	ND	8.84						V,S,P,M
08/13/1998	FMETL	ND	ND	ND	9.51						V,S,P,M
12/15/1998	FMETL	33.9	ND	ND	10.63						V,S,P,M
03/23/1999	FMETL	7.15	ND	ND	9.38						V,S,P,M
05/27/1999	FMETL	3.10	ND	ND	9.79						V,S,P,M
08/11/1999	FMETL	297.82	1.59	ND	10.32						V,S,P,M
11/10/1999	FMETL	174.48	25.4	ND	10.13						V,S,P,M
02/16/2000	FMETL	103.32	4.24	ND	9.84						V,S,P,M
05/17/2000	FMETL	8.48	ND	ND	9.75						V,S,P,M
08/23/2000	FMETL	43.36	ND	ND	9.06						V,S,P,M
11/27/2000	FMETL	70.95	ND	ND	10.02						V,S,P,M
02/15/2001	FMETL	9.23	ND	ND	9.31						V,S,P,M
05/24/2001	FMETL	ND	ND	2.83	9.36						V,S,P,M
08/22/2001	FMETL	3.32	ND	ND	9.77						V,S,P,M
11/16/2001	FMETL	26.20	ND	ND	10.49						V,S,P,M
09/30/2002	FMETL	ND	ND	ND	13.62						V
06/26/2003	FMETL	ND	ND	ND	10.11						V
08/06/2003	FMETL	1.18	ND	ND	7.95						V
11/18/2003	FMETL	2.08	ND	ND	7.98						V
02/11/2004	FMETL	ND	ND	ND	9.88						V,M
05/24/2004	FMETL	ND	ND	ND	10.65						V
07/15/2004	FMETL	ND	ND	ND	10.58						V
10/22/2004	FMETL	ND	ND	ND	10.71						V
01/26/2005	FMETL	1.61	ND	ND	10.12						V
04/28/2005	FMETL	0.88	ND	ND	9.63						V

SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 04/28/2005

NOTES:

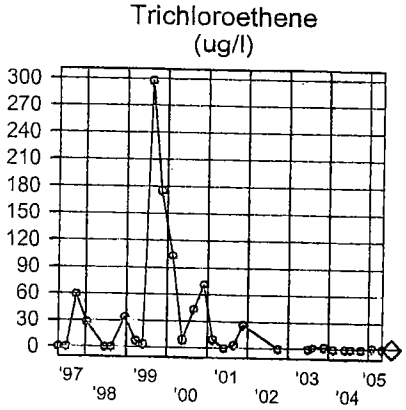
FORT MONMOUTH

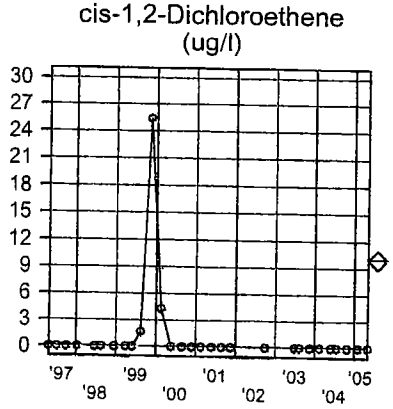
GW MONITORING
CW-1

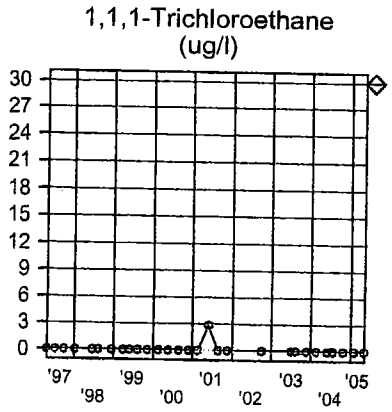
Source 3 of 18

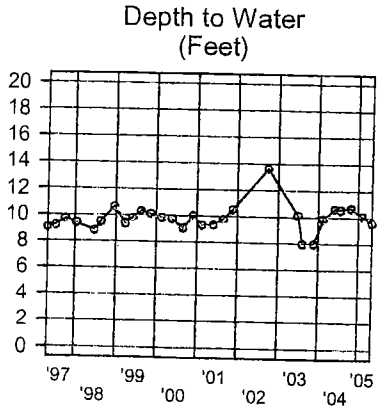
Ag > GW Criteria in blank for samples taken 7/97.

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









SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 04/28/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 3 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	trans-1,2-Dichloro ethene	1,1,1-Tri chloro ethane	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	1	9	10	100	30	-				-
04/23/1997	FMETL	3200	1.55	47	ND	ND	8.90				V,S,P,M
07/07/1997	FMETL	4900	ND	92	ND	ND	9.30				V,S,P,M
10/01/1997	FMETL	7820	ND	290	ND	ND	9.98				V,S,P,M
01/06/1998	FMETL	1705	ND	67	ND	ND	9.10				V,S,P,M
06/16/1998	FMETL	83.11	ND	11.97	ND	ND	8.67				V,S,P,M
08/13/1998	FMETL	498	3.98	88	ND	ND	9.26				V,S,P,M
12/12/1998	FMETL	374.58	ND	161.61	ND	ND	10.30				V,S,P,M
03/23/1999	FMETL	1342	4.27	126.68	ND	ND	9.90				V,S,P,M
05/27/1999	FMETL	950.05	5.08	75.55	ND	ND	9.59				V,S,P,M
08/11/1999	FMETL	288.11	ND	523.43	ND	ND	10.00				V,S,P,M
11/10/1999	FMETL	62.96	5.44	746.30	ND	ND	9.81				V,S,P,M
02/16/2000	FMETL	41.51	1.67	175.38	ND	ND	9.54				V,S,P,M
05/17/2000	FMETL	357.72	2.10	186.08	5.20	ND	9.47				V,S,P,M
08/23/2000	FMETL	263.49	2.21	352.10	ND	ND	9.24				V,S,P,M
11/27/2000	FMETL	54.06	ND	96.55	ND	ND	9.71				V,S,P,M
02/15/2001	FMETL	1951.41	ND	250.62	ND	ND	9.09				V,S,P,M
05/24/2001	FMETL	470.48	1.50	66.54	3.72	ND	9.14				V,S,P,M
08/22/2001	FMETL	2040.65	1.77	340.29	ND	ND	9.44				V,S,P,M
11/16/2001	FMETL	67.36	ND	118.26	ND	3.02	10.08				V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	ND	12.91				V
06/26/2003	FMETL	ND	ND	ND	ND	ND	9.63				V
08/06/2003	FMETL	ND	ND	ND	ND	ND	7.55				V
11/18/2003	FMETL	ND	ND	ND	ND	ND	7.85				V
02/11/2004	FMETL	ND	ND	ND	ND	ND	9.45				V,M
05/24/2004	FMETL	7.17	ND	ND	ND	ND	10.45				V
07/15/2004	FMETL	17.49	ND	ND	ND	ND	9.82				V
10/22/2004	FMETL	ND	ND	ND	ND	ND	10.2				V
01/26/2005	FMETL	0.62	ND	ND	ND	ND	9.50				V
04/28/2005	FMETL	ND	ND	ND	ND	ND	9.57				V
04/28/2005	FMETL	ND	ND	ND	ND	ND	10.78				V

SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 04/28/2005

NOTES:

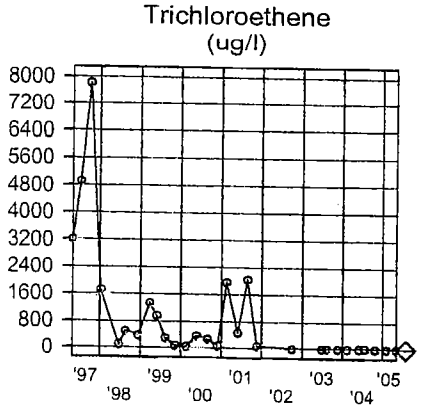
FORT MONMOUTH

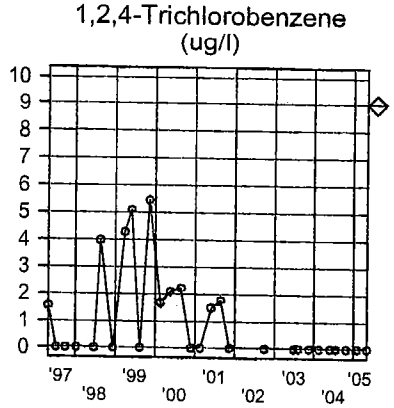
GW MONITORING
CW-1

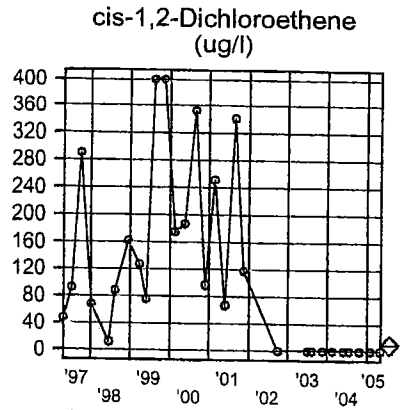
Source 4 of 18

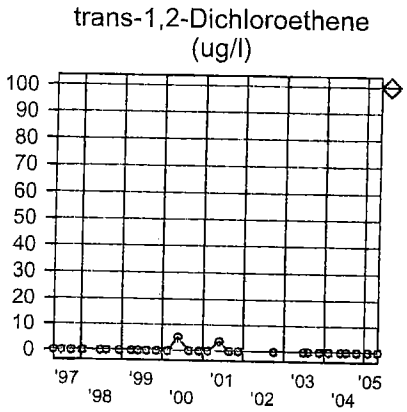
Ag > GW Criteria in blank for samples taken 7/97.

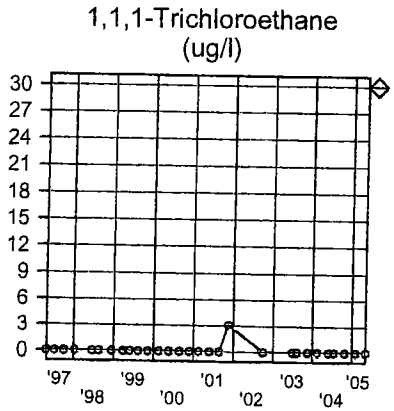
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

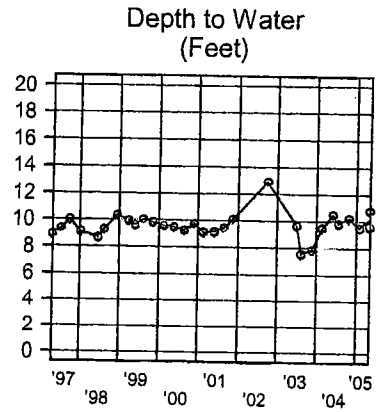












SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 04/28/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 4 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

06-06-2005 \\monm545\envr_data\MtechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	1	-								-
11/27/2000	FMETL	ND	10.73								V,S,P,M
02/15/2001	FMETL	ND	9.91								V,S,P,M
05/24/2001	FMETL	ND	9.89								V,S,P,M
08/22/2001	FMETL	1.36	10.41								V,S,P,M
11/16/2001	FMETL	ND	11.26								V,S,P,M
02/28/2002	FMETL	ND	11.59								V,S,P,M
05/31/2002	FMETL	ND	10.96								V,S,P,M
09/30/2002	FMETL	ND	13.25								V,S,P,M
11/12/2002	FMETL	ND	12.27								V,S,P,M
02/25/2003	FMETL	ND	10.81								V,S,P,M
06/26/2003	FMETL	ND	10.11								V,S,P,M
08/06/2003	FMETL	ND	9.52								V
11/18/2003	FMETL	ND	10.10								V
02/11/2004	FMETL	ND	10.54								V
05/24/2004	FMETL	ND	10.97								V,M
07/15/2004	FMETL	ND	11.18								V
10/22/2004	FMETL	ND	11.29								V
01/26/2005	FMETL	ND	10.94								V

SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 01/26/2005

NOTES:

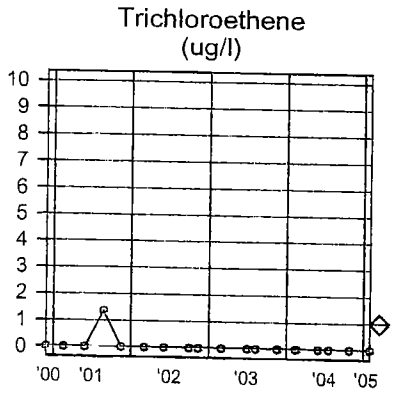
FORT MONMOUTH

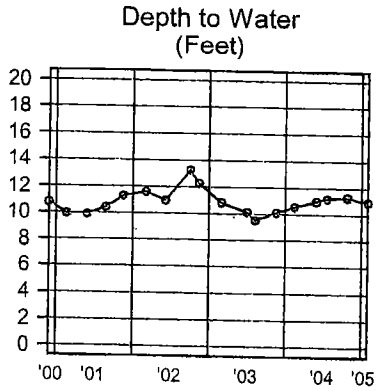
GW MONITORING
CW-1

Source 8 of 18

Ag > GW Criteria in blank for samples taken 7/97.

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





SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 01/26/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 8 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	10	30	-						-
11/27/2000	FMETL	139.49	1.20	ND	10.46						V,S,P,M
02/15/2001	FMETL	29.68	ND	ND	9.96						V,S,P,M
05/24/2001	FMETL	ND	ND	ND	10.10						V,S,P,M
05/24/2001D	FMETL	ND	ND	ND	10.10						V,S,P,M
08/22/2001	FMETL	ND	ND	1.86	10.31						V,S,P,M
11/16/2001	FMETL	358.39	128.72	2.81	10.90						V,S,P,M
11/16/2001D	FMETL	472.71	175.13	2.08	10.90						V,S,P,M
02/28/2002	FMETL	ND	ND	2.25	11.09						V,S,P,M
05/31/2002	FMETL	ND	ND	4.57	10.61						V,S,P,M
09/30/2002	FMETL	ND	ND	ND	13.68						V,S,P,M
11/12/2002	FMETL	ND	ND	ND	12.58						V,S,P,M
02/25/2003	FMETL	1.39	ND	0.69	11.43						V,S,P,M
06/26/2003	FMETL	5.07	1.04	1.34	10.78						V,S,P,M
08/06/2003	FMETL	ND	ND	ND	10.75						V
11/18/2003	FMETL	0.81	ND	ND	10.00						V
02/11/2004	FMETL	ND	ND	ND	11.16						V
05/24/2004	FMETL	ND	ND	ND	11.51						V,M
07/15/2004	FMETL	ND	ND	ND	11.55						V
10/22/2004	FMETL	ND	ND	ND	11.45						V
01/26/2005	FMETL	ND	ND	ND	11.31						V
04/28/2005	FMETL	ND	ND	ND	11.32						V

SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 04/28/2005

NOTES:

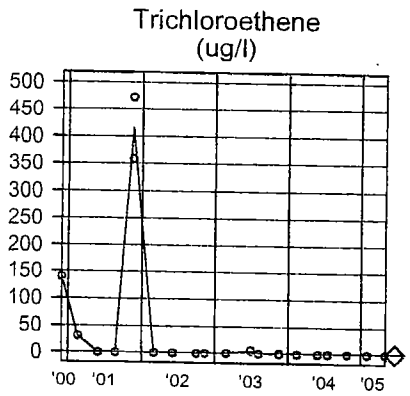
FORT MONMOUTH

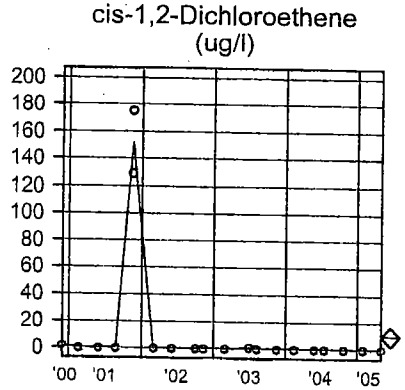
GW MONITORING
CW-1

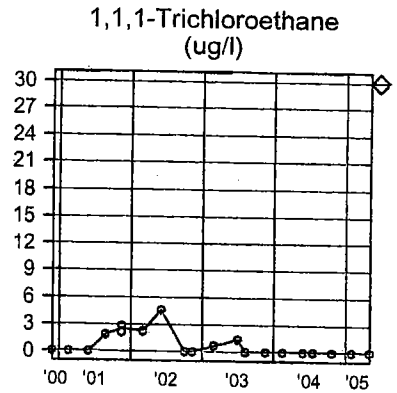
Source 9 of 18

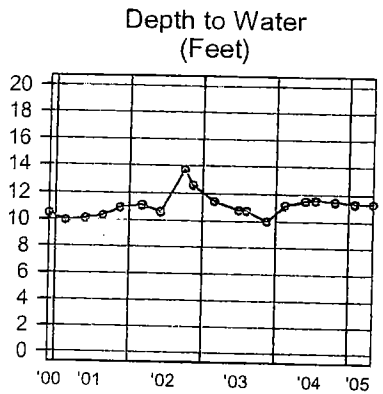
Ag > GW Criteria in blank for samples taken 7/97.

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









SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 04/28/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 9 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	cis-1,2-Di chloro ethene	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							
NJDEP Criteria:	-	1	10	-							-
11/27/2000	FMETL	51.33	1.67	11.65							-
02/15/2001	FMETL	ND	ND	11.3							V,S,P,M
05/24/2001	FMETL	10.77	ND	11.43							V,S,P,M
08/22/2001	FMETL	16.24	ND	11.57							V,S,P,M
11/16/2001	FMETL	4.91	ND	12.04							V,S,P,M
02/28/2002	FMETL	6.38	ND	12.23							V,S,P,M
05/31/2002	FMETL	ND	ND	11.78							V,S,P,M
11/12/2002	FMETL	ND	ND	12.81							V,S,P,M
02/25/2003	FMETL	ND	ND	12.12							V,S,P,M
06/26/2003	FMETL	ND	ND	11.28							V,S,P,M
08/06/2003	FMETL	ND	ND	11.75							V
11/18/2003	FMETL	ND	ND	11.23							V
02/11/2004	FMETL	ND	ND	11.77							V
05/24/2004	FMETL	ND	ND	12.03							V,M
07/15/2004	FMETL	ND	ND	12.10							V
10/22/2004	FMETL	ND	ND	12.03							V
01/26/2005	FMETL	ND	ND	11.89							V
04/28/2005	FMETL	ND	ND	11.86							V

SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 04/28/2005

NOTES:

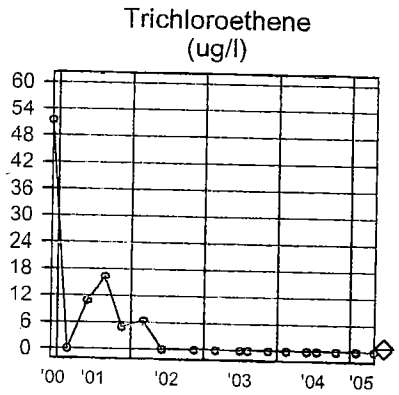
FORT MONMOUTH

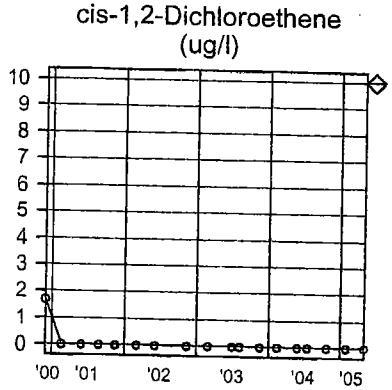
GW MONITORING
CW-1

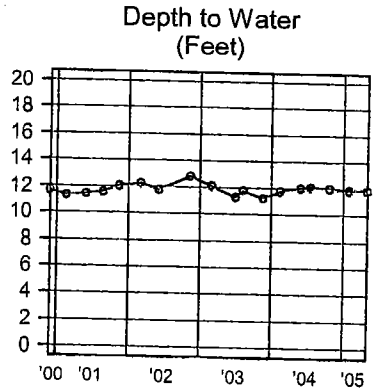
Source 10 of 18

Ag > GW Criteria in blank for samples taken 7/97.

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







SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 04/28/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 10 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
11/27/2000	FMETL	8.01									V,S,P,M
02/15/2001	FMETL	8.55									V,S,P,M
05/31/2001	FMETL	8.72									V,S,P,M
08/24/2001	FMETL	8.83									V,S,P,M
11/16/2001	FMETL	9.20									V,S,P,M
02/28/2002	FMETL	9.34									V,S,P,M
05/31/2002	FMETL	9.03									V,S,P,M
09/30/2002	FMETL	10.50									V,S,P,M
11/12/2002	FMETL	9.34									V,S,P,M
02/25/2003	FMETL	8.71									V,S,P,M
06/26/2003	FMETL	8.32									V
08/06/2003	FMETL	8.74									V
11/18/2003	FMETL	8.56									V
02/11/2004	FMETL	8.70									V,M
05/24/2004	FMETL	8.82									V
07/15/2004	FMETL	8.90									V
10/22/2004	FMETL	8.93									V
01/27/2005	FMETL	8.86									V
04/29/2005	FMETL	8.74									V

SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 04/29/2005

NOTES:

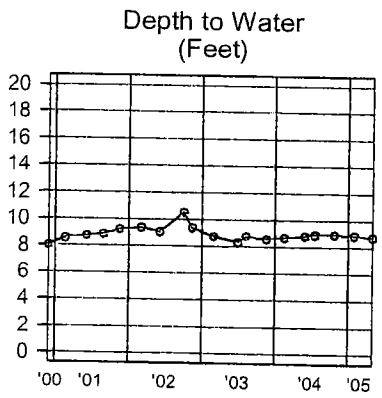
FORT MONMOUTH

GW MONITORING
CW-1

Source 12 of 18

Ag > GW Criteria in blank for samples taken 7/97.

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



SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 04/29/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 12 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
11/28/2000	FMETL	8.55									V,S,P,M
02/15/2001	FMETL	8.41									V,S,P,M
05/31/2001	FMETL	8.45									V,S,P,M
08/24/2001	FMETL	8.45									V,S,P,M
11/27/2001	FMETL	8.80									V,S,P,M
02/28/2002	FMETL	8.88									V,S,P,M
05/31/2002	FMETL	8.61									V,S,P,M
09/30/2002	FMETL	9.50									V,S,P,M
11/12/2002	FMETL	8.85									V,S,P,M
02/25/2003	FMETL	8.51									V,S,P,M
06/26/2003	FMETL	8.00									V
08/06/2003	FMETL	8.37									V
11/18/2003	FMETL	8.25									V
02/11/2004	FMETL	8.40									V,M
05/24/2004	FMETL	8.41									V
07/15/2004	FMETL	8.48									V
10/22/2004	FMETL	8.51									V
01/27/2005	FMETL	8.53									V
04/29/2005	FMETL	8.38									V

SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 04/29/2005

NOTES:

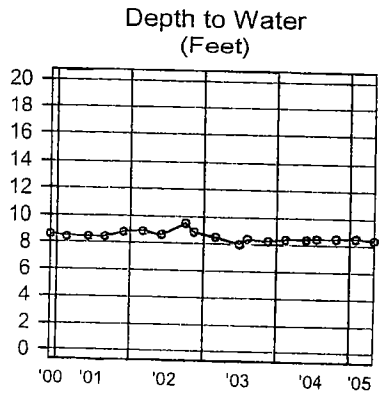
FORT MONMOUTH

GW MONITORING
CW-1

Source 13 of 18

Ag > GW Criteria in blank for samples taken 7/97.

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



SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 04/29/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 13 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
11/28/2000	FMETL	13.77									V,S,P,M
02/20/2001	FMETL	13.91									V,S,P,M
05/31/2001	FMETL	13.37									V,S,P,M
08/24/2001	FMETL	15.21									V,S,P,M
11/27/2001	FMETL	15.35									V,S,P,M
02/28/2002	FMETL	15.02									V,S,P,M
05/31/2002	FMETL	14.22									V,S,P,M
09/30/2002	FMETL	14.96									V,S,P,M
11/14/2002	FMETL	13.59									V,S,P,M
02/25/2003	FMETL	12.59									V,S,P,M
06/26/2003	FMETL	12.27									V
08/06/2003	FMETL	13.06									V
11/18/2003	FMETL	13.57									V
02/11/2004	FMETL	12.71									V,M
05/24/2004	FMETL	13.1									V
07/15/2004	FMETL	13.51									V
10/22/2004	FMETL	13.86									V
01/27/2005	FMETL	13.27									V
04/29/2005	FMETL	12.77									V

SOURCE: CW1MW040

Sampling Dates:
11/28/2000 - 04/29/2005

NOTES:

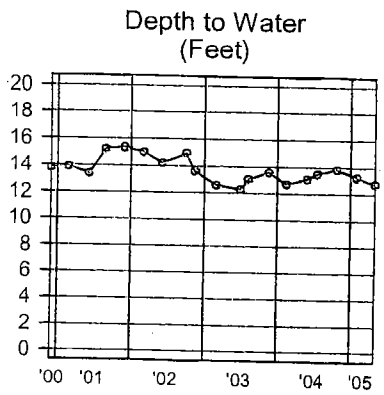
FORT MONMOUTH

GW MONITORING
CW-1

Source 18 of 18

Ag > GW Criteria in blank for samples taken 7/97.

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



SOURCE: CW1MW040

Sampling Dates:
11/28/2000 - 04/29/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 18 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	Depth to Water								Notes
Units:	-	ug/l	Feet								
NJDEP Criteria:	-	1	-								-
04/22/1997	FMETL	ND	11.10								-
07/09/1997	FMETL	190	12.30								V,S,P,M
10/02/1997	FMETL	42	12.80								V,S,P,M
01/07/1998	FMETL	10.6	10.80								V,S,P,M
06/18/1998	FMETL	27.96	10.98								V,S,P,M
08/13/1998	FMETL	45	12.57								V,S,P,M
12/15/1998	FMETL	6.1	13.87								V,S,P,M
03/23/1999	FMETL	14.87	11.25								V,S,P,M
05/27/1999	FMETL	12.08	12.07								V,S,P,M
08/11/1999	FMETL	3.29	13.75								V,S,P,M
11/10/1999	FMETL	6.19	12.75								V,S,P,M
02/16/2000	FMETL	4.67	11.96								V,S,P,M
02/16/2000D	FMETL	4.83	11.96								V,S,P,M
05/17/2000	FMETL	5.51	12.14								V,S,P,M
05/17/2000D	FMETL	5.18	12.14								V,S,P,M
08/23/2000	FMETL	4.06	12.05								V,S,P,M
11/28/2000	FMETL	ND	12.32								V,S,P,M
02/20/2001	FMETL	ND	11.79								V,S,P,M
02/20/2001	FMETL	ND	11.79								V,S,P,M
05/31/2001	FMETL	ND	12.55								V,S,P,M
08/24/2001	FMETL	1.19	12.93								V,S,P,M
11/27/2001	FMETL	4.74	13.87								V,S,P,M
11/27/2001D	FMETL	5.08	13.87								V,S,P,M
02/28/2002	FMETL	13.80	13.51								V,S,P,M
05/31/2002	FMETL	25.32	12.70								V,S,P,M
09/30/2002	FMETL	6.16	13.38								V,S,P,M
11/14/2002	FMETL	ND	12.03								V,S,P,M
02/25/2003	FMETL	2.30	11.00								V,S,P,M
06/26/2003	FMETL	ND	10.69								V,S,P,M
08/06/2003	FMETL	1.74	11.50								V
11/18/2003	FMETL	1.42	12.05								V
02/11/2004	FMETL	3.48	11.14								V
05/24/2004	FMETL	4.44	11.51								V,M
07/15/2004	FMETL	20.50	11.95								V
10/22/2004	FMETL	16.03	12.31								V
01/27/2005	FMETL	7.38	10.76								V
04/28/2005	FMETL	3.88	11.16								V

SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 04/28/2005

NOTES:

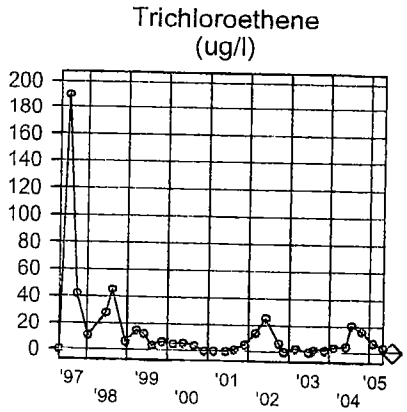
FORT MONMOUTH

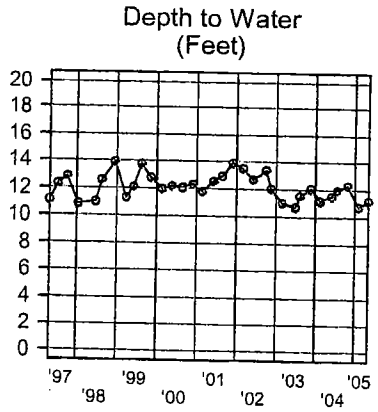
GW MONITORING
CW-1

Source 5 of 18

^g > GW Criteria in blank for samples taken 7/97.

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





SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 04/28/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 5 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	Depth to Water								Notes
Units:	-	ug/l	Feet								
NJDEP Criteria:	-	1	-								-
04/22/1997	FMETL	ND	11.15								-
07/09/1997	FMETL	ND	11.40								V,S,P,M
10/02/1997	FMETL	ND	11.70								V,S,P,M
01/07/1998	FMETL	ND	11.40								V,S,P,M
06/18/1998	FMETL	ND	10.89								V,S,P,M
08/13/1998	FMETL	ND	11.39								V,S,P,M
12/15/1998	FMETL	ND	12.21								V,S,P,M
03/23/1999	FMETL	ND	11.28								V,S,P,M
05/27/1999	FMETL	ND	11.54								V,S,P,M
08/11/1999	FMETL	ND	11.97								V,S,P,M
11/10/1999	FMETL	ND	11.79								V,S,P,M
02/16/2000	FMETL	ND	11.61								V,S,P,M
05/17/2000	FMETL	ND	11.59								V,S,P,M
08/23/2000	FMETL	1.96	11.33								V,S,P,M
11/27/2000	FMETL	ND	11.69								V,S,P,M
02/20/2001	FMETL	ND	11.40								V,S,P,M
05/24/2001	FMETL	ND	11.38								V,S,P,M
08/22/2001	FMETL	ND	11.59								V,S,P,M
11/16/2001	FMETL	ND	12.11								V,S,P,M
02/28/2002	FMETL	ND	12.32								V,S,P,M
05/31/2002	FMETL	ND	11.87								V,S,P,M
09/30/2002	FMETL	ND	13.78								V,S,P,M
11/12/2002	FMETL	ND	12.90								V,S,P,M
02/25/2003	FMETL	ND	12.04								V,S,P,M
06/26/2003	FMETL	ND	11.35								V,S,P,M
08/06/2003	FMETL	ND	11.77								V
11/18/2003	FMETL	ND	11.28								V
02/11/2004	FMETL	0.66	11.79								V
05/24/2004	FMETL	ND	12.05								V,M
07/15/2004	FMETL	ND	12.15								V
10/22/2004	FMETL	ND	12.06								V
01/26/2005	FMETL	ND	11.96								V
04/29/2005	FMETL	ND	11.94								V

SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 04/29/2005

NOTES:

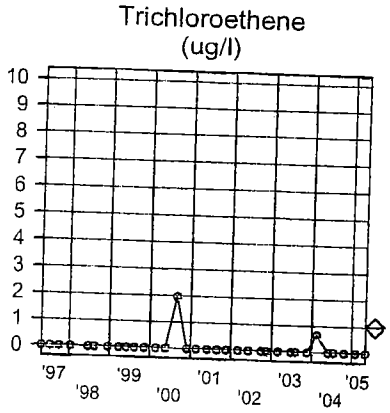
FORT MONMOUTH

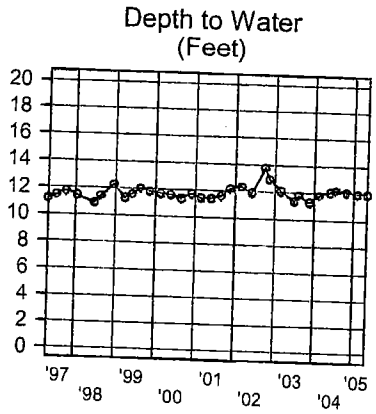
GW MONITORING
CW-1

Source 7 of 18

Ag > GW Criteria in blank for samples taken 7/97.

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





SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 04/29/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 7 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-4359 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: CW-1

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5036104	CW1MW026	29-32590	07/21/05
5036105	CW1MW027	29-32591	07/21/05
5036106	CW1MW028	29-32592	07/21/05
5036107	CW1MW029	29-32593	07/21/05
5036108	CW1MW030	29-43188	07/21/05
5036304	CW1MW031	29-43189	07/22/05
5036305	CW1MW032	29-43190	07/22/05
5036306	CW1MW034	29-43192	07/22/05
5036307	CW1MW035	29-43193	07/22/05
5036308	CW1MW040	29-43187	07/22/05
5036309	CW1MW281	29-35312	07/22/05
5036310	CW1MW291	29-35314	07/22/05

NJDEP Laboratory Certification # 13461

8-8-05

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. Gardner
Phone: X209816
( )DERA ( )OMA ( )Other:_____

Project No:
Location: CW-1 (2700)

Samplers Name / Company: Walter Funk/TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA +15								Remarks / Preservation Method
5E3361 .01	CW-1 2700 TRIP BLANK	7-21-05	11:30	AQ	2	X								
.02	CW-1 2700 FIELD BLANK	7-21-05	14:30	AQ	2	X								
.03	CW-1 2700 DUP	7-21-05	—	AQ	2	X								
.04	CW-1 2700 MW#26	7-21-05	14:40	AQ	2	X								29-32590
.05	CW-1 2700* MW#27	7-21-05	14:50	AQ	2	X								29-32591
.06	CW-1 2700 MW#28	7-21-05	15:20	AQ	2	X								29-32592
.07	CW-1 2700 MW#29	7-21-05	15:30	AQ	2	X								29-32593
.08	CW-1 2700 MW#30	7-21-05	15:50	AQ	2	X								29-43188

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	7/21/05 16:10	[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

Page ____ of ____

296 XLS 4/29/2005

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. Guenther
Phone: X20986
( )DERA ( )OMA ( )Other:

Project No:
Location: CW1
3RD QTR 05

Samplers Name / Company: Walter Funk/TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA +15								Comments: Remarks / Preservation Method
503613 .01	CW-1 2700 TRIP BLANK	7-22-05	8:00	AQ	2	X								
.02	CW-1 2700 FIELD BLANK	7-22-05	11:30	AQ	2	X								
.03	CW-1 2700 DUP.	7-22-05	—	AQ	2	X								
.04	CW-1 2700* MW#31	7-22-05	11:50	AQ	2	X								29-43189
.05	CW-1 2700 MW#32	7-22-05	12:00	AQ	2	X								29-43190
.06	CW-1 2700 MW#34	7-22-05	12:10	AQ	2	X								29-43192
.07	CW-1 2700 MW#35	7-22-05	11:40	AQ	2	X								29-43193
.08	CW-1 2700 MW#40	7-22-05	14:40	AQ	2	X								29-43187
.09	CW-1 2700 MW#281	7-22-05	13:50	AQ	2	X								29-35312
.10	CW-1 2700 MW#291	7-22-05	13:30	AQ	2	X								29-35314

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	7/26/05 15:07	[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

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW026
NJDEP ID #: 29-32590
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/21/05
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.02 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.87 ft
(7.87) X .65 X 3 = 15.34
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: 13:25
pH 5.79 su — TEMP 17.27 °C
DISSOLVED O_2 5.54 mg/L — SPECIFIC CONDUCTIVITY 1101.0 µs/cm

PURGE END TIME: 14:35
pH 5.66 su — TEMP 18.08 °C
DISSOLVED O_2 5.56 mg/L — SPECIFIC CONDUCTIVITY 2727.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.73 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 14:40
pH 5.03 su — TEMP 16.56 °C
DISSOLVED O_2 5.34 mg/L — SPECIFIC CONDUCTIVITY 2473.0 µs/cm

SAMPLE END TIME: 14:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW027
NJDEP ID #: 29-32591
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/21/05
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.84 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.85 ft
(8.85) X .65 X 3 = 15.65
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: 13:35
pH 4.82 su
DISSOLVED O_2 4.23 mg/L
TEMP 17.63 °C
SPECIFIC CONDUCTIVITY 978.0 µs/cm

PURGE END TIME: 14:45
pH 4.58 su
DISSOLVED O_2 5.24 mg/L
TEMP 17:52 °C
SPECIFIC CONDUCTIVITY 1102.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.10 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 14:50
pH 4.41 su
DISSOLVED O_2 5.24 mg/L
TEMP 17.02 °C
SPECIFIC CONDUCTIVITY 1094.0 µs/cm

SAMPLE END TIME: 14:50

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW028
NJDEP ID #: 29-32592
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/21/05
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 7.14 ft
DEPTH OF WELL: 16.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.79 ft
(9.79) X .65 X 3 = 19.09
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: 13:45
pH 4.51 su
DISSOLVED O_2 5.45 mg/L
TEMP 18.34 °C
SPECIFIC CONDUCTIVITY 1126.0 µs/cm

PURGE END TIME: 15:12
pH 4.50 su
DISSOLVED O_2 4.97 mg/L
TEMP 18.28 °C
SPECIFIC CONDUCTIVITY 1086.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.35 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 15:20
pH 4.39 su
DISSOLVED O_2 5.07 mg/L
TEMP 17.76 °C
SPECIFIC CONDUCTIVITY 1076.0 µs/cm

SAMPLE END TIME: 15:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW029
NJDEP ID #: 29-32593
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/21/05
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 6.70 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.17 ft
(10.17) X .65 X 3 = 19.83
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: 13:58
pH 5.57 su
DISSOLVED O_2 7.01 mg/L
TEMP 17.59 °C
SPECIFIC CONDUCTIVITY 3881.0 µs/cm

PURGE END TIME: 15:25
pH 5.28 su
DISSOLVED O_2 7.86 mg/L
TEMP 17.24 °C
SPECIFIC CONDUCTIVITY 3340.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.96 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 15:30
pH 5.45 su
DISSOLVED O_2 6.36 mg/L
TEMP 16.97 °C
SPECIFIC CONDUCTIVITY 3143.0 µs/cm

SAMPLE END TIME: 15:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW030
NJDEP ID #: 29-43188
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/21/05
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.04 ft
DEPTH OF WELL: 21.45 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.41 ft
(11.41) X .65 X 3 = 22.24
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: 14:07
pH 5.28 su — TEMP 17.61 °C
DISSOLVED O_2 6.27 mg/L — SPECIFIC CONDUCTIVITY 1128.0 µs/cm

PURGE END TIME: 15:47
pH 4.80 su — TEMP 17.83 °C
DISSOLVED O_2 5.69 mg/L — SPECIFIC CONDUCTIVITY 5403.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.22 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 15:50
pH 4.57 su — TEMP 17.20 °C
DISSOLVED O_2 5.90 mg/L — SPECIFIC CONDUCTIVITY 5647.0 µs/cm

SAMPLE END TIME: 15:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW031
NJDEP ID #: 29-43189
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/22/05
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.93 ft
DEPTH OF WELL: 21.73 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.80 ft
(11.80) X .65 X 3 = 23.01
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: 9:50
pH 4.58 su
DISSOLVED O_2 6.30 mg/L
TEMP 17.88 °C
SPECIFIC CONDUCTIVITY 1205.0 µs/cm

PURGE END TIME: 11:30
pH 4.40 su
DISSOLVED O_2 7.12 mg/L
TEMP 18.51 °C
SPECIFIC CONDUCTIVITY 3149.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.07 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 11:50
pH 4.34 su
DISSOLVED O_2 5.81 mg/L
TEMP 17.05 °C
SPECIFIC CONDUCTIVITY 3245.0 µs/cm

SAMPLE END TIME: 11:50

COMMENTS: DUP. here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW032
NJDEP ID #: 29-43190
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/22/05
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.21 ft
DEPTH OF WELL: 21.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.59 ft
(10.59) X .65 X 3 = 20.65
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: 10:01
pH 5.42 su
TEMP 19.62 °C
DISSOLVED O_2 6.08 mg/L
SPECIFIC CONDUCTIVITY 3541.0 µs/cm

PURGE END TIME: 11:33
pH 5.79 su
TEMP 20.04 °C
DISSOLVED O_2 5.51 mg/L
SPECIFIC CONDUCTIVITY 4051.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.44 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 12:00
pH 5.64 su
TEMP 19.58 °C
DISSOLVED O_2 4.58 mg/L
SPECIFIC CONDUCTIVITY 4064.0 µs/cm

SAMPLE END TIME: 12:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW034
NJDEP ID #: 29-43192
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/22/05
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.55 ft
DEPTH OF WELL: 19.46 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.91 ft
(10.91) X .65 X 3 = 21.27
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: 10:10
pH 4.67 su — TEMP 19.09 °C
DISSOLVED O_2 6.07 mg/L — SPECIFIC CONDUCTIVITY 3339.0 µs/cm

PURGE END TIME: 11:46
pH 5.02 su — TEMP 20.46 °C
DISSOLVED O_2 5.77 mg/L — SPECIFIC CONDUCTIVITY 3839.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.16 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 12:10
pH 4.64 su — TEMP 19.90 °C
DISSOLVED O_2 5.65 mg/L — SPECIFIC CONDUCTIVITY 3722.0 µs/cm

SAMPLE END TIME: 12:10

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW035
NJDEP ID #: 29-43193
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/22/05
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.21 ft
DEPTH OF WELL: 16.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.27 ft
(8.27) X .65 X 3 = 16.12
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: 10:19
pH 4.35 su — TEMP 20.15 °C
DISSOLVED O_2 3.67 mg/L — SPECIFIC CONDUCTIVITY 2853.0 µs/cm

PURGE END TIME: 11:29
pH 4.30 su — TEMP 21.34 °C
DISSOLVED O_2 3.61 mg/L — SPECIFIC CONDUCTIVITY 3085.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.46 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 11:40
pH 4.28 su — TEMP 21.40 °C
DISSOLVED O_2 3.28 mg/L — SPECIFIC CONDUCTIVITY 3074.0 µs/cm

SAMPLE END TIME: 11:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW040
NJDEP ID #: 29-43187
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Water Funk
DATE: 07/22/05
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 13.52 ft
DEPTH OF WELL: 48.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 34.98 ft
(34.98) X .65 X 3 = 68.21
GALLONS OF H_2O TO BE PURGED: 70 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:26
pH 5.42 su — TEMP 18.69 °C
DISSOLVED O_2 4.32 mg/L — SPECIFIC CONDUCTIVITY 4563.0 µs/cm

PURGE END TIME: 14:30
pH 5.80 su — TEMP 16.38 °C
DISSOLVED O_2 1.31 mg/L — SPECIFIC CONDUCTIVITY 4984.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.28 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 70 gal

SAMPLE START TIME: 14:40
pH 5.74 su — TEMP 16.29 °C
DISSOLVED O_2 0.53 mg/L — SPECIFIC CONDUCTIVITY 4953.0 µs/cm

SAMPLE END TIME: 14:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW281
NJDEP ID #: 29-35312
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/22/05
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.96 ft
DEPTH OF WELL: 43.20 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 31.24 ft
(31.24) X .65 X 3 = 60.91
GALLONS OF H_2O TO BE PURGED: 61 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:09
pH 5.78 su
DISSOLVED O_2 1.31 mg/L
TEMP 18.28 °C
SPECIFIC CONDUCTIVITY 4783.0 µs/cm

PURGE END TIME: 13:35
pH 5.84 su
DISSOLVED O_2 2.05 mg/L
TEMP 16.68 °C
SPECIFIC CONDUCTIVITY 4918.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.52 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 61 gal

SAMPLE START TIME: 13:50
pH 5.99 su
DISSOLVED O_2 0.76 mg/L
TEMP 16.99 °C
SPECIFIC CONDUCTIVITY 4932.0 µs/cm

SAMPLE END TIME: 13:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW291
NJDEP ID #: 29-35314
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Walter Funk
DATE: 07/22/05
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.25 ft
DEPTH OF WELL: 18.18 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.93 ft
(6.93) X .65 X 3 = 13.51
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: 12:09
pH 5.65 su — TEMP 16.36 °C
DISSOLVED O_2 6.48 mg/L — SPECIFIC CONDUCTIVITY 3218.0 µs/cm

PURGE END TIME: 13:10
pH 5.55 su — TEMP 16.15 °C
DISSOLVED O_2 6.12 mg/L — SPECIFIC CONDUCTIVITY 2765.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.43 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 13:30
pH 5.45 su — TEMP 15.61 °C
DISSOLVED O_2 6.31 mg/L — SPECIFIC CONDUCTIVITY 2639.0 µs/cm

SAMPLE END TIME: 13:30

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	VB019877.D	Sample Name	MB 01Aug2005
Operator	Skelton	Field ID	MB 01Aug2005
Date Acquired	1 Aug 2005 12:58 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

8/2/2005 9:59 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 01Aug2005**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50361 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 01Aug2005

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019877.D

Level: (low/med) LOW Date Received: 7/21/2005

% Moisture: not dec. Date Analyzed: 8/1/2005

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	VB019878.D	Sample Name	5036101
Operator	Skelton	Field ID	Trip Blank
Date Acquired	1 Aug 2005 1:50 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

8/2/2005 10:01 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50361 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036101

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019878.D

Level: (low/med) LOW Date Received: 7/21/2005

% Moisture: not dec. Date Analyzed: 8/1/2005

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	VB019886.D	Sample Name	5036301
Operator	Skelton	Field ID	Trip Blank
Date Acquired	1 Aug 2005 7:18 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

8/2/2005 10:01 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50363 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036301

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019886.D

Level: (low/med) LOW Date Received: 7/22/2005

% Moisture: not dec. _____ Date Analyzed: 8/1/2005

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	VB019879.D	Sample Name	5036102
Operator	Skelton	Field ID	Field Blank
Date Acquired	1 Aug 2005 2:31 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50361 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036102

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019879.D

Level: (low/med) LOW Date Received: 7/21/2005

% Moisture: not dec. Date Analyzed: 8/1/2005

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	VB019887.D	Sample Name	5036302
Operator	Skelton	Field ID	Field Blank
Date Acquired	1 Aug 2005 7:59 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

8/2/2005 10:01 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50363 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036302

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019887.D

Level: (low/med) LOW Date Received: 7/22/2005

% Moisture: not dec. _____ Date Analyzed: 8/1/2005

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	VB019880.D	Sample Name	5036103
Operator	Skelton	Field ID	Dupe
Date Acquired	1 Aug 2005 3:12 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	19.55	58317	2.54 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			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: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50361 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036103

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019880.D

Level: (low/med) LOW Date Received: 7/21/2005

% Moisture: not dec. Date Analyzed: 8/1/2005

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	VB019888.D	Sample Name	5036303
Operator	Skelton	Field ID	Dupe
Date Acquired	1 Aug 2005 8:40 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: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50363 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036303

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019888.D

Level: (low/med) LOW Date Received: 7/22/2005

% Moisture: not dec. _____ Date Analyzed: 8/1/2005

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	VB019881.D	Sample Name	5036104
Operator	Skelton	Field ID	2700MW#26
Date Acquired	1 Aug 2005 3:52 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: **2700MW#26**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50361 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036104

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019881.D

Level: (low/med) LOW Date Received: 7/21/2005

% Moisture: not dec. _____ Date Analyzed: 8/1/2005

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	VB019882.D	Sample Name	5036105
Operator	Skelton	Field ID	2700MW#27
Date Acquired	1 Aug 2005 4:33 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	19.56	51574	2.26 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			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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

8/2/2005 10:01 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **2700MW#27**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50361 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036105

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019882.D

Level: (low/med) LOW Date Received: 7/21/2005

% Moisture: not dec. _____ Date Analyzed: 8/1/2005

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	VB019883.D	Sample Name	5036106
Operator	Skelton	Field ID	2700MW#28
Date Acquired	1 Aug 2005 5:14 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			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	19.55	28825	1.31 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			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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

8/2/2005 10:01 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **2700MW#28**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50361 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036106

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019883.D

Level: (low/med) LOW Date Received: 7/21/2005

% Moisture: not dec. Date Analyzed: 8/1/2005

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	VB019884.D	Sample Name	5036107
Operator	Skelton	Field ID	2700MW#29
Date Acquired	1 Aug 2005 5:55 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	19.56	39045	1.74 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			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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

8/2/2005 10:01 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **2700MW#29**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50361 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036107

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019884.D

Level: (low/med) LOW Date Received: 7/21/2005

% Moisture: not dec. _____ Date Analyzed: 8/1/2005

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	VB019885.D	Sample Name	5036108
Operator	Skelton	Field ID	2700MW#30
Date Acquired	1 Aug 2005 6:36 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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **2700MW#30**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50361 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036108

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019885.D

Level: (low/med) LOW Date Received: 7/21/2005

% Moisture: not dec. _____ Date Analyzed: 8/1/2005

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	VB019889.D	Sample Name	5036304
Operator	Skelton	Field ID	2700MW#31
Date Acquired	1 Aug 2005 9:21 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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **2700MW#31**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50363 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036304

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019889.D

Level: (low/med) LOW Date Received: 7/22/2005

% Moisture: not dec. Date Analyzed: 8/1/2005

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	VB019890.D	Sample Name	5036305
Operator	Skelton	Field ID	2700MW#32
Date Acquired	1 Aug 2005 10:03 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

8/2/2005 10:01 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **2700MW#32**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50363 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036305

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019890.D

Level: (low/med) LOW Date Received: 7/22/2005

% Moisture: not dec. Date Analyzed: 8/1/2005

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	VB019891.D	Sample Name	5036306
Operator	Skelton	Field ID	2700MW#34
Date Acquired	1 Aug 2005 10:44 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

8/2/2005 10:01 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **2700MW#34**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50363 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036306

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019891.D

Level: (low/med) LOW Date Received: 7/22/2005

% Moisture: not dec. _____ Date Analyzed: 8/1/2005

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	VB019892.D	Sample Name	5036307
Operator	Skelton	Field ID	2700MW#35
Date Acquired	1 Aug 2005 11:25 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

8/2/2005 10:01 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **2700MW#35**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50363 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036307

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019892.D

Level: (low/med) LOW Date Received: 7/22/2005

% Moisture: not dec. Date Analyzed: 8/1/2005

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	VB019893.D	Sample Name	5036308
Operator	Skelton	Field ID	2700MW#40
Date Acquired	2 Aug 2005 12:07 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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **2700MW#40**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50363 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036308

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019893.D

Level: (low/med) LOW Date Received: 7/22/2005

% Moisture: not dec. Date Analyzed: 8/2/2005

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	VB019894.D	Sample Name	5036309
Operator	Skelton	Field ID	2700MW#281
Date Acquired	2 Aug 2005 12:48 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	15.86	12730	0.45 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			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	19.56	467005	21.57 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			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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

8/2/2005 10:01 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **2700MW#281**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50363 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036309

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019894.D

Level: (low/med) LOW Date Received: 7/22/2005

% Moisture: not dec. _____ Date Analyzed: 8/2/2005

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	VB019895.D	Sample Name	5036310
Operator	Skelton	Field ID	2700MW#291
Date Acquired	2 Aug 2005 1:29 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			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

C:\HPCHEM\Custrpt\Volatile\624FY05NEWLIST.CRT

8/2/2005 10:01 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **2700MW#291**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50363 Location: CW-1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5036310

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB019895.D

Level: (low/med) LOW Date Received: 7/22/2005

% Moisture: not dec. Date Analyzed: 8/2/2005

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

LTM

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	9	10	30	-					-
04/23/1997	FMETL	ND	ND	ND	ND	8.60					V,S,P,M
07/07/1997	FMETL	ND	ND	ND	ND	8.98					V,S,P,M
10/01/1997	FMETL	ND	ND	ND	ND	9.45					V,S,P,M
01/06/1998	FMETL	ND	ND	ND	ND	9.05					V,S,P,M
06/16/1998	FMETL	1.10	ND	ND	ND	8.61					V,S,P,M
08/13/1998	FMETL	ND	ND	ND	ND	9.16					V,S,P,M
12/15/1998	FMETL	ND	ND	ND	ND	10.18					V,S,P,M
03/23/1999	FMETL	ND	ND	ND	ND	9.07					V,S,P,M
05/27/1999	FMETL	ND	ND	ND	ND	9.42					V,S,P,M
08/11/1999	FMETL	ND	ND	ND	ND	9.89					V,S,P,M
11/10/1999	FMETL	ND	ND	ND	ND	9.70					V,S,P,M
02/16/2000	FMETL	ND	ND	ND	ND	9.44					V,S,P,M
05/17/2000	FMETL	ND	ND	ND	ND	9.35					V,S,P,M
08/23/2000	FMETL	ND	ND	ND	ND	9.16					V,S,P,M
11/27/2000	FMETL	ND	ND	ND	ND	9.64					V,S,P,M
11/27/2000D	FMETL	ND	ND	ND	ND	9.64					V,S,P,M
02/15/2001	FMETL	ND	ND	ND	ND	8.98					V,S,P,M
02/15/2001D	FMETL	ND	ND	ND	ND	8.98					V,S,P,M
05/24/2001	FMETL	ND	ND	ND	ND	9.06					V,S,P,M
08/22/2001	FMETL	ND	ND	ND	ND	9.38					V,S,P,M
11/16/2001	FMETL	ND	ND	ND	1.71	10.05					V,S,P,M
02/28/2002	FMETL	ND	ND	ND	ND	10.33					V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	9.81					V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	13.90					V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	12.58					V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	10.85					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	10.38					V
08/06/2003	FMETL	ND	ND	ND	ND	9.88					V
11/18/2003	FMETL	ND	ND	ND	ND	9.10					V
02/11/2004	FMETL	ND	ND	ND	ND	10.74					V,M
05/24/2004	FMETL	ND	ND	ND	ND	11.15					V
07/15/2004	FMETL	ND	ND	ND	ND	11.15					V
10/22/2004	FMETL	ND	ND	ND	ND	11.15					V
01/26/2005	FMETL	ND	ND	ND	ND	10.88					V
04/28/2005	FMETL	ND	ND	ND	ND	10.89					V
06/23/2005	FMETL	ND	ND	ND	ND	9.04					V
07/21/2005	FMETL	ND	ND	ND	ND	9.02					V

SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 07/21/2005

NOTES:

FORT MONMOUTH

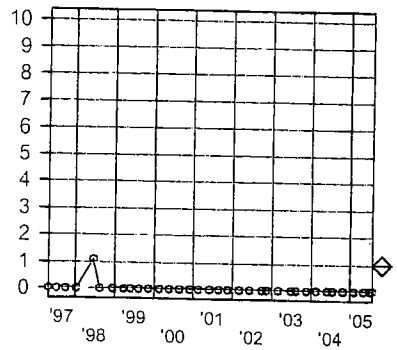
GW MONITORING
CW-1

Source 1 of 18

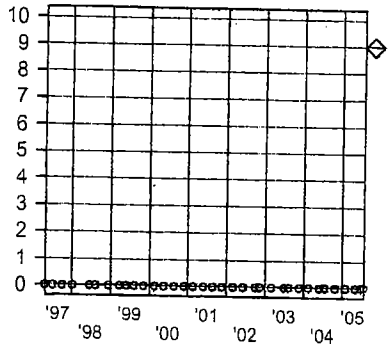
Ag > GW Criteria in blank for samples taken 7/97.

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

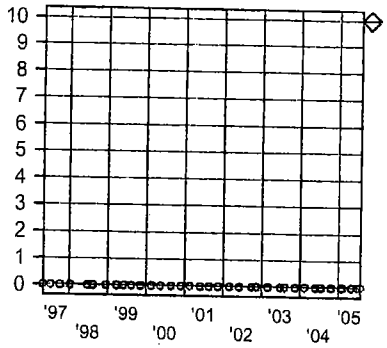
Trichloroethene
(ug/l)



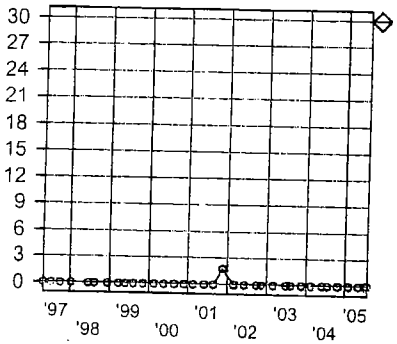
1,2,4-Trichlorobenzene
(ug/l)



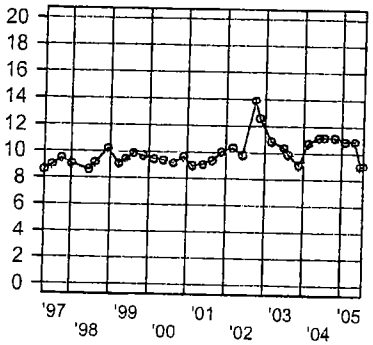
cis-1,2-Dichloroethene
(ug/l)



1,1,1-Trichloroethane
(ug/l)



Depth to Water
(Feet)



SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 07/21/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 1 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	9	10	30	-					-
04/23/1997	FMETL	ND	ND	ND	ND	8.60					V,S,P,M
07/07/1997	FMETL	ND	ND	ND	ND	9.00					V,S,P,M
10/01/1997	FMETL	ND	ND	ND	ND	9.50					V,S,P,M
01/06/1998	FMETL	ND	ND	ND	ND	8.95					V,S,P,M
06/16/1998	FMETL	ND	ND	ND	ND	8.38					V,S,P,M
08/13/1998	FMETL	ND	ND	ND	ND	8.98					V,S,P,M
12/15/1998	FMETL	ND	ND	ND	ND	10.13					V,S,P,M
03/23/1999	FMETL	ND	ND	ND	ND	8.93					V,S,P,M
05/27/1999	FMETL	ND	ND	ND	ND	9.30					V,S,P,M
08/11/1999	FMETL	ND	ND	ND	ND	9.84					V,S,P,M
11/10/1999	FMETL	ND	ND	ND	ND	9.66					V,S,P,M
02/16/2000	FMETL	ND	ND	ND	ND	9.37					V,S,P,M
05/17/2000	FMETL	ND	ND	ND	ND	9.24					V,S,P,M
08/23/2000	FMETL	1.46	ND	ND	ND	9.52					V,S,P,M
11/27/2000	FMETL	ND	ND	ND	ND	9.58					V,S,P,M
02/15/2001	FMETL	ND	ND	ND	ND	8.84					V,S,P,M
05/24/2001	FMETL	ND	ND	ND	ND	8.89					V,S,P,M
08/22/2001	FMETL	ND	ND	ND	ND	9.20					V,S,P,M
11/16/2001	FMETL	ND	ND	ND	3.06	10.00					V,S,P,M
02/28/2002	FMETL	7.14	ND	ND	4.48	10.25					V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	9.70					V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	13.77					V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	12.48					V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	10.52					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	10.25					V
08/06/2003	FMETL	ND	ND	ND	1.11	9.62					V
11/18/2003	FMETL	ND	ND	ND	4.21	8.91					V
02/11/2004	FMETL	ND	ND	ND	0.48	10.54					V,M
05/24/2004	FMETL	ND	ND	ND	ND	11.04					V
07/15/2004	FMETL	ND	ND	ND	ND	11.05					V
10/22/2004	FMETL	ND	ND	ND	ND	11.05					V
01/26/2005	FMETL	ND	ND	ND	ND	10.76					V
04/28/2005	FMETL	ND	ND	ND	ND	10.83					V
06/23/2005	FMETL	1.13	ND	ND	ND	8.85					V
07/21/2005	FMETL	2.26	ND	ND	ND	8.84					V

SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 07/21/2005

NOTES:

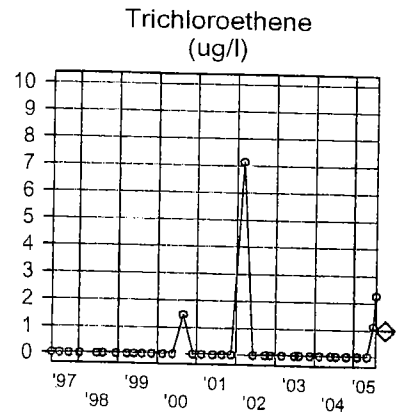
FORT MONMOUTH

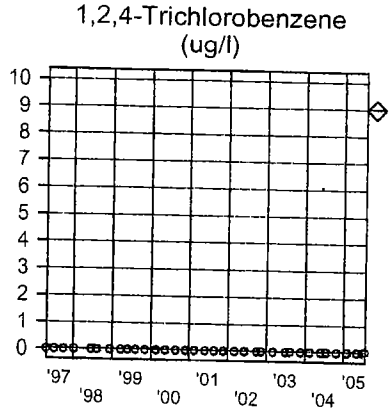
GW MONITORING
CW-1

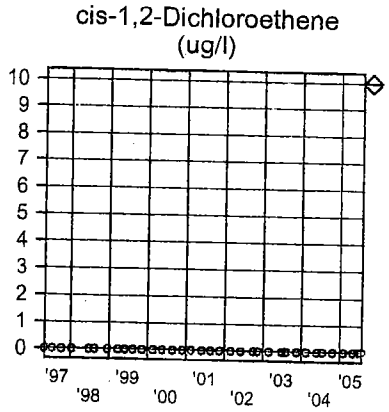
Source 2 of 18

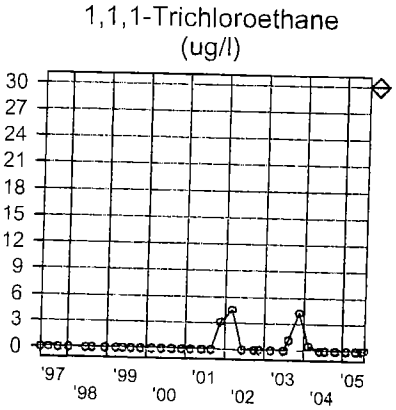
Ag > GW Criteria in blank for samples taken 7/97.

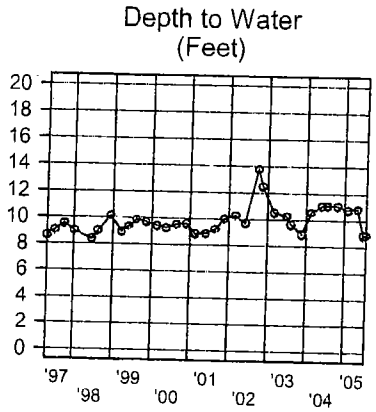
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 07/21/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 2 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	9	10	30	-					-
04/23/1997	FMETL	ND	ND	ND	ND	9.05					V,S,P,M
07/07/1997	FMETL	ND	ND	ND	ND	9.20					V,S,P,M
10/01/1997	FMETL	59.4	ND	ND	ND	9.70					V,S,P,M
01/06/1998	FMETL	27.7	ND	ND	ND	9.40					V,S,P,M
06/16/1998	FMETL	ND	ND	ND	ND	8.84					V,S,P,M
08/13/1998	FMETL	ND	ND	ND	ND	9.51					V,S,P,M
12/15/1998	FMETL	33.9	ND	ND	ND	10.63					V,S,P,M
03/23/1999	FMETL	7.15	ND	ND	ND	9.38					V,S,P,M
05/27/1999	FMETL	3.10	ND	ND	ND	9.79					V,S,P,M
08/11/1999	FMETL	297.82	ND	1.59	ND	10.32					V,S,P,M
11/10/1999	FMETL	174.48	ND	25.4	ND	10.13					V,S,P,M
02/16/2000	FMETL	103.32	ND	4.24	ND	9.84					V,S,P,M
05/17/2000	FMETL	8.48	ND	ND	ND	9.75					V,S,P,M
08/23/2000	FMETL	43.36	ND	ND	ND	9.06					V,S,P,M
11/27/2000	FMETL	70.95	ND	ND	ND	10.02					V,S,P,M
02/15/2001	FMETL	9.23	ND	ND	ND	9.31					V,S,P,M
05/24/2001	FMETL	ND	ND	ND	2.83	9.36					V,S,P,M
08/22/2001	FMETL	3.32	ND	ND	ND	9.77					V,S,P,M
11/16/2001	FMETL	26.20	ND	ND	ND	10.49					V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	13.62					V
06/26/2003	FMETL	ND	ND	ND	ND	10.11					V
08/06/2003	FMETL	1.18	ND	ND	ND	7.95					V
11/18/2003	FMETL	2.08	ND	ND	ND	7.98					V
02/11/2004	FMETL	ND	ND	ND	ND	9.88					V,M
05/24/2004	FMETL	ND	ND	ND	ND	10.65					V
07/15/2004	FMETL	ND	ND	ND	ND	10.58					V
10/22/2004	FMETL	ND	ND	ND	ND	10.71					V
01/26/2005	FMETL	1.61	ND	ND	ND	10.12					V
04/28/2005	FMETL	0.88	ND	ND	ND	9.63					V
06/23/2005	FMETL	0.83	ND	ND	ND	7.16					V
07/21/2005	FMETL	1.31	ND	ND	ND	7.14					V

SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 07/21/2005

NOTES:

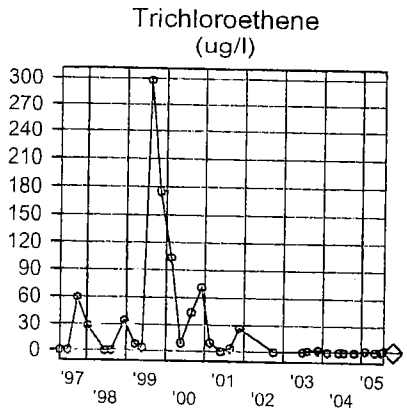
FORT MONMOUTH

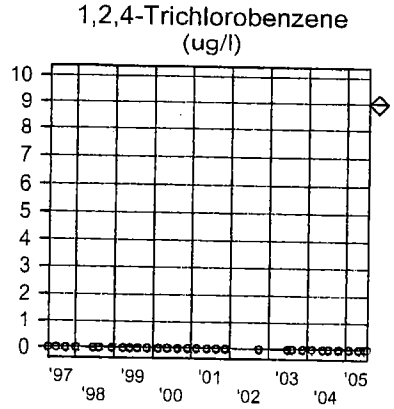
GW MONITORING
CW-1

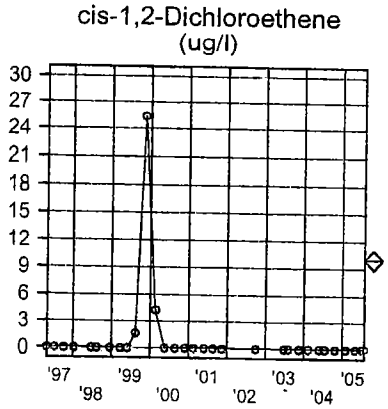
Source 3 of 18

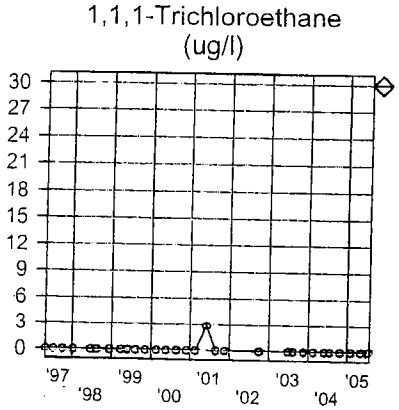
g > GW Criteria in blank for samples taken 7/97.

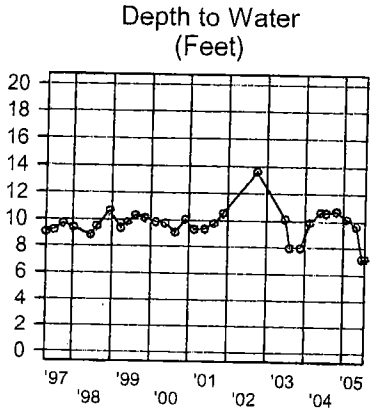
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 07/21/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 3 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	9	10	30	-					-
04/23/1997	FMETL	3200	1.55	47	ND	8.90					V,S,P,M
07/07/1997	FMETL	4900	ND	92	ND	9.30					V,S,P,M
10/01/1997	FMETL	7820	ND	290	ND	9.98					V,S,P,M
01/06/1998	FMETL	1705	ND	67	ND	9.10					V,S,P,M
06/16/1998	FMETL	83.11	ND	11.97	ND	8.67					V,S,P,M
08/13/1998	FMETL	498	3.98	88	ND	9.26					V,S,P,M
12/12/1998	FMETL	374.58	ND	161.61	ND	10.30					V,S,P,M
03/23/1999	FMETL	1342	4.27	126.68	ND	9.90					V,S,P,M
05/27/1999	FMETL	950.05	5.08	75.55	ND	9.59					V,S,P,M
08/11/1999	FMETL	288.11	ND	523.43	ND	10.00					V,S,P,M
11/10/1999	FMETL	62.96	5.44	746.30	ND	9.81					V,S,P,M
02/16/2000	FMETL	41.51	1.67	175.38	ND	9.54					V,S,P,M
05/17/2000	FMETL	357.72	2.10	186.08	ND	9.47					V,S,P,M
08/23/2000	FMETL	263.49	2.21	352.10	ND	9.24					V,S,P,M
11/27/2000	FMETL	54.06	ND	96.55	ND	9.71					V,S,P,M
02/15/2001	FMETL	1951.41	ND	250.62	ND	9.09					V,S,P,M
05/24/2001	FMETL	470.48	1.50	66.54	ND	9.14					V,S,P,M
08/22/2001	FMETL	2040.65	1.77	340.29	ND	9.44					V,S,P,M
11/16/2001	FMETL	67.36	ND	118.26	3.02	10.08					V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	12.91					V
06/26/2003	FMETL	ND	ND	ND	ND	9.63					V
08/06/2003	FMETL	ND	ND	ND	ND	7.55					V
11/18/2003	FMETL	ND	ND	ND	ND	7.85					V
02/11/2004	FMETL	ND	ND	ND	ND	9.45					V,M
05/24/2004	FMETL	7.17	ND	ND	ND	10.45					V
07/15/2004	FMETL	17.49	ND	ND	ND	9.82					V
10/22/2004	FMETL	ND	ND	ND	ND	10.2					V
01/26/2005	FMETL	0.62	ND	ND	ND	9.50					V
04/28/2005	FMETL	ND	ND	ND	ND	9.57					V
04/28/2005	FMETL	ND	ND	ND	ND	10.78					V
06/23/2005	FMETL	1.48	ND	ND	ND	6.72					V
07/21/2005	FMETL	1.74	ND	ND	ND	6.70					V

SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 07/21/2005

NOTES:

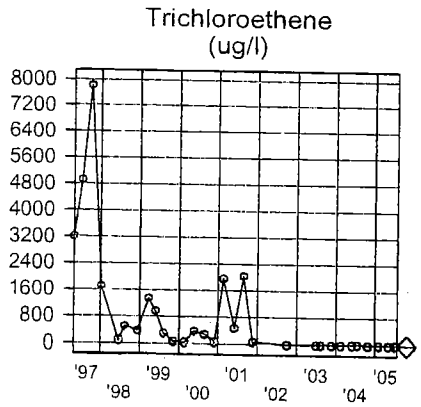
FORT MONMOUTH

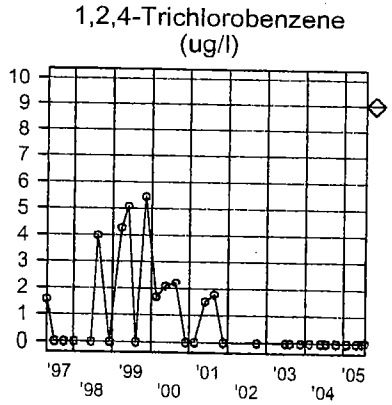
GW MONITORING
CW-1

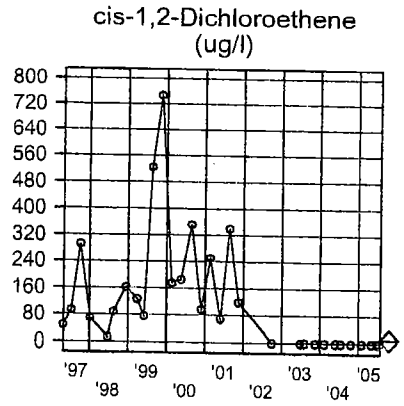
Source 4 of 18

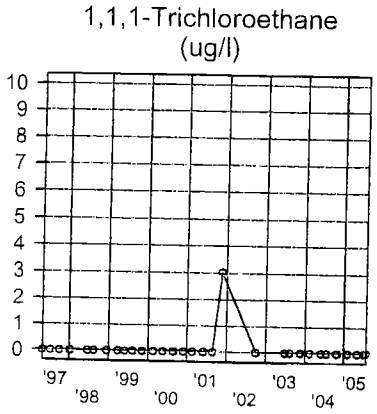
^g > GW Criteria in blank for samples taken 7/97.

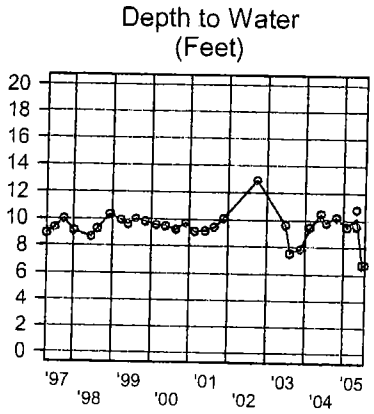
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 07/21/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 4 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	9	10	30	-					-
11/27/2000	FMETL	ND	ND	ND	ND	10.73					V,S,P,M
02/15/2001	FMETL	ND	ND	ND	ND	9.91					V,S,P,M
05/24/2001	FMETL	ND	ND	ND	ND	9.89					V,S,P,M
08/22/2001	FMETL	1.36	ND	ND	ND	10.41					V,S,P,M
11/16/2001	FMETL	ND	ND	ND	ND	11.26					V,S,P,M
02/28/2002	FMETL	ND	ND	ND	ND	11.59					V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	10.96					V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	13.25					V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	12.27					V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	10.81					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	10.11					V
08/06/2003	FMETL	ND	ND	ND	ND	9.52					V
11/18/2003	FMETL	ND	ND	ND	ND	10.10					V
02/11/2004	FMETL	ND	ND	ND	ND	10.54					V,M
05/24/2004	FMETL	ND	ND	ND	ND	10.97					V
07/15/2004	FMETL	ND	ND	ND	ND	11.18					V
10/22/2004	FMETL	ND	ND	ND	ND	11.29					V
01/26/2005	FMETL	ND	ND	ND	ND	10.94					V
06/23/2005	FMETL	ND	ND	ND	ND	10.02					V
07/21/2005	FMETL	ND	ND	ND	ND	10.04					V

SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 07/21/2005

NOTES:

FORT MONMOUTH

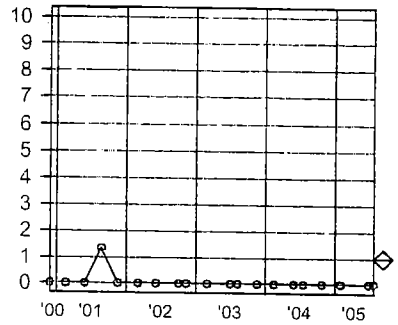
GW MONITORING
CW-1

Source 8 of 18

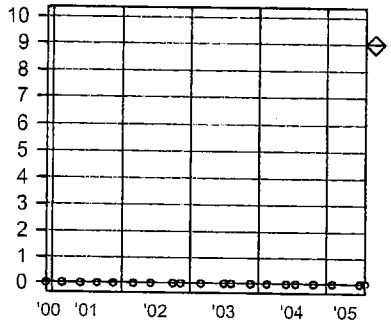
Ag > GW Criteria in blank for samples taken 7/97.

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

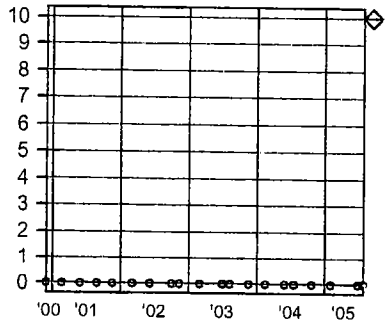
Trichloroethene
(ug/l)



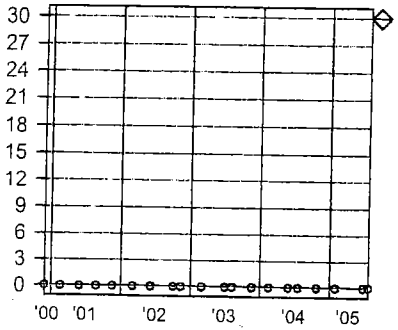
1,2,4-Trichlorobenzene
(ug/l)



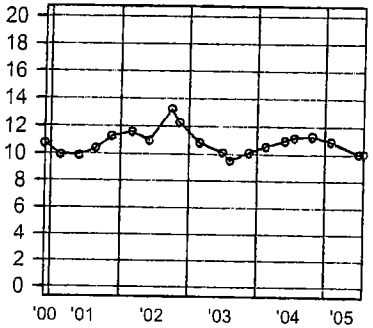
cis-1,2-Dichloroethene
(ug/l)



1,1,1-Trichloroethane
(ug/l)



Depth to Water
(Feet)



SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 07/21/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 8 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	9	10	30	-					-
11/27/2000	FMETL	139.49	ND	1.20	ND	10.46					V,S,P,M
02/15/2001	FMETL	29.68	ND	ND	ND	9.96					V,S,P,M
05/24/2001	FMETL	ND	ND	ND	ND	10.10					V,S,P,M
05/24/2001D	FMETL	ND	ND	ND	ND	10.10					V,S,P,M
08/22/2001	FMETL	ND	ND	ND	1.86	10.31					V,S,P,M
11/16/2001	FMETL	358.39	ND	128.72	2.81	10.90					V,S,P,M
11/16/2001D	FMETL	472.71	ND	175.13	2.08	10.90					V,S,P,M
02/28/2002	FMETL	ND	ND	ND	2.25	11.09					V,S,P,M
05/31/2002	FMETL	ND	ND	ND	4.57	10.61					V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	13.68					V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	12.58					V,S,P,M
02/25/2003	FMETL	1.39	ND	ND	0.69	11.43					V,S,P,M
06/26/2003	FMETL	5.07	ND	1.04	1.34	10.78					V
08/06/2003	FMETL	ND	ND	ND	ND	10.75					V
11/18/2003	FMETL	0.81	ND	ND	ND	10.00					V
02/11/2004	FMETL	ND	ND	ND	ND	11.16					V,M
05/24/2004	FMETL	ND	ND	ND	ND	11.51					V
07/15/2004	FMETL	ND	ND	ND	ND	11.55					V
10/22/2004	FMETL	ND	ND	ND	ND	11.45					V
01/26/2005	FMETL	ND	ND	ND	ND	11.31					V
04/28/2005	FMETL	ND	ND	ND	ND	11.32					V
06/23/2005	FMETL	ND	ND	ND	ND	9.96					V
07/22/2005	FMETL	ND	ND	ND	ND	9.93					V

SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 07/22/2005

NOTES:

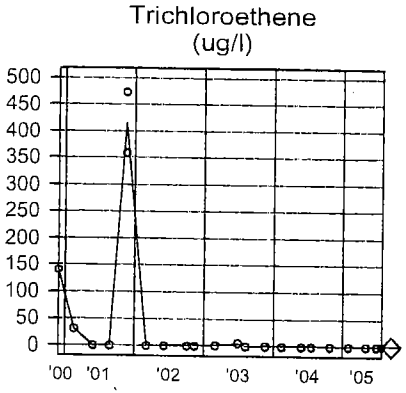
FORT MONMOUTH

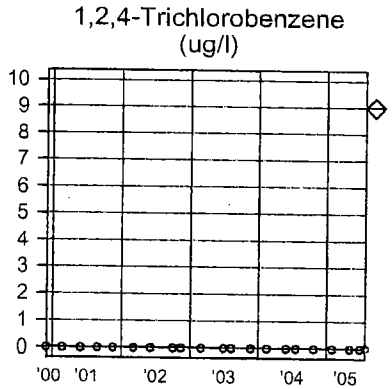
GW MONITORING
CW-1

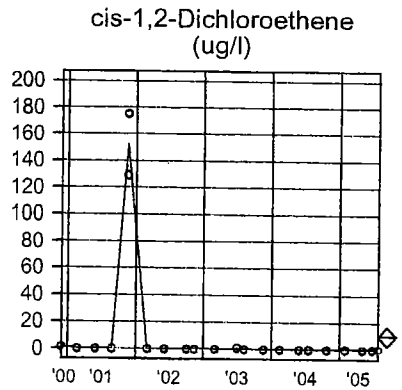
Source 9 of 18

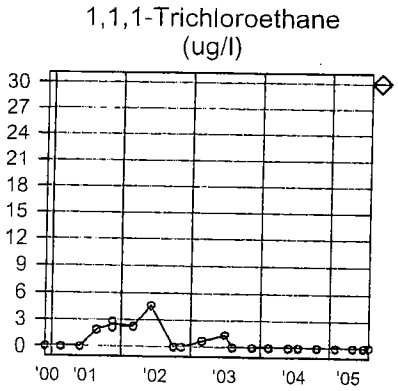
Ag > GW Criteria in blank for samples taken 7/97.

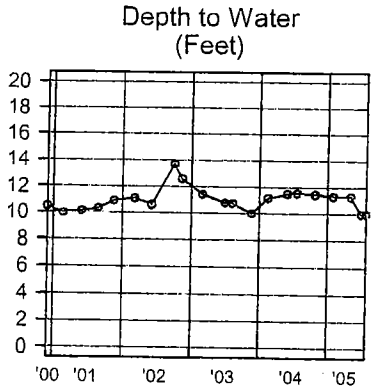
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 07/22/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 9 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	9	10	30	-					-
11/27/2000	FMETL	51.33	ND	1.67	ND	11.65					V,S,P,M
02/15/2001	FMETL	ND	ND	ND	ND	11.3					V,S,P,M
05/24/2001	FMETL	10.77	ND	ND	ND	11.43					V,S,P,M
08/22/2001	FMETL	16.24	ND	ND	ND	11.57					V,S,P,M
11/16/2001	FMETL	4.91	ND	ND	ND	12.04					V,S,P,M
02/28/2002	FMETL	6.38	ND	ND	ND	12.23					V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	11.78					V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	12.81					V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	12.12					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	11.28					V
08/06/2003	FMETL	ND	ND	ND	ND	11.75					V
11/18/2003	FMETL	ND	ND	ND	ND	11.23					V
02/11/2004	FMETL	ND	ND	ND	ND	11.77					V,M
05/24/2004	FMETL	ND	ND	ND	ND	12.03					V
07/15/2004	FMETL	ND	ND	ND	ND	12.10					V
10/22/2004	FMETL	ND	ND	ND	ND	12.03					V
01/26/2005	FMETL	ND	ND	ND	ND	11.89					V
04/28/2005	FMETL	ND	ND	ND	ND	11.86					V
06/23/2005	FMETL	ND	ND	ND	ND	11.25					V
07/22/2005	FMETL	ND	ND	ND	ND	11.21					V

SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 07/22/2005

NOTES:

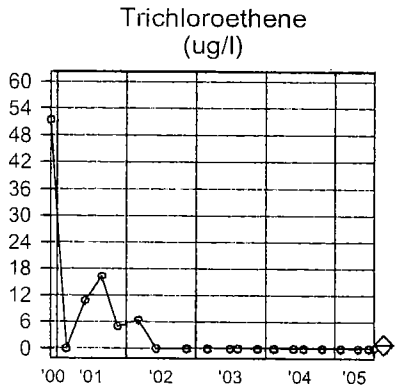
FORT MONMOUTH

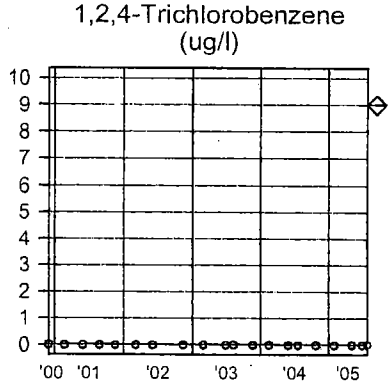
GW MONITORING
CW-1

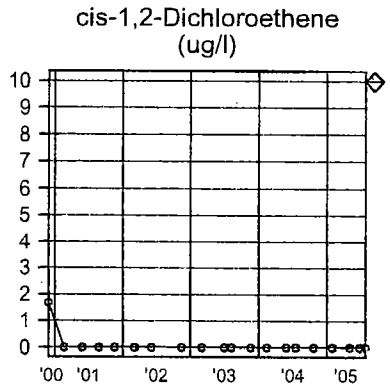
Source 10 of 18

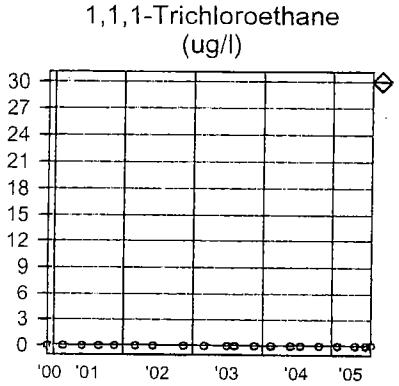
Ag > GW Criteria in blank for samples taken 7/97.

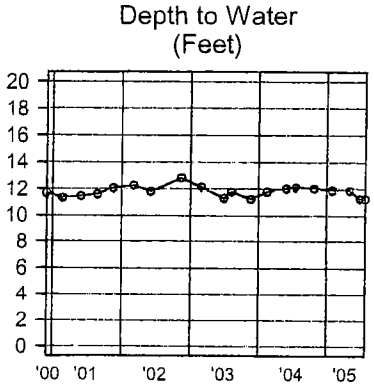
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 07/22/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 10 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	9	10	30	-					-
11/27/2000	FMETL	ND	ND	ND	ND	8.01					V,S,P,M
02/15/2001	FMETL	ND	ND	ND	ND	8.55					V,S,P,M
05/31/2001	FMETL	ND	ND	ND	ND	8.72					V,S,P,M
08/24/2001	FMETL	ND	ND	ND	ND	8.83					V,S,P,M
11/16/2001	FMETL	ND	ND	ND	ND	9.20					V,S,P,M
02/28/2002	FMETL	ND	ND	ND	ND	9.34					V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	9.03					V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	10.50					V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	9.34					V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	8.71					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	8.32					V
08/06/2003	FMETL	ND	ND	ND	ND	8.74					V
11/18/2003	FMETL	ND	ND	ND	ND	8.56					V
02/11/2004	FMETL	ND	ND	ND	ND	8.70					V,M
05/24/2004	FMETL	ND	ND	ND	ND	8.82					V
07/15/2004	FMETL	ND	ND	ND	ND	8.90					V
10/22/2004	FMETL	ND	ND	ND	ND	8.93					V
01/27/2005	FMETL	ND	ND	ND	ND	8.86					V
04/29/2005	FMETL	ND	ND	ND	ND	8.74					V
06/24/2005	FMETL	ND	ND	ND	ND	8.59					V
07/22/2005	FMETL	ND	ND	ND	ND	8.55					V

SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 07/22/2005

NOTES:

FORT MONMOUTH

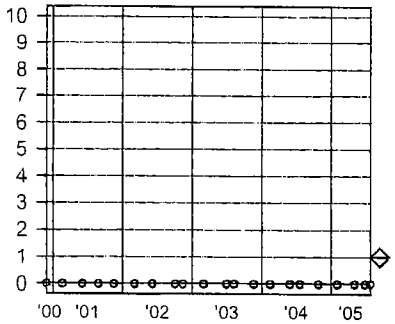
GW MONITORING
CW-1

Source 12 of 18

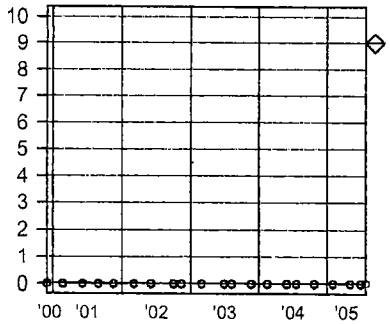
Ag > GW Criteria in blank for samples taken 7/97.

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

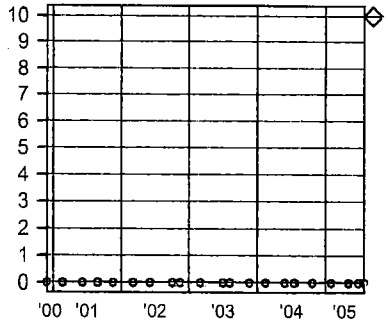
Trichloroethene
(ug/l)



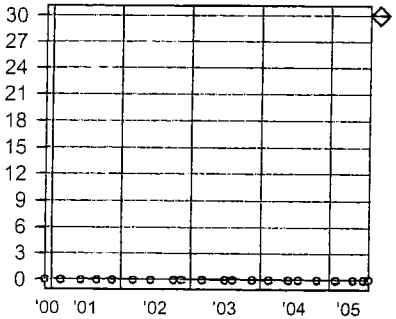
1,2,4-Trichlorobenzene
(ug/l)



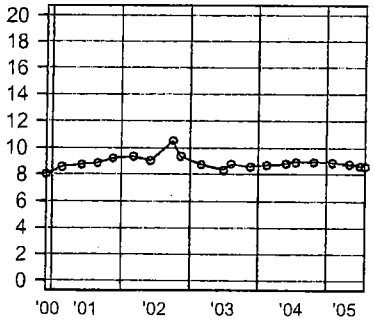
cis-1,2-Dichloroethene
(ug/l)



1,1,1-Trichloroethane
(ug/l)



Depth to Water
(Feet)



SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 07/22/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 12 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	9	10	30	-					-
11/28/2000	FMETL	ND	ND	ND	ND	8.55					V,S,P,M
02/15/2001	FMETL	ND	ND	ND	ND	8.41					V,S,P,M
05/31/2001	FMETL	ND	ND	ND	ND	8.45					V,S,P,M
08/24/2001	FMETL	ND	ND	ND	ND	8.45					V,S,P,M
11/27/2001	FMETL	ND	ND	ND	ND	8.80					V,S,P,M
02/28/2002	FMETL	ND	ND	ND	ND	8.88					V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	8.61					V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	9.50					V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	8.85					V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	8.51					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	8.00					V
08/06/2003	FMETL	ND	ND	ND	ND	8.37					V
11/18/2003	FMETL	ND	ND	ND	ND	8.25					V
02/11/2004	FMETL	ND	ND	ND	ND	8.40					V,M
05/24/2004	FMETL	ND	ND	ND	ND	8.41					V
07/15/2004	FMETL	ND	ND	ND	ND	8.48					V
10/22/2004	FMETL	ND	ND	ND	ND	8.51					V
01/27/2005	FMETL	ND	ND	ND	ND	8.53					V
04/29/2005	FMETL	ND	ND	ND	ND	8.38					V
06/23/2005	FMETL	ND	ND	ND	ND	8.24					V
07/22/2005	FMETL	ND	ND	ND	ND	8.21					V

SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 07/22/2005

NOTES:

FORT MONMOUTH

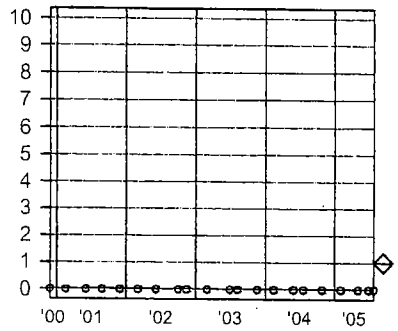
GW MONITORING
CW-1

Source 13 of 18

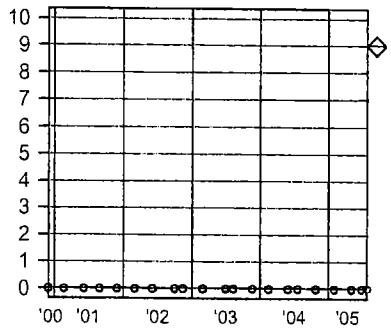
Ag > GW Criteria in blank for samples taken 7/97.

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

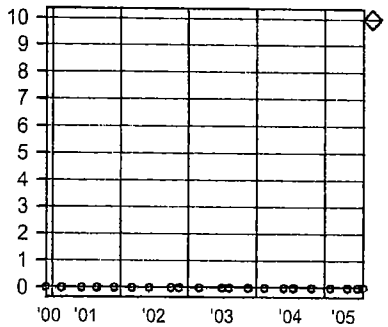
Trichloroethene
(ug/l)



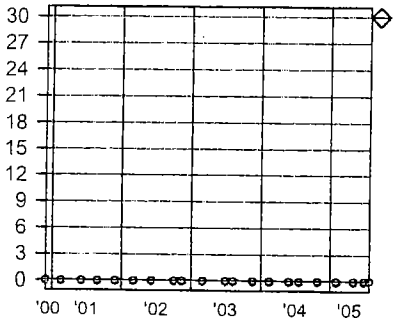
1,2,4-Trichlorobenzene
(ug/l)



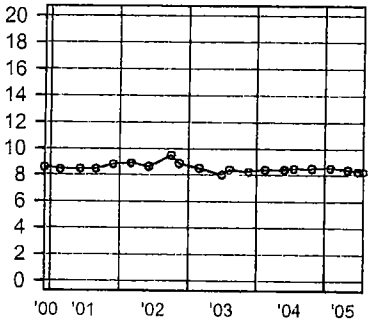
cis-1,2-Dichloroethene
(ug/l)



1,1,1-Trichloroethane
(ug/l)



Depth to Water
(Feet)



SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 07/22/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 13 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	9	10	30	-					-
11/28/2000	FMETL	ND	ND	ND	ND	13.77					V,S,P,M
02/20/2001	FMETL	ND	ND	ND	ND	13.91					V,S,P,M
05/31/2001	FMETL	ND	ND	ND	ND	13.37					V,S,P,M
08/24/2001	FMETL	ND	ND	ND	ND	15.21					V,S,P,M
11/27/2001	FMETL	ND	ND	ND	ND	15.35					V,S,P,M
02/28/2002	FMETL	ND	ND	ND	ND	15.02					V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	14.22					V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	14.96					V,S,P,M
11/14/2002	FMETL	ND	ND	ND	ND	13.59					V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	12.59					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	12.27					V
08/06/2003	FMETL	ND	ND	ND	ND	13.06					V
11/18/2003	FMETL	ND	ND	ND	ND	13.57					V
02/11/2004	FMETL	ND	ND	ND	ND	12.71					V,M
05/24/2004	FMETL	ND	ND	ND	ND	13.1					V
07/15/2004	FMETL	ND	ND	ND	ND	13.51					V
10/22/2004	FMETL	ND	ND	ND	ND	13.86					V
01/27/2005	FMETL	ND	ND	ND	ND	13.27					V
04/29/2005	FMETL	ND	ND	ND	ND	12.77					V
06/24/2005	FMETL	ND	ND	ND	ND	13.58					V
07/22/2005	FMETL	ND	ND	ND	ND	13.52					V

SOURCE: CW1MW040

Sampling Dates:
11/28/2000 - 07/22/2005

NOTES:

FORT MONMOUTH

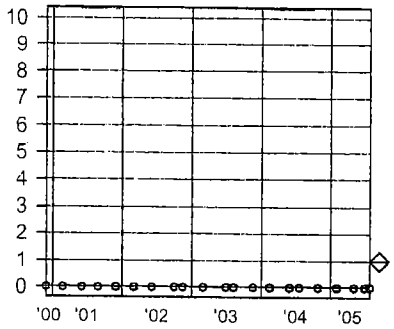
GW MONITORING
CW-1

Source 18 of 18

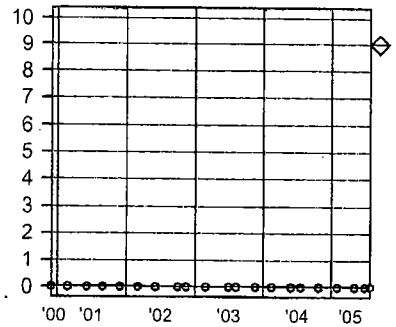
Ag > GW Criteria in blank for samples taken 7/97.

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

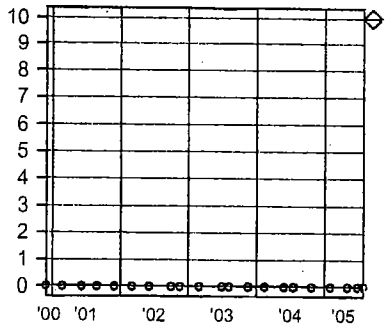
Trichloroethene
(ug/l)



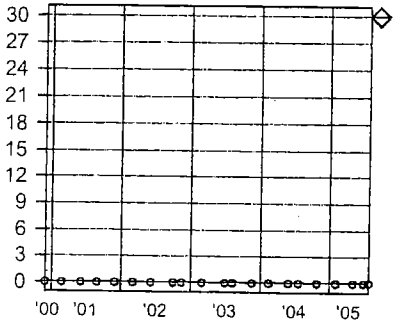
1,2,4-Trichlorobenzene
(ug/l)



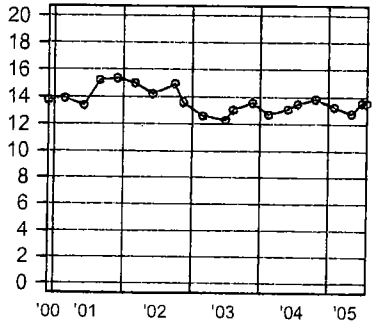
cis-1,2-Dichloroethene
(ug/l)



1,1,1-Trichloroethane
(ug/l)



Depth to Water
(Feet)



SOURCE: CW1MW040

Sampling Dates:
11/28/2000 - 07/22/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 18 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	9	10	30	-					-
04/22/1997	FMETL	ND	ND	ND	ND	11.10					V,S,P,M
07/09/1997	FMETL	190	ND	2.45	ND	12.30					V,S,P,M
10/02/1997	FMETL	42	ND	ND	ND	12.80					V,S,P,M
01/07/1998	FMETL	10.6	ND	ND	ND	10.80					V,S,P,M
06/18/1998	FMETL	27.96	ND	ND	ND	10.98					V,S,P,M
08/13/1998	FMETL	45	ND	ND	ND	12.57					V,S,P,M
12/15/1998	FMETL	6.1	ND	ND	ND	13.87					V,S,P,M
03/23/1999	FMETL	14.87	ND	ND	ND	11.25					V,S,P,M
05/27/1999	FMETL	12.08	ND	ND	ND	12.07					V,S,P,M
08/11/1999	FMETL	3.29	ND	ND	ND	13.75					V,S,P,M
11/10/1999	FMETL	6.19	ND	ND	ND	12.75					V,S,P,M
02/16/2000	FMETL	4.67	ND	ND	ND	11.96					V,S,P,M
02/16/2000D	FMETL	4.83	ND	ND	ND	11.96					V,S,P,M
05/17/2000	FMETL	5.51	ND	ND	ND	12.14					V,S,P,M
05/17/2000D	FMETL	5.18	ND	ND	ND	12.14					V,S,P,M
08/23/2000	FMETL	4.06	ND	ND	ND	12.05					V,S,P,M
11/28/2000	FMETL	ND	ND	ND	ND	12.32					V,S,P,M
02/20/2001	FMETL	ND	ND	ND	ND	11.79					V,S,P,M
02/20/2001	FMETL	ND	ND	ND	ND	11.79					V,S,P,M
05/31/2001	FMETL	ND	ND	ND	ND	12.55					V,S,P,M
08/24/2001	FMETL	1.19	ND	ND	ND	12.93					V,S,P,M
11/27/2001	FMETL	4.74	ND	ND	ND	13.87					V,S,P,M
11/27/2001D	FMETL	5.08	ND	ND	ND	13.87					V,S,P,M
02/28/2002	FMETL	13.80	ND	ND	ND	13.51					V,S,P,M
05/31/2002	FMETL	25.32	ND	ND	ND	12.70					V,S,P,M
09/30/2002	FMETL	6.16	ND	ND	ND	13.38					V,S,P,M
11/14/2002	FMETL	ND	ND	ND	ND	12.03					V,S,P,M
02/25/2003	FMETL	2.30	ND	ND	ND	11.00					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	10.69					V
08/06/2003	FMETL	1.74	ND	ND	ND	11.50					V
11/18/2003	FMETL	1.42	ND	ND	ND	12.05					V
02/11/2004	FMETL	3.48	ND	ND	ND	11.14					V,M
05/24/2004	FMETL	4.44	ND	ND	ND	11.51					V
07/15/2004	FMETL	20.50	ND	ND	ND	11.95					V
10/22/2004	FMETL	16.03	ND	ND	ND	12.31					V
01/27/2005	FMETL	7.38	ND	0.29	ND	10.76					V
04/28/2005	FMETL	3.88	ND	ND	ND	11.16					V
06/24/2005	FMETL	10.49	ND	ND	ND	12.03					V
07/22/2005	FMETL	21.57	ND	0.45	ND	11.96					V

SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 07/22/2005

NOTES:

FORT MONMOUTH

GW MONITORING
CW-1

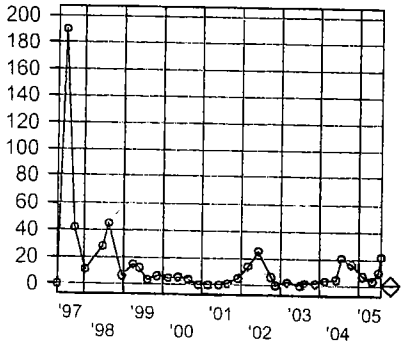
Source 5 of 18

g > GW Criteria in blank for samples taken 7/97.

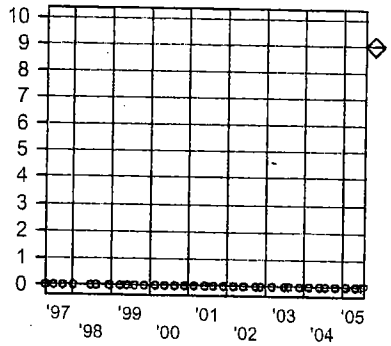
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-05-2005 \\monm545\envr_data\MtechData\2700-CW1\CW1.WSF

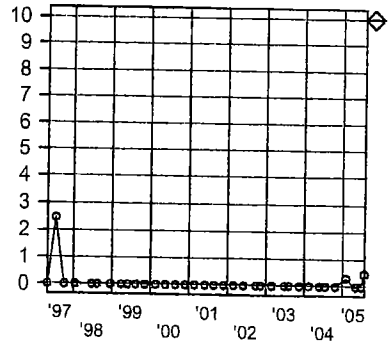
Trichloroethene
(ug/l)



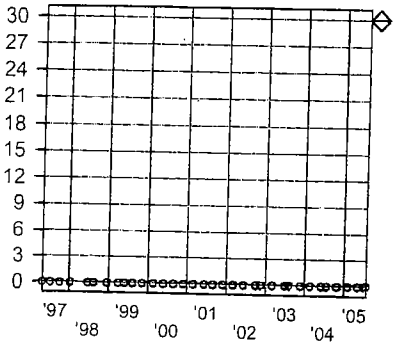
1,2,4-Trichlorobenzene
(ug/l)



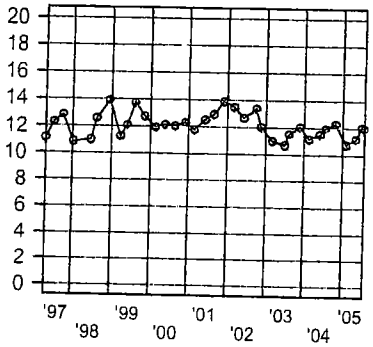
cis-1,2-Dichloroethene
(ug/l)



1,1,1-Trichloroethane
(ug/l)



Depth to Water
(Feet)



SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 07/22/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 5 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	1,1,1-Tri chloro ethane	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	9	10	30	-					-
04/22/1997	FMETL	ND	ND	ND	ND	11.15					V,S,P,M
07/09/1997	FMETL	ND	ND	ND	ND	11.40					V,S,P,M
10/02/1997	FMETL	ND	ND	ND	ND	11.70					V,S,P,M
01/07/1998	FMETL	ND	ND	ND	ND	11.40					V,S,P,M
06/18/1998	FMETL	ND	ND	ND	ND	10.89					V,S,P,M
08/13/1998	FMETL	ND	ND	ND	ND	11.39					V,S,P,M
12/15/1998	FMETL	ND	ND	ND	ND	12.21					V,S,P,M
03/23/1999	FMETL	ND	ND	ND	ND	11.28					V,S,P,M
05/27/1999	FMETL	ND	ND	ND	ND	11.54					V,S,P,M
08/11/1999	FMETL	ND	ND	ND	ND	11.97					V,S,P,M
11/10/1999	FMETL	ND	ND	ND	ND	11.79					V,S,P,M
02/16/2000	FMETL	ND	ND	ND	ND	11.61					V,S,P,M
05/17/2000	FMETL	ND	ND	ND	ND	11.59					V,S,P,M
08/23/2000	FMETL	1.96	ND	ND	ND	11.33					V,S,P,M
11/27/2000	FMETL	ND	ND	ND	ND	11.69					V,S,P,M
02/20/2001	FMETL	ND	ND	ND	ND	11.40					V,S,P,M
05/24/2001	FMETL	ND	ND	ND	ND	11.38					V,S,P,M
08/22/2001	FMETL	ND	ND	ND	ND	11.59					V,S,P,M
11/16/2001	FMETL	ND	ND	ND	ND	12.11					V,S,P,M
02/28/2002	FMETL	ND	ND	ND	ND	12.32					V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	11.87					V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	13.78					V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	12.90					V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	12.04					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	11.35					V
08/06/2003	FMETL	ND	ND	ND	ND	11.77					V
11/18/2003	FMETL	ND	ND	ND	ND	11.28					V
02/11/2004	FMETL	0.66	ND	ND	ND	11.79					V,M
05/24/2004	FMETL	ND	ND	ND	ND	12.05					V
07/15/2004	FMETL	ND	ND	ND	ND	12.15					V
10/22/2004	FMETL	ND	ND	ND	ND	12.06					V
01/26/2005	FMETL	ND	ND	ND	ND	11.96					V
04/29/2005	FMETL	ND	ND	ND	ND	11.94					V
06/24/2005	FMETL	ND	ND	ND	ND	11.31					V
07/22/2005	FMETL	ND	ND	ND	ND	11.25					V

SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 07/22/2005

NOTES:

FORT MONMOUTH

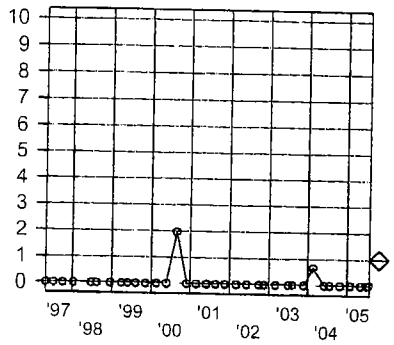
GW MONITORING
CW-1

Source 7 of 18

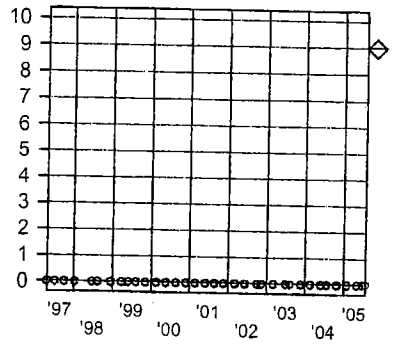
Avg > GW Criteria in blank for samples taken 7/97.

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

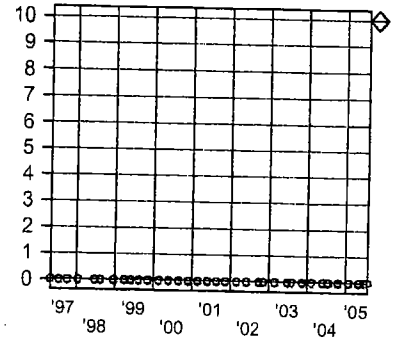
Trichloroethene
(ug/l)



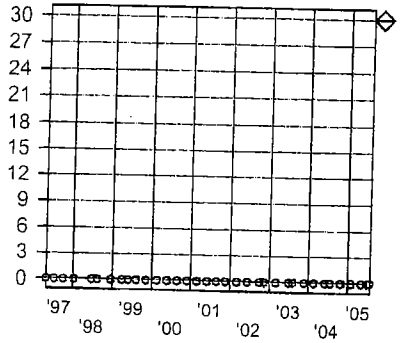
1,2,4-Trichlorobenzene
(ug/l)



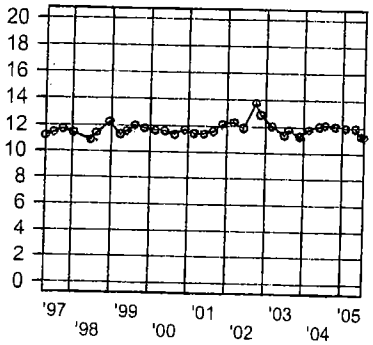
cis-1,2-Dichloroethene
(ug/l)



1,1,1-Trichloroethane
(ug/l)



Depth to Water
(Feet)



SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 07/22/2005

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 7 of 18, Graph

Ag > GW Criteria in blank for samples taken 7/97.

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