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US ARMY INSTALLATION MANAGEMENT COMMAND
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CONCURRENCE				
OFFICE	NAME	INITIALS	DATE	TEL. NO.
DPW-EV	Charles Appleby	CA	12-17-08	

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

DEC 19 2008

Re: CW-1, FTMM-22, Remedial Action Progress Report: October 2005 through September 2006

Dear Mr. Quinn:

U.S. Army Fort Monmouth, New Jersey is pleased to submit Remedial Action Progress Report (RAPR) for CW-1 (FT-MM22), Building 2700, Fort Monmouth, NJ. This RAPR was prepared in accordance with the voluntary cleanup agreement (VCA) between U.S. Department of the Army and the New Jersey Department of Environmental Protection (NJDEP) dated August 2000, and the NJDEP's *Technical Requirements for Site Remediation* (*TRSR*), New Jersey Administrative Code (N.J.A.C.). 7:26E-6.5 (February 2002). Enclosed please find the Electronic Delivery Documents (EDDs) as well as a completed RAPR Checklist.

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

Sincerely,

Joseph M. Fallon

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

Encl. 1: Remedial Action Progress Report, October 2005 through September 2006
Encl. 2: Completed Remedial Progress Report Checklist
Encl. 3: Electronic Data Deliverable (EDDs), one disk

Encl. 2, Completed Remedial Progress Report Checklist

SRP CHECKLIST:		REMEDIAL ACTION PROGRESS REPORT October 2005 through September 2006 CW-1, FTMM-22, Bldg. 2700 Ft. Monmouth NJ		
	N.J.A.C. 7:26E-	**Use this checklist to assure that the remedial action progress report is complete and meets all technical requirements.**	**Included: Yes/No/NA**	**Page #**
	6.6(a)	Have progress reports been submitted as required?	Yes	13
	6.6(b)1	Is a description of each remedial action included and adequate?	Yes	3
	6.6(b)2	Is a discussion of problems and proposal for correction included and adequate?	Yes	9-10
	6.6(b)3	Are proposals for deviation from approved WP adequately addressed?	NA	
		6.3(e)3iii If requesting to reduce sampling frequency have the requirements at 6.3(e)3iii and in Appendix C been met?	NA	
	6.6(b)4	Is a revised schedule included and adequate?	Yes[1]	11
	6.6(b)5	Is the status of permit applications included and adequate?	Yes[2]	3
	6.6(b)6	Is a list of upcoming remedial actions included and adequate?	Yes[3]	3
	6.6(b)7	Is the cost of each remedial action adequately documented?	No[4]	12
	6.6(b)8	Is a table of sampling results, summary of data and conclusions included and adequate?	Yes	4-10
	6.6(b)9	Is information for active GW remediation included and adequate?	Yes	3
		6.6(b)9i Has a ground water Contour Map Reporting Form (Appendix G) been completed and included?	Yes	Appendix E
	6.6(b)10	Is information for natural GW remediation included and adequate?	NA	
	6.6(b)11	Is a description of wastes generated included and adequate?	NA[5]	
	6.6(b)12	Has other important information been included:	NA[6]	
		If not previously provided, has a map of the CEA been included along with a CEA Factsheet from Appendix F?	NA	
		If the RAPR includes a proposal to revise the CEA, has all the necessary information per 6.3 and Appendix F been included?	NA	
		Does the report indicate whether biennial certifications have been submitted for CEAs &/or DERs?	NA	

[1] The existing Soil Vapor Extraction (SVE) System and groundwater pump and treat systems were not operational during this reporting period. They continue to be maintained for possible future use as per the approved workplan.
[2] The water discharge: Two Rivers Reclamation Authority permit # 02-0226 and air discharge: NJDEP Air Permit #01-97-4274 permits were active during the reporting period but the systems were not operational.
[3] The remedial activities were not operational during this reporting period. Groundwater sampling and analysis schedules are detailed within the report and are on-going.
[4] The Costs are complete from 2001 to 2006. Prior year costs are being compiled and will be included in subsequent RAPRs.
[5] No Remedial wastes were generated during this reporting period. Solid wastes generated as part of the quarterly groundwater monitoring program are managed in accordance with the Fort Monmouth Solid Waste Management Plan.
[6] Currently there is no CEA or DER associated with the site. Subsequent RAPRs will include schedules for completing a CEA.

HCR
HANDEX CONSULTING
& REMEDIATION, LLC
NORTHEAST

REMEDIAL ACTION PROGRESS REPORT
U.S. Army, Fort Monmouth
(FTMM-22)

Building 2700, Charles Wood Area
(Site CW-1)
Fort Monmouth, Monmouth County, New Jersey
(Reporting Period October 2005 through September 2006)

November 2008

Prepared for:

Mr. Joseph Fallon
U.S. Army Fort Monmouth
Directorate of Public Works
Building 173, Attention IMNE-MON-PWE
Fort Monmouth, New Jersey 07703

Prepared by:

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Handex Consulting & Remediation-Northeast, LLC
24 Abeel Road, Monroe, NJ 08831
NJDEP Certification #US00145

CERTIFICATION:

The following certification is intended to satisfy N.J.A.C. 7:26E-1.5 and 7:26C-1.2. The following certification is signed by both the lead consultant and a principal executive officer of at least the level of vice president for the responsible party.

Referenced Document: Remedial Action Progress Report, November 2008
Site: U.S. Army, Fort Monmouth, New Jersey, Site CW-1 (FTMM-22)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, To the best of my knowledge the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of N.J.S.A. 13:1K-6 t seq., I am personally liable for the penalties set forth at N.J.S.A. 13:1K-13.

Consultant

Typed/Printed Name Andrew R. Drake Title Principal Hydrogeologist

Signature _____ Date 11/17/08

Sworn to and Subscribed Before Me on this Monday

Date of Nov. 17th 2008

SHARON KATHLEEN CASEY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/10/2013

Sharon Kathleen Casey
Notary

Responsible Party

Typed/Printed Name _____ Title _____

Signature _____ Date _____

Sworn to and Subscribed Before Me on this _____

Date of _____ 20____

_____
Notary

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1.0 INTRODUCTION

The following Remedial Action Progress Report (RAPR) has been prepared by Handex Consulting & Remediation – Northeast, LLC (HCR) on behalf of the United States Army Fort Monmouth, Directorate of Public Works (DPW), in accordance with the New Jersey Department of Environmental Protection (NJDEP) *Technical Requirements for Site Remediation (TRSR)* N.J.A.C. 7:26E-6.5 and 6.6, respectively. This RAPR covers the time period of October 2005 through September 2006 and includes the following: a Site summary, status of the groundwater pump and treat and air sparge/soil vapor extraction (AS/SVE) systems, results of quarterly groundwater sampling conducted during the reporting period (October 2005 through September 2006), and the proposed actions for the Site.

2.0 SITE SUMMARY

NJDEP Case Manager: Mr. Larry Quinn
NJDEP Bureau of Case Management

Report Submitted by: Joseph Fallon

Reporting Period: October 2005 through September 2006

Past Site Use: Wastewater Treatment Lime Pit 1 (CW-1) was located in the central area of the Hexagon Building (Building 2700) at Charles Wood, just east of the west wing of the building (Figure 1). The lime pit was built concurrently with the Hexagon Building in 1952, and had a concrete floor and concrete block and mortar walls, and measured 7 feet by 13 feet wide by 8 feet high (Figure 2). The cover was constructed of concrete with a steel access panel. Liquid wastes from the north and west wings of the Hexagon Building passed through this acid neutralization pit before being discharged to the sanitary sewer. In October 1992, the pit was cleaned out, inspected, and the limestone chips replaced. Elevated concentrations of halogenated hydrocarbons (HHCs) found in samples collected during the 1992 cleanout indicated the possibility that solvents were discharged into the lime pit.

Remedial Status: Submitted a Site Investigation Report (SIR) in 1995, Supplemental Site Investigation Report (SSIR) in 1996, and Remedial Action Workplan (RAWP) in 1997, respectively to the NJDEP.

Contaminant of Concern: Trichloroethene (TCE).

Sampling Frequency: Quarterly groundwater sampling, monitoring and submitting results

in RAPR to the NJDEP according to the RAWP.

Surface Water: The closest surface water is an unnamed tributary of Parkers Creek located approximately 700 feet southeast (down/sidegradient).

Site Geology: Regionally, the Site is located in the Coastal Plains physiographic province (NJDEP i-Map, 2008). Locally, the Site is located in the

Hornerstown formation (NJDEP i-Map, 2008). Previous site investigations have revealed sediments are predominately silty sand with varying percentages of clay, and a laterally continuous silt unit at least 19 feet thick that begins at 41 feet below grade (fbg).

Hydrogeology: In general, depth to groundwater observed during sampling activities at the Site has been approximately 7.5 feet to 10 feet fbg. Groundwater flow in the shallow water table aquifer is generally to east. Groundwater flow in the deep monitoring wells is generally east-northeast. Site is located in a Class IIIA designated area (N.J.A.C. 7:9C). Composite Confining Unit (NJDEP i-Map, 2008), which ranges from 20 to 350 fbg underlies at the Site. The estimated groundwater recharge at the Site area is approximately 2.18 inches per year (NJDEP i-Map, 2008).

Site History:

1992: Concrete lime pit was cleaned-out and waste material was disposed off-site. Pit was filled with fresh limestone and prohibited from chemical dumping.

1995: Chlorinated volatile organic compounds (VOCs) were identified in groundwater adjacent to the former lime pit in February 1995. SIR was submitted to NJDEP in December and March 1995 by Weston Solutions, Inc. (Roy F. Weston, Inc.).

1996 Conducted passive soil gas survey (SGS) to confirm VOCs contaminants extent at the Site and submitted results to the NJDEP in Supplemental Investigation Report in 1996 by Weston

1997: Conducted Remedial Investigation (RI) to delineate VOCs contaminant in shallow groundwater and submitted results to the NJDEP in Remedial Action Workplan (RAW) by Smith Technology Corporation (Smith) in 1997.

1998: Implemented AS/SVE remediation system on April 8, 1998.

2001: Lime pit (CW-1) decommissioned. Remaining limestone chips and concrete excavated and disposed off-site (approximately 174 cubic yards). Following excavation, former lime pit was backfilled with clean fill.

2002: Implemented groundwater pump and treat system on July 8, 2002.

2005: Both AS/SVE and groundwater pump and treat system turned off on May 25, 2005, as conditionally approved by the NJDEP.

2005: Submitted RAPR for October 2004 through July 2005 monitoring period.

2006 RAPR for October 2005 through September 2006 monitoring period.

3.0 REMEDIATION STATUS

As reported in the previous RAPR dated March 2006, the AS/SVE system and the groundwater pump and treat system installed at the Site were both shutdown on May 25, 2005, as was conditionally approved by the NJDEP. Hence, neither the AS/SVE system nor the groundwater pump and treat system operated during the reporting period (October 2005 through September 2006).

As discussed in the March 2006 RAPR that the AS/SVE system had reached the desired endpoint for the removal of recoverable vapor-phase mass, as influent concentrations had dropped to zero. As to the groundwater pump and treat system, the VOCs have been reduced to asymptotic levels, and other remedial approaches are being evaluated. Shutting down the groundwater pump and treat system has also allowed for the collection of non-pumping samples under static conditions.

The AS/SVE system has not been removed; however, it is being maintained in an operable condition, but in a stand by mode.

3.1 AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM

The 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, CW1MW-028, CW1MW-029, 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. Figure 3 shows the process and instrumentation diagram (P&ID) of the system, illustrating both the groundwater and AS/SVE systems.

3.2 GROUNDWATER PUMP AND TREAT SYSTEM

Groundwater pump and treat system consists of two recovery wells (RW-1 and RW-2) equipped with electric submersible groundwater pumps that discharge to a treatment system consisting of an air stripper, two solids filters, and two granular activated carbon units. Figure 3 shows a P&ID of the system, illustrating both the groundwater and the AS/SVE systems.

4.0 GROUNDWATER SAMPLING

Four quarterly groundwater samples were collected on December 9 & 12, 2005, January 12, 2006, April 13, 2006, and July 12, 2006 from monitoring wells CW1MW-026 through CW1MW-032, CW1MW-034, CW1MW-035, CW1MW-040, CW1MW281 and CW1MW-291, and analyzed for VOC plus fifteen (15) library search (VOC+15). 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 the Fort Monmouth Environmental Testing Laboratory (NJDEP certification #13461) analyzed the samples.

Prior to sampling, each monitoring well was gauged for depth to groundwater. Table 1 and Table 2 include the gauging data. Figure 4 through Figure 11 depict shallow and deep groundwater contour maps constructed from the monitoring well gauging data collected on December 9 & 12, 2005, January 12, 2006, April 13, 2006, and July 12, 2006.

Groundwater contour maps for the gauging data collected during the reporting period (October 2005 through September 2006) were generated using Surfer Surface Mapping System software (version 6.04). Figures 4, 6, 8, and 10 depict groundwater contours in the shallower zone, and indicate a generally east groundwater flow direction in this shallower zone. Figures 5, 7, 9, and 11 depict groundwater contours in the deeper zone, and indicate a generally east-northeast groundwater flow direction.

Table 1 summarizes the groundwater sampling analytical results for the shallow wells, and Table 2 summarizes the groundwater sampling analytical results for the deep wells. Figures 12, 13, 14, and 15 show the groundwater sampling analytical results for the reporting period on the site map (for December 9 & 12, 2005, January 12, 2006, April 13, 2006, and July 12, 2006, respectively). Appendix A through Appendix D includes the field sampling data sheets and the laboratory analytical reports for the four quarterly sampling events (December 9 & 12, 2005, January 12, 2006, April 13, 2006, and July 12, 2006), respectively. Table 1 and Table 2 also include well gauge reports for the sampling events (December 9 & 12, 2005, January 12, 2006, April 13, 2006, and July 12, 2006) and specifications for Site wells. Appendix E includes contour map reporting forms for the four quarterly sampling events (December 9 & 12, 2005, January 12, 2006, April 13, 2006, and July 12, 2006).

4.1 CONTAMINANTS OF CONCERN

4.1.1 Volatile Organic Results

TCE is the one VOC that remains above the Class IIA Groundwater Quality Standards (GWQS). As noted above, the Site is located in the Hornerstown formation, which is classified as a Class IIIA aquitard (N.J.A.C. 7:9C). The presence of TCE is generally limited to the three source area wells, CW1MW-028, CW1MW-029, and CW1MW-281. The maximum TCE concentration recorded in the source area wells during the reporting period (October 2005 through September 2006) was 55.82 parts per billion (ppb) in CW1MW-281 on July 12, 2006. Besides the above listed wells, the only detection of TCE above the 1.0 ppb Class IIA GWQS during the reporting period (October 2005 through September 2006) was in CW1MW-026 and CW1MW-027, and ranged from 1.68 ppb in CW1MW-026 during the January 2006 sampling event to 4.77 ppb in CW1MW-027 during the July 2006 sampling event. Summary of the contaminants of concern (COCs) are included in Table 3 below:

Table 3

Summary of Contaminants of Concern

Well ID	Sampling Date	TCE Concentration (ppb)
GWQC		**1**
CW1MW-026 (upgradient)	**12/12/05**	**2.69**
	01/12/06	**1.68**
	04/13/06	ND
	07/12/06	ND
CW1MW-027 (upgradient)	**12/09/05**	**2.03**
	01/12/06	**1.74**
	04/13/06	0.72
	07/12/06	**4.77**
CW1MW-028 (source area)	**12/09/05**	**4.88**
	01/12/06	**2.30**
	04/13/06	0.30
	07/12/06	**2.13**
CW1MW-029 (source area)	**12/09/05**	**20.16**
	01/12/06	**2.57**
	04/13/06	**18.48**
	07/12/06	**52.97**
CW1MW-281 (source area; deep well)	**12/12/05**	**23.71**
	01/12/06	**11.49**
	04/13/06	**17.45**
	07/12/06	**55.82**

Notes: Location of well relative to source area is noted in parenthesis below Well ID;
ND – Not Detected above method detection limit;
GWQC – Groundwater Quality Criteria (October 4, 2005);
Results in **BOLD** exceed the 1.0-ppb GWQC;

Figures 16, 17, and 18 depict historical total VOC concentration graphs for source area wells CW1MW-028, CW1MW-029, and CW1MW-281. Whereas all three graphs show VOC concentrations during the reporting period (October 2005 through September 2006) have remained low relative to the historical high concentration levels. Figures 17 and 18 for monitoring wells CW1MW-029 and CW1MW-281 show the concentrations recorded on July 12, 2006 were higher than the concentrations detected in the past four years for CW1MW-029 and past eight years for CW1MW-281. HCR recommends evaluating more recent data before drawing specific conclusions from the current (July 12, 2006) sampling data.

Monitoring wells that contained VOC concentrations below the GWQC on one or more date during the reporting period (October 2005 through September 2006) are summarized in Table 4 below:

Table 4

Summary of Non-Exceeded VOCs

Well ID	**1,1,1-trichloroethane Concentration (sampling date/ppb)**	**TCE Concentration (sampling date/ppb)**	**cis-1,2-dichloroethene Concentration (sampling date/ppb)**	**1,1-dichloroethane Concentration (sampling date/ppb)**	**Carbon Tetrachloride Concentration (sampling date/ppb)**
GWQC	**30**	**1**	**70**	**50**	**1**
CW1MW-026 (upgradient)	12/09/05: 0.44 ppb 01/12/06: 0.42 ppb	--	--	--	--
CW1MW-027 (upgradient)	12/09/05: 0.89 ppb 01/12/06: 0.71 ppb	04/13/06: 0.72 ppb	--	--	--
CW1MW-028 (source area)	--	04/13/06: 0.30 ppb	--	--	--
CW1MW-029 (source area)	12/09/05: 3.42 ppb 04/13/06: 0.22 ppb	--	12/09/05: 0.99 ppb 04/13/06: 0.29 ppb 07/12/06: 1.05 ppb	12/09/05: 0.42 ppb	12/09/05: 0.57 ppb
CW1MW-031 (downgradient)	--	12/12/05: 0.78 ppb 01/12/06: 0.36 ppb 04/13/06: 0.61 ppb	--	--	--
CW1MW-281 (source area; deep well)	--	--	12/12/05: 0.32 ppb 04/13/06: 0.25 ppb 07/12/06: 0.86 ppb	--	--

Notes: Location of well relative to source area is noted in parenthesis below Well ID;
ND – Not detected.

The following wells were non-detect for all VOCs during all sampling events conducted during the reporting period (October 2005 through September 2006): CW1MW-030, CW1MW-032, CW1MW-034, CW1MW-035, CW1MW-040, and CW1MW-291. Monitoring wells CW1MW-033, CW1-036, CW1MW-037, CW1MW-038 and CW1-MW-282 were not sampled during this reporting period.

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

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

TCE was the primary contaminant of concern and not detected in any of the blank samples.

Method Blanks

A laboratory method blank accompanied each round of samples collected at the Site. 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 VOC+15 and tentatively identified compounds (TICs).

One VOC was detected in a method blank sample. Chloroform was detected in a single method blank from the April 13, 2006 groundwater sampling event at a concentration of 1.17 ppb, which is below the NJDEP GWQC.

Trip Blanks

A trip blank accompanied each round of samples collected at the Site to document that VOCs were not introduced into the samples during the handling process. The trip blanks were prepared by the Fort Monmouth Environmental Testing Laboratory 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 a trip blank sample. Chloroform was detected in a single trip blank from the April 13, 2006 groundwater sampling event at a concentration of 0.77 ppb, which is below the NJDEP GWQC.

Field Blanks

One field blank sample was obtained during each day's sampling activities to document equipment decontamination procedures. The field blanks were collected by rinsing deionized water, supplied by the laboratory, over the sampling equipment (e.g. bailers) that was used for each day's activities. The water was collected in clean laboratory-supplied sample jars and submitted by TVS for analysis along with the groundwater samples by Fort Monmouth Environmental Testing Laboratory.

One VOC was detected in a field blank sample. Chloroform was detected in a single field blank from the April 13, 2006 groundwater sampling event at a concentration of 0.74 ppb, which is below the NJDEP GWQS.

Duplicate Samples

One field duplicate sample was collected during each day of sampling to verify the consistency of the entire sampling and analytical procedure. For the four sampling events in the reporting period (October 2005 through September 2006), concentrations were detected in both the original well sample and the duplicate well sample during the December 2005, January 2006, and July 2006 sampling events. In all instances, the VOC results for the duplicate samples were close to those obtained for the original samples. During the April 2006 sampling event, both the original and field duplicate samples were non-detect for all VOC compounds.

The original samples and duplicate samples were collected from the following wells:

- December 9 & 12, 2005: CW1MW-029 and CW1MW-291, respectively.
- January 12, 2006: CW1MW-026.
- April 13, 2006: CW1MW-026.
- July 12, 2006: CW1MW-029.

Calculating the relative percent difference (RPD) for VOC concentrations between the duplicate sample and the original groundwater sample was possible for VOC concentrations detected during the December 2005, January 2006, and July 2006 sampling events.

Table 5 below summarizes the RPDs for VOCs detected in the original groundwater sample and the duplicate sample during the reporting period (October 2005 through September 2006):

Table 5

Summary of RPDs for VOCs Detected in Groundwater

Sampling Date	TCE RPD	cis-1,2-dichloroethene RPD	1,1,1-trichloroethane RPD
12/09/05 & 12/02/05	4.64%	2.94%	5.00%
01/12/06	2.44%	--	5.00%
04/13/06	--	--	--
07/12/06	2.46%	2.94%	--

Notes: "--" – RPD could not be calculated, see explanation below.

All of these RPDs are considered acceptable for this type of sampling. No other VOCs were detected in the duplicate and original samples for the December 2005, January 2006, and July 2006 sampling events.

During the April 2006 groundwater sampling event noted in the above Table 5, the duplicate sample and the original groundwater sample were both undetected for all VOCs, and therefore RPDs could not be calculated.

6.0 CONCLUSIONS & RECOMMENDATIONS

TCE concentration in most of the upgradient and downgradient monitoring wells remains low relative to historical concentration levels. Historic TCE concentration levels are summarized in Table 6 below.

If the detected VOC concentrations are compared to the NJDEP's Class IIA GWQS, only TCE exceeds the compound-specific standard of 1.0 ppb. However, since the Site is located in a Class IIIA designated area (N.J.A.C. 7:9C), it is not clear that a comparison with the Class IIA GWQS is appropriate.

Table 6

Summary of Historic TCE Concentration Levels

Reporting Period	Well ID	TCE Concentration (ppb)	TCE Concentration (ppb)	TCE Concentration (ppb)	TCE Concentration (ppb)
GWQC		**1**	**1**	**1**	**1**
October 2005 – September 2006	CW1MW-026 (upgradient)	ND	ND	ND	ND
October 2005 – September 2006	CW1MW-026 (upgradient)	**2.69**	**1.68**	ND	ND
October 2005 – September 2006	CW1MW-027 (upgradient)	ND	ND	ND	**2.26**
October 2005 – September 2006	CW1MW-027 (upgradient)	**2.03**	**1.74**	0.72	**4.77**
October 2005 – September 2006	CW1MW-028 (source area)	ND	**1.61**	0.88	**1.31**
October 2005 – September 2006	CW1MW-028 (source area)	**4.88**	**2.30**	0.30	**2.13**
October 2005 – September 2006	CW1MW-029 (source area)	ND	0.62	ND	**1.74**
October 2005 – September 2006	CW1MW-029 (source area)	**20.16**	**2.57**	**18.48**	**52.97**
October 2005 – September 2006	CW1MW-281 (downgradient)	**20.50**	**7.38**	**3.88**	**21.57**
October 2005 – September 2006	CW1MW-281 (downgradient)	**23.71**	**11.49**	**17.45**	**55.82**

Notes: ND – Not Detected above method detection limit;
Results in **BOLD** exceed the 1.0-ppb GWQS for TCE.

Two of the source area wells, CW1MW-029 and CW1MW-281 indicated an increase in TCE concentrations during the July 2006 groundwater sampling event, as compared to the concentration levels recorded in these wells during the several years prior.

Table 7 shows below TCE concentrations in monitoring wells CW1MW-029 and CW1MW-281 during the current 1-year reporting period (October 2005 through September 2006) and two prior 1-year reporting periods (October 2004 through September 2005; October 2003 through September 2004).

Table 7

Source Area TCE Concentration Levels

Reporting Date	**Monitoring Well CW1MW-029 TCE Concentration (ppb)**	**Reporting Date**	**Monitoring Well CW1MW-281 TCE Concentration (ppb)**
GWQC	**1**		**1**
11/18/03	ND	11/18/03	**1.42 ppb**
02/11/04	ND	02/11/04	**3.48 ppb**
05/24/04	**7.17 ppb**	05/24/04	**4.44 ppb**
07/15/04	**17.49 ppb**	07/15/04	**16.03 ppb**
10/22/04	ND	10/22/04	**20.50 ppb**
01/26/05	0.62 ppb	01/27/05	**7.38 ppb**
04/28/05	ND	04/28/05	**3.88 ppb**
07/21/05	**1.74 ppb**	07/22/05	**21.57 ppb**
12/09/05	**20.16 ppb**	12/12/05	**23.71 ppb**
01/12/06	**2.57 ppb**	01/12/06	**11.49 ppb**
04/13/06	**18.48 ppb**	04/13/06	**17.45 ppb**
07/12/06	**52.97 ppb**	07/12/06	**55.82 ppb**

Notes: ND – Not Detected above method detection limit;
Results in **BOLD** exceed the 1.0-ppb GWQC for TCE.

Fluctuation of TCE concentration levels in the source area's monitoring wells will be re-evaluated as to whether or not the AS/SVE and groundwater pump and treat system be turned-on to reduce the concentration levels to GWQC.

7.0 SCHEDULE OF SITE ACTIVITIES

Monitoring wells at the site will continue to be sampled on a quarterly basis. Table 8 below includes a list of wells to be sampled, along with the analyses for each well, is included in Section 4.1.1 of this RAPR. Groundwater quarterly results will be presented in a RAPR covering the next reporting period (October 2006 through September 2007) and submitted to the NJDEP for review and approval.

Table 8

Summary of Sampling Program

Monitoring Well	Was Analyzed:	Current Sampling:	Reason for Discontinuing Sampling
CW1MW-026	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1MW-027	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1MW-028	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1MW-029	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1MW-030	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1MW-031	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1MW-032	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1MW-033	NA	Discontinued Sampling	VOCs were ND during 26 consecutive sampling rounds
CW1MW-034	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1MW-035	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1MW-036	NA	Discontinued Sampling	VOCs were ND Historically (33 consecutive rounds)
CW1MW-037	NA	Discontinued Sampling	VOCs were ND Historically (33 consecutive rounds)
CW1MW-038 (D)	NA	Discontinued Sampling	VOCs were ND Historically (33 consecutive rounds)
CW1MW-039 (D)	NA	Discontinued Sampling	VOCs were ND Historically (33 consecutive rounds)
CW1MW-040 (D)	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1MW-281 (D)	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA
CW1MW-282	NA	Discontinued Sampling	VOCs were ND Historically (52 consecutive rounds)
CW1MW-291	Quarterly for VOCs.	Continue Quarterly for VOCs.	NA

(D) – Deep Well;
NA – Not Applicable;
VOCs – Volatile Organic Compounds;
ND – Not detected above method detection limit.

Monitoring wells that were not sampled in this reporting period were added to the quarterly sampling period in 8/22/07.

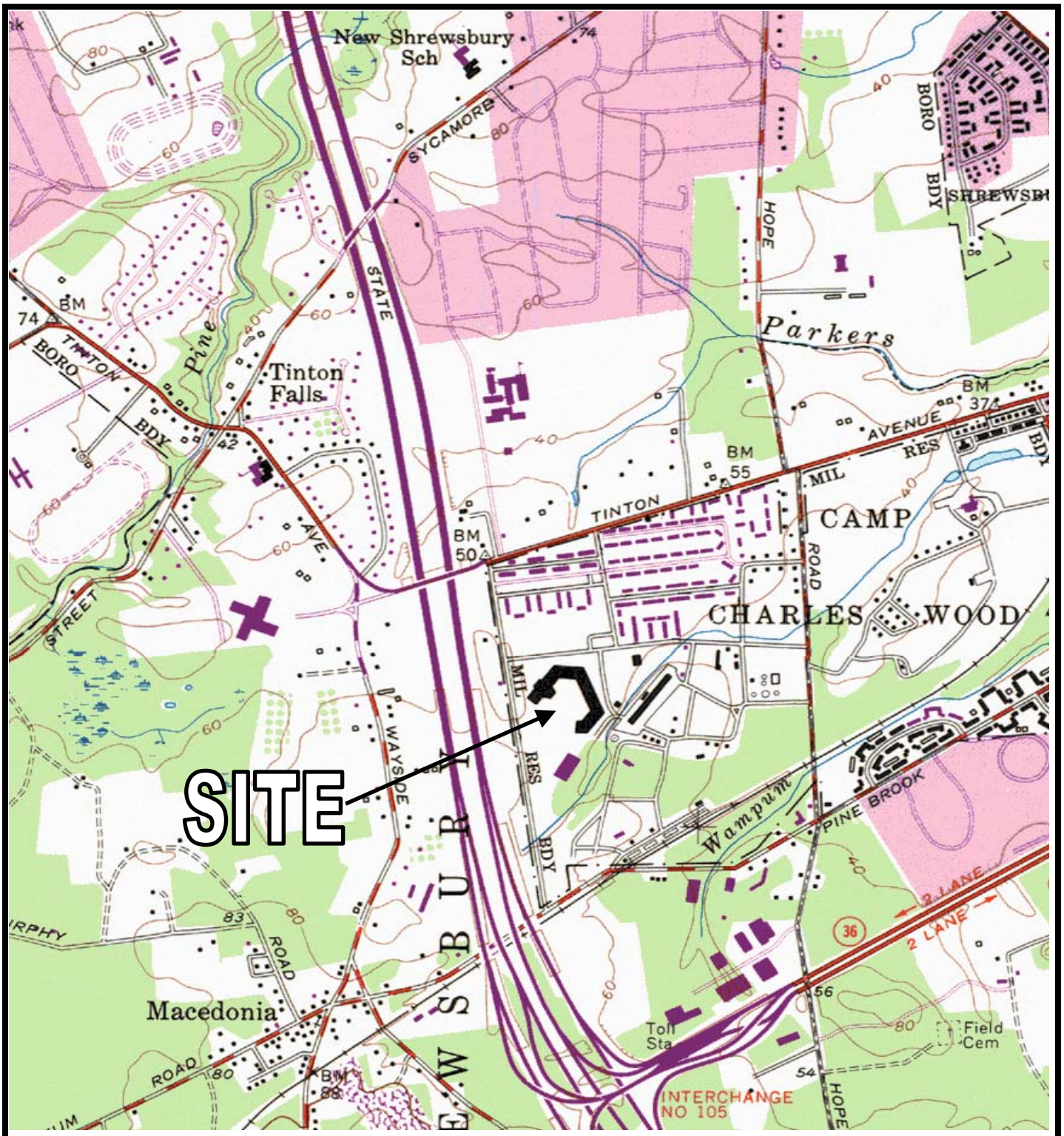
8.0 COST OF REMEDIAL ACTION

From 2001 through the end of the reporting period (September 2006), the cost for remedial activities at the Site provided by HCR (and its predecessor Handex Environmental) has totaled $239,174.51. A breakdown of this total is provided below

2001:	$131,490.11
2002:	$44,609.27
2003:	$21,354.75
2004:	$28,024.00
2005:	Operation and Maintenance for AS/SVE and pump and treat systems: $8,750.00 RAPR: $3,200.00
2006:	Air Permit Report: $1,746.38

9.0 REFERENCES

1) Roy F. Weston, 1995, Site Investigation Report, Site CW-1, Charles Wood Area, Fort Monmouth, New Jersey, November 1995.
2) Roy F. Weston , 1996, Supplemental Site Investigation Report, Sites CW-1 and CW-2, Charles Wood Area, Fort Monmouth, New Jersey, June 1996.
3) Smith Technology Corporation, 1997, Remedial Action Work Plan, Wastewater Treatment Lime Pit, CW-1, Charles Wood Area, Fort Monmouth, New Jersey, June 1997.
4) Handex Consulting & Remediation-Northeast, LLC, 2006, Remedial Action Progress Report, Site CW-1, Charles Wood Area, Fort Monmouth, New Jersey, March 2006.
5) Handex Consulting & Remediation-Northest, LLC, 2007, Remedial Action Progress Report, Site CW-1, Charles Wood Area, Fort Monmouth, New Jersey, June 2007
5) Maptech Terrain Navigator, U.S.G.S Topographic, 2001.
6) NJDEP i-Map, 2008, http://www.nj.gov/dep/gis/newmapping.htm.
7) N.J.A.C. 7:9C, Ground Water Quality Standards, October 4, 2005.



USGS Quadrangle: Long Branch, NJ

N
W E
S

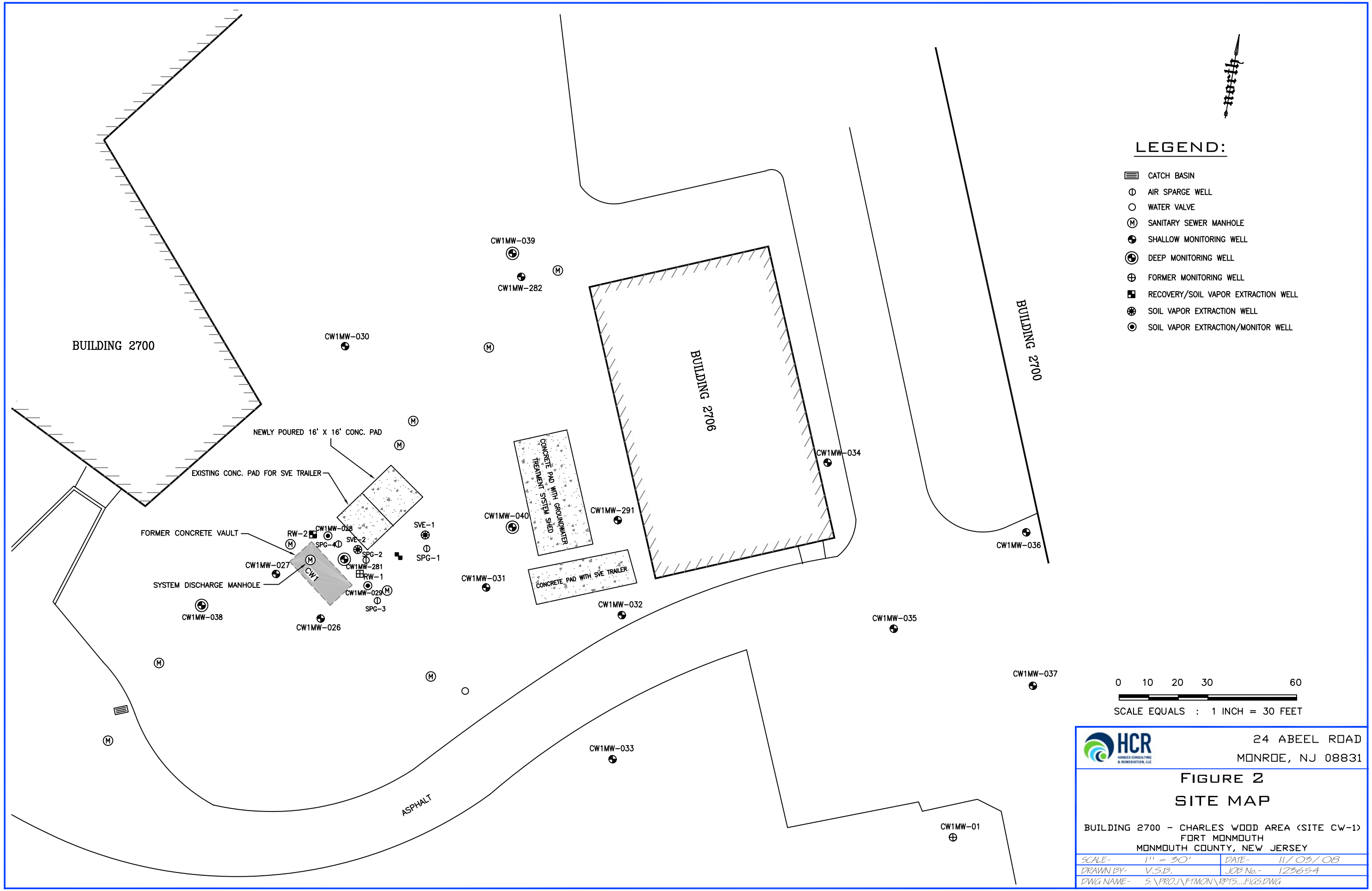
HCR HANDEX CONSULTING & REMEDIATION, LLC

Northeast, LLC

24 Abeel Rd., Monroe, NJ 08831

FIGURE 1
SITE LOCATION MAP

LOCATION	Building 2700-Charles Woods Area (Site CW-1)
	Fort Monmouth, Monmouth County,
	New Jersey
JOB NO.	123654
SCALE	1" = 2000'



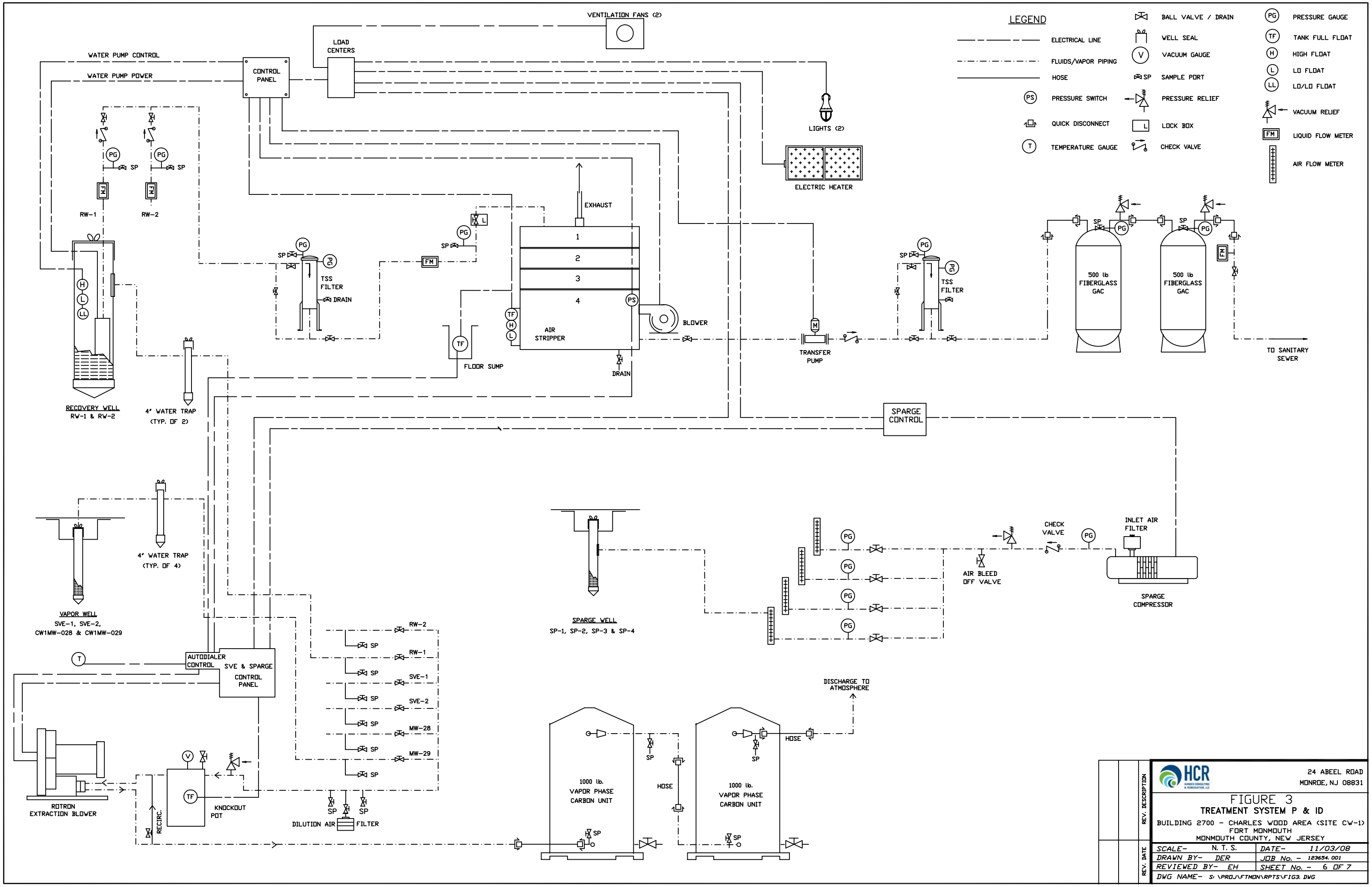
HCR HANDEX CONSULTING & REMEDIATION, LLC

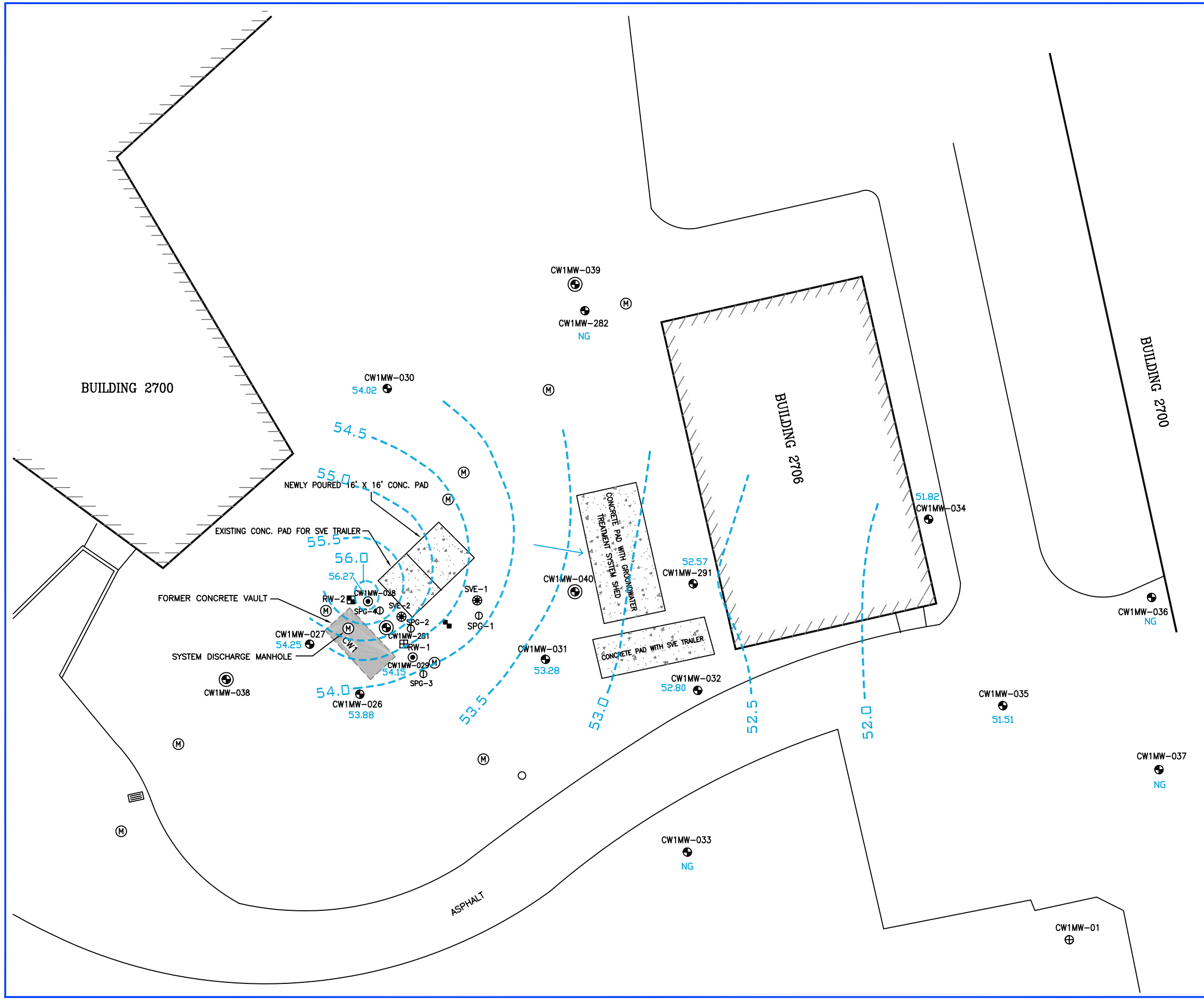
24 ABEEL ROAD
MONROE, NJ 08831

FIGURE 2
SITE MAP

BUILDING 2700 - CHARLES WOOD AREA (SITE CW-1)
FORT MONMOUTH
MONMOUTH COUNTY, NEW JERSEY

SCALE-	1" = 30'	DATE-	11/03/08
DRAWN BY-	V.S.B.	JOB No.-	123654
DWG NAME-	S:\PROJ\FTMON\RPTS...FIGS.DWG		


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
WATER PUMP CONTROL
WATER PUMP POWER
CONTROL PANEL
LIGHTS (2)
ELECTRIC HEATER
EXHAUST
RW-1
RW-2
TSS FILTER
DRAIN
FLOOR SUMP
AIR STRIPPER
BLOWER
TRANSFER PUMP
500 lb FIBERGLASS GAC
TO SANITARY SEWER
RECOVERY WELL
RW-1 & RW-2
4" WATER TRAP (TYP. OF 2)
SPARGE CONTROL
4" WATER TRAP (TYP. OF 4)
VAPOR WELL
SVE-1, SVE-2, CW1MW-028 & CW1MW-029
SPARGE WELL
SP-1, SP-2, SP-3 & SP-4
AIR BLEED OFF VALVE
CHECK VALVE
INLET AIR FILTER
SPARGE COMPRESSOR
AUTODIALER CONTROL
SVE & SPARGE CONTROL PANEL
RW-2
RW-1
SVE-1
SVE-2
MW-28
MW-29
ROTRON EXTRACTION BLOWER
RECIRC.
KNOCKOUT POT
DILUTION AIR
FILTER
1000 lb. VAPOR PHASE CARBON UNIT
HOSE
DISCHARGE TO ATMOSPHERE
HCR
24 ABEEL ROAD
MONROE, NJ 08831
FIGURE 3
TREATMENT SYSTEM P & ID
BUILDING 2700 - CHARLES WOOD AREA (SITE CW-1)
FORT MONMOUTH
MONMOUTH COUNTY, NEW JERSEY
SCALE- N. T. S.
DATE- 11/03/08
DRAWN BY- DER
JOB No. - 123654.001
REVIEWED BY- EH
SHEET No. - 6 OF 7
DWG NAME- S:\PROJ\FTMON\RPTS\FIG3.DWG
REV. DESCRIPTION
REV. DATE



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

GROUNDWATER CONTOURS GENERATED USING SURFER SURFACE MAPPING SYSTEM SOFTWARE (VERSION 6.04).

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

WELL ID	TOC	DTW	GW ELEV
CW1MW-026	62.46	8.58	53.88
CW1MW-027	62.56	8.31	54.25
CW1MW-028	62.89	6.62	56.27
CW1MW-029	60.41	6.26	54.15
CW1MW-030	63.34	9.32	54.02
CW1MW-031	62.72	9.44	53.28
CW1MW-032	63.62	10.82	52.80
CW1MW-033	63.69	NG	NG
CW1MW-034	60.07	8.25	51.82
CW1MW-035	59.55	8.04	51.51
CW1MW-036	60.15	NG	NG
CW1MW-037	59.65	NG	NG
CW1MW-282	61.47	NG	NG
CW1MW-291	63.38	10.81	52.57

**GROUNDWATER & SVE SYSTEMS WERE SHUT DOWN 5/25/05

0 10 20 30 60

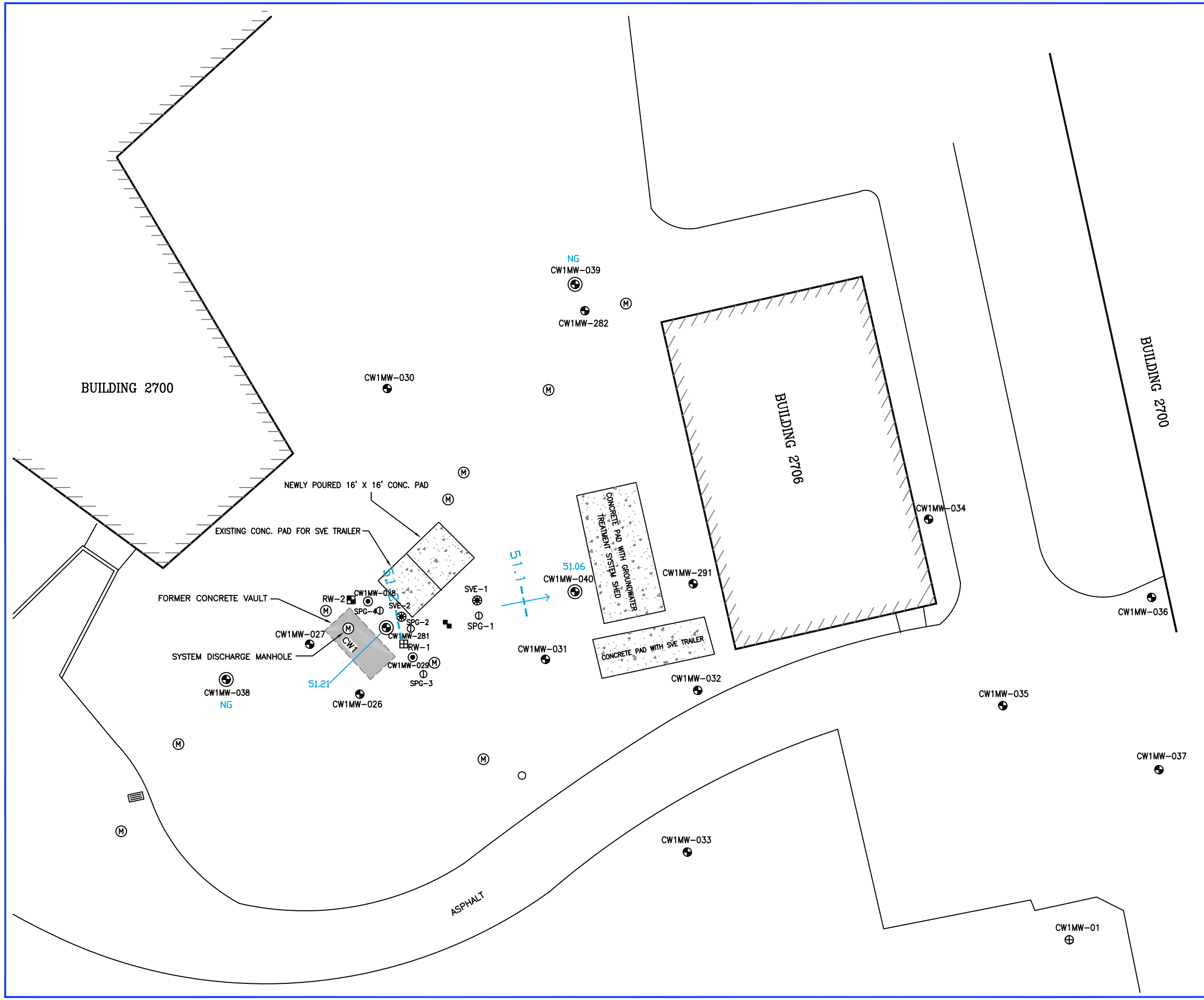
SCALE EQUALS : 1 INCH = 30 FEET

HCR HANDEX CONSULTING & REMEDIATION, LLC

24 ABEEL ROAD
MONROE, NJ 08831

FIGURE 4
GROUNDWATER CONTOUR MAP
SHALLOW MONITORING WELLS
DATA COLLECTED: DECEMBER 9 & 12, 2005
BUILDING 2700 - CHARLES WOOD AREA (SITE CW-1)
FORT MONMOUTH
MONMOUTH COUNTY, NEW JERSEY

SCALE-	1" = 30'	DATE-	11/03/08
DRAWN BY-	V.S.B.	JOB No.-	123654
DWG NAME-	S:\PROJ\FTMON\RPTS...FIGS.DWG		



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

GROUNDWATER CONTOURS GENERATED USING SURFER SURFACE MAPPING SYSTEM SOFTWARE (VERSION 6.04).

ALL ELEVATIONS ARE IN FEET

CONTOUR INTERVAL = 0.1 FT

CONTOURS ARE DASHED WHERE INFERRED

→ GROUNDWATER FLOW DIRECTION

NG= NOT GAUGED

WELL ID	TOC	DTW	GW ELEV
CW1MW-038	63.50	NG	NG
CW1MW-039	62.93	NG	NG
CW1MW-040	63.77	12.71	51.06
CW1MW-281	62.37	11.16	51.21

0 10 20 30 60

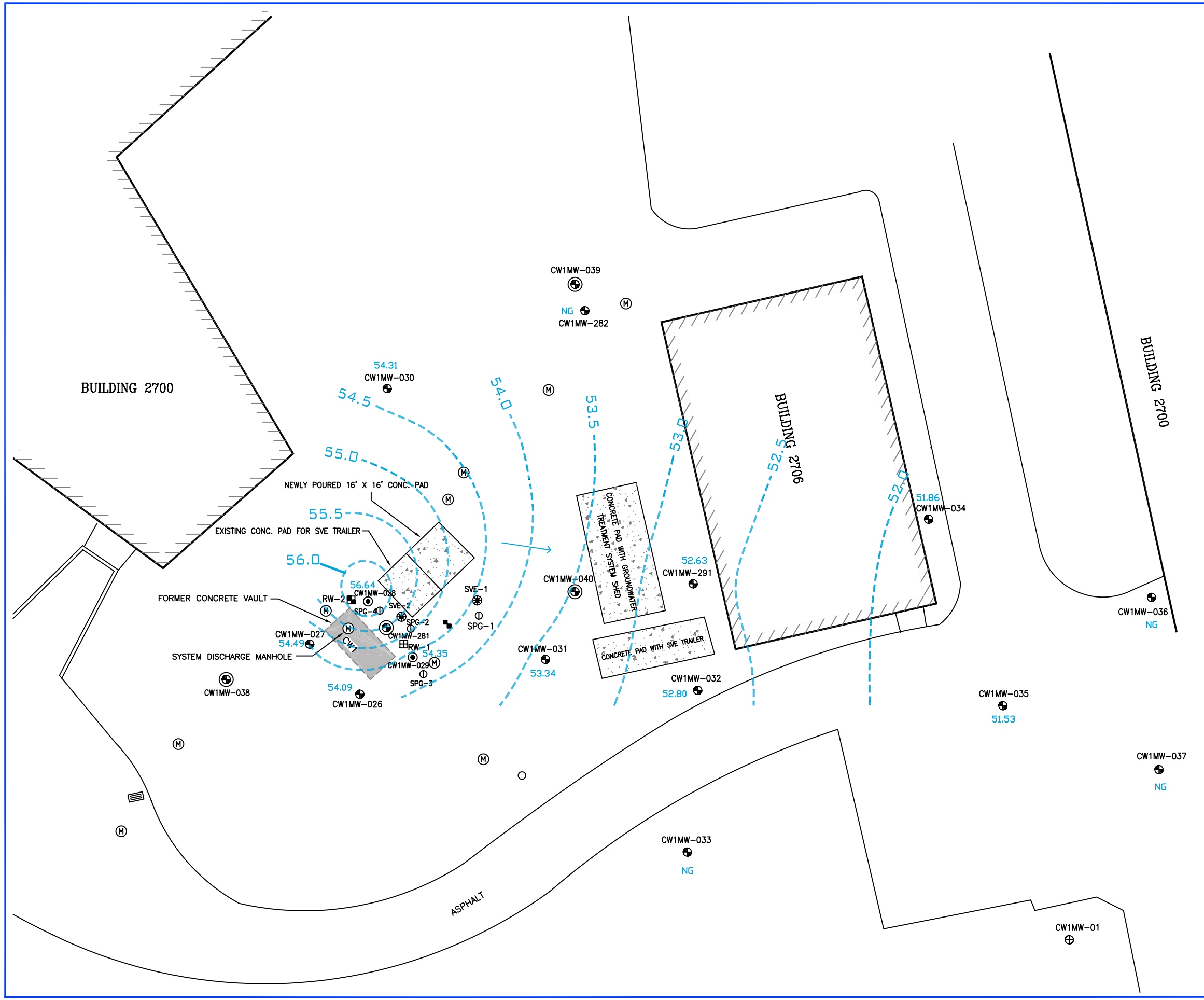
SCALE EQUALS : 1 INCH = 30 FEET

HCR HANDEX CONSULTING & REMEDIATION, LLC

24 ABEEL ROAD
MONROE, NJ 08831

FIGURE 5
GROUNDWATER CONTOUR MAP
DEEP MONITORING WELLS
DATA COLLECTED: DECEMBER 9 & 12, 2005
BUILDING 2700 - CHARLES WOOD AREA (SITE CW-1)
FORT MONMOUTH
MONMOUTH COUNTY, NEW JERSEY

SCALE-	1" = 30'	DATE-	11/05/08
DRAWN BY-	V.S.B.	JOB No.-	123654
DWG NAME-	S:\PROJ\FTMON\RPTS...FIGS.DWG		



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

GROUNDWATER CONTOURS GENERATED USING SURFER SURFACE MAPPING SYSTEM SOFTWARE (VERSION 6.04).

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

WELL ID	TOC	DTW	GW ELEV
CW1MW-026	62.46	8.37	54.09
CW1MW-027	62.56	8.07	54.49
CW1MW-028	62.89	6.35	56.54
CW1MW-029	60.41	6.06	54.35
CW1MW-030	63.34	9.03	54.31
CW1MW-031	62.72	9.38	53.34
CW1MW-032	63.62	10.82	52.80
CW1MW-033	63.69	NG	NG
CW1MW-034	60.07	8.21	51.86
CW1MW-035	59.55	8.02	51.53
CW1MW-036	60.15	NG	NG
CW1MW-037	59.65	NG	NG
CW1MW-282	61.47	NG	NG
CW1MW-291	63.38	10.75	52.63

**GROUNDWATER & SVE SYSTEMS WERE SHUT DOWN 5/25/05

0 10 20 30 60

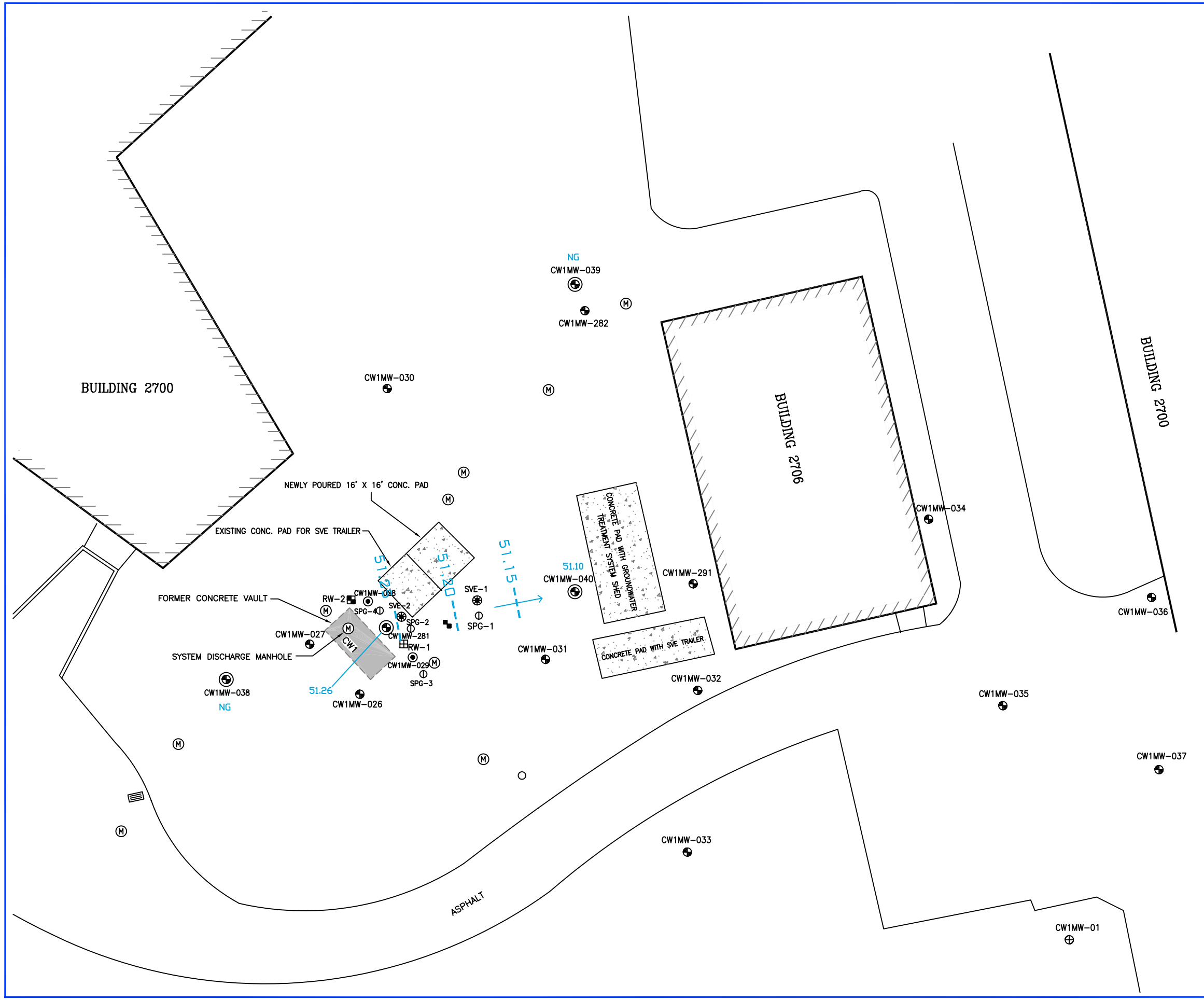
SCALE EQUALS : 1 INCH = 30 FEET

HCR HANDEX CONSULTING & REMEDIATION, LLC

24 ABEEL ROAD
MONROE, NJ 08831

FIGURE 6
GROUNDWATER CONTOUR MAP
SHALLOW MONITORING WELLS
DATA COLLECTED: JANUARY 12, 2006
BUILDING 2700 - CHARLES WOOD AREA (SITE CW-1)
FORT MONMOUTH
MONMOUTH COUNTY, NEW JERSEY

SCALE-	1" = 30'	DATE-	11/03/08
DRAWN BY-	V.S.B.	JOB No.-	123654
DWG NAME-	S:\PROJ\FTMON\RPTS...FIGS.DWG		



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

GROUNDWATER CONTOURS GENERATED USING SURFER SURFACE MAPPING SYSTEM SOFTWARE (VERSION 6.04).

ALL ELEVATIONS ARE IN FEET

CONTOUR INTERVAL = 0.05 FT

CONTOURS ARE DASHED WHERE INFERRED

→ GROUNDWATER FLOW DIRECTION

NG= NOT GAUGED

WELL ID	TOC	DTW	GW ELEV
CW1MW-038	63.50	NG	NG
CW1MW-039	62.93	NG	NG
CW1MW-040	63.77	12.67	51.10
CW1MW-281	62.37	11.11	51.26

0 10 20 30 60

SCALE EQUALS : 1 INCH = 30 FEET

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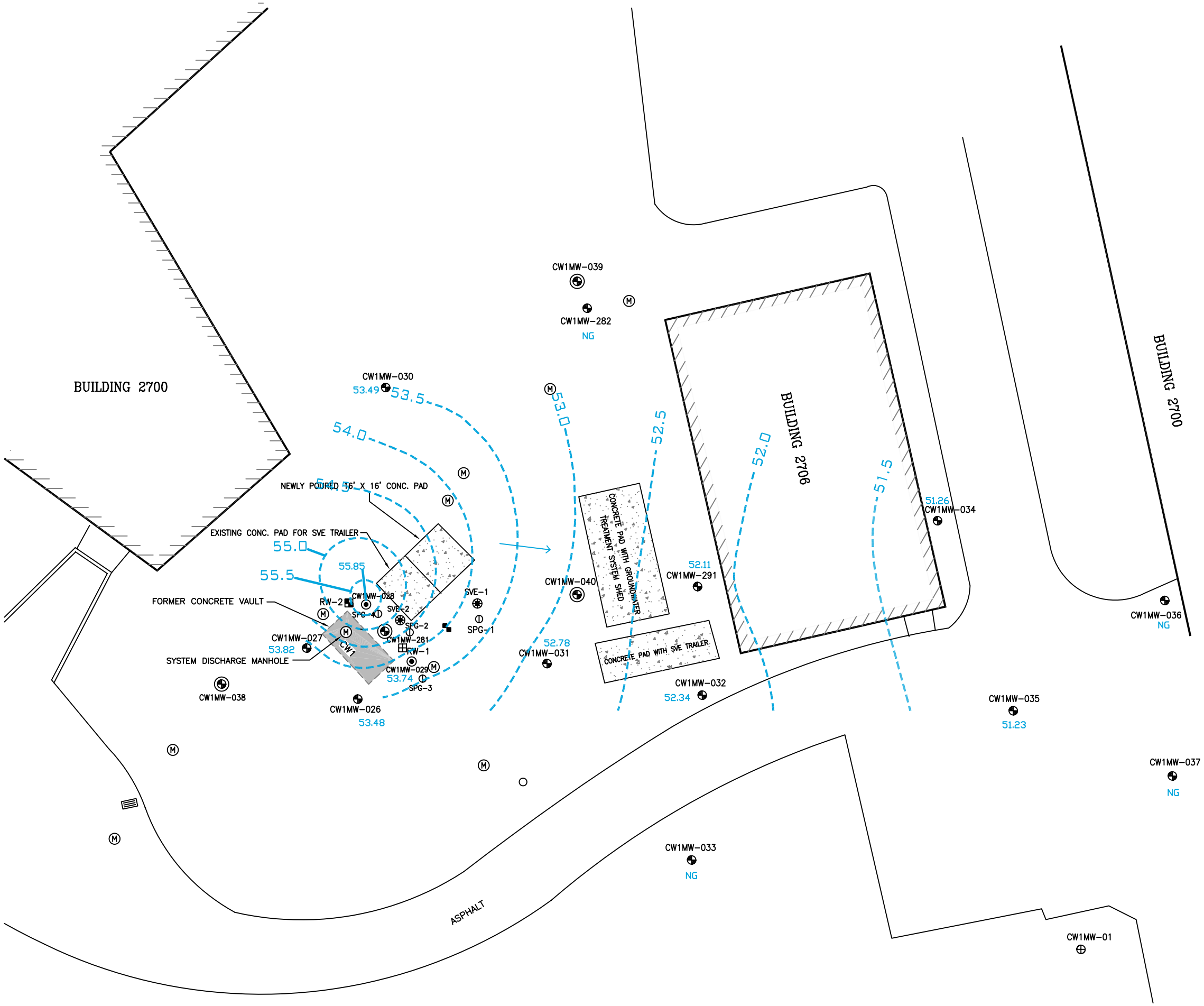
24 ABEEL ROAD
MONROE, NJ 08831

FIGURE 7
GROUNDWATER CONTOUR MAP
DEEP MONITORING WELLS
DATA COLLECTED: JANUARY 12, 2006
BUILDING 2700 - CHARLES WOOD AREA (SITE CW-1)
FORT MONMOUTH
MONMOUTH COUNTY, NEW JERSEY

SCALE-	1" = 30'	DATE-	11/05/08
DRAWN BY-	V.S.B.	JOB No.-	123654
DWG NAME-	S:\PROJ\FTMON\RPTS...FIGS.DWG		



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

GROUNDWATER CONTOURS GENERATED USING SURFER SURFACE MAPPING SYSTEM SOFTWARE (VERSION 6.04).

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

WELL ID	TOC	DTW	GW ELEV
CW1MW-026	62.46	8.98	53.48
CW1MW-027	62.56	8.74	53.82
CW1MW-028	62.89	7.04	55.85
CW1MW-029	60.41	6.67	53.74
CW1MW-030	63.34	9.85	53.49
CW1MW-031	62.72	9.94	52.78
CW1MW-032	63.62	11.28	52.34
CW1MW-033	63.69	NG	NG
CW1MW-034	60.07	8.81	51.26
CW1MW-035	59.55	8.32	51.23
CW1MW-036	60.15	NG	NG
CW1MW-037	59.65	NG	NG
CW1MW-282	61.47	NG	NG
CW1MW-291	63.38	11.27	52.11

**GROUNDWATER & SVE SYSTEMS WERE SHUT DOWN 5/25/05

0 10 20 30 60

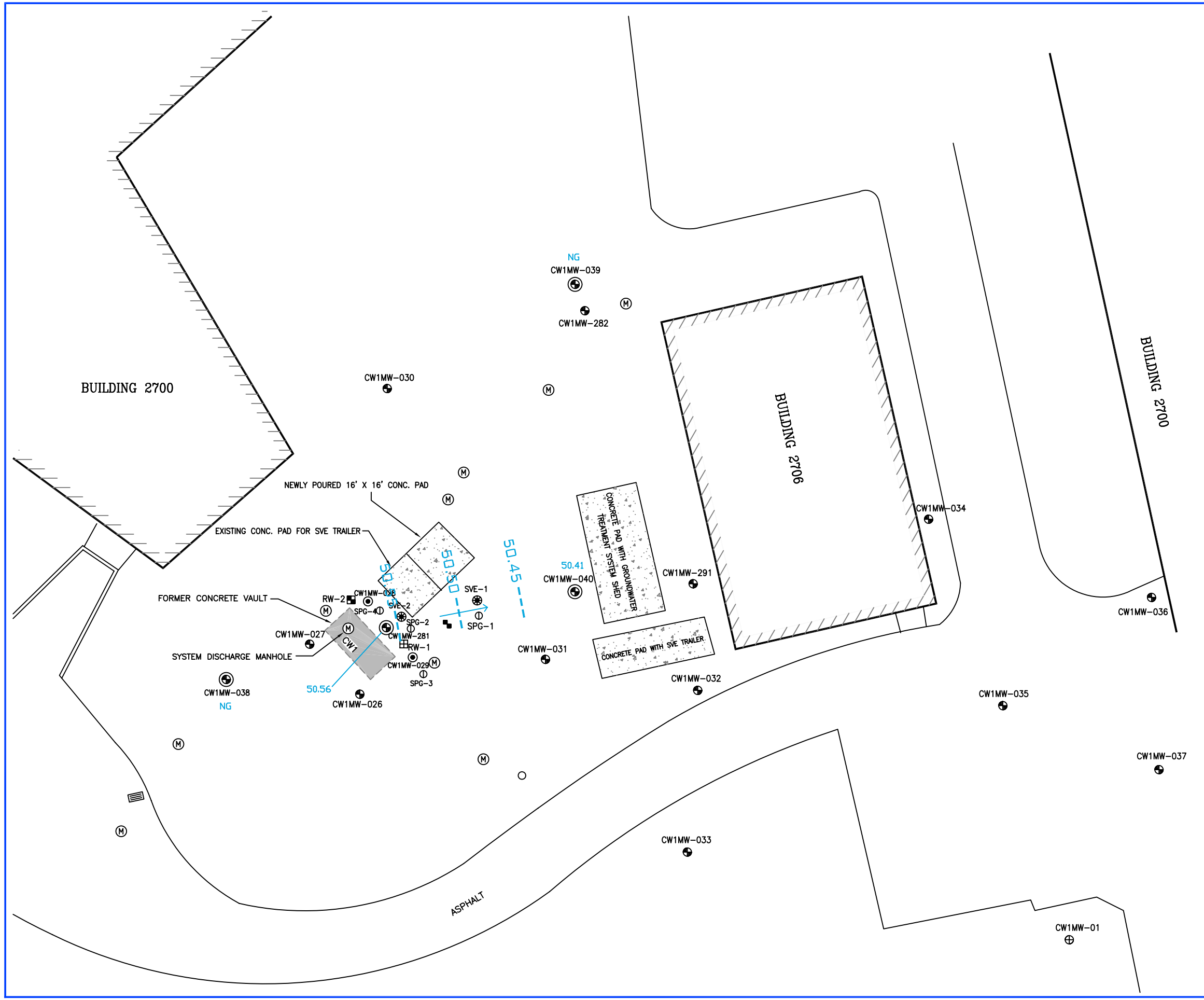
SCALE EQUALS : 1 INCH = 30 FEET

HCR HANDEX CONSULTING & REMEDIATION, LLC

24 ABEEL ROAD
MONROE, NJ 08831

FIGURE 8
GROUNDWATER CONTOUR MAP
SHALLOW MONITORING WELLS
DATA COLLECTED: APRIL 13, 2006
BUILDING 2700 - CHARLES WOOD AREA (SITE CW-1)
FORT MONMOUTH
MONMOUTH COUNTY, NEW JERSEY

SCALE-	1" = 30'	DATE-	11/03/08
DRAWN BY-	V.S.B.	JOB No.-	123654
DWG NAME-	S:\PROJ\FTMON\RPTS...FIGS.DWG		



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

GROUNDWATER CONTOURS GENERATED USING SURFER SURFACE MAPPING SYSTEM SOFTWARE (VERSION 6.04).

ALL ELEVATIONS ARE IN FEET

CONTOUR INTERVAL = 0.05 FT

CONTOURS ARE DASHED WHERE INFERRED

→ GROUNDWATER FLOW DIRECTION

NG= NOT GAUGED

WELL ID	TOC	DTW	GW ELEV
CW1MW-038	63.50	NG	NG
CW1MW-039	62.93	NG	NG
CW1MW-040	63.77	13.36	50.41
CW1MW-281	62.37	11.81	50.56

0 10 20 30 60

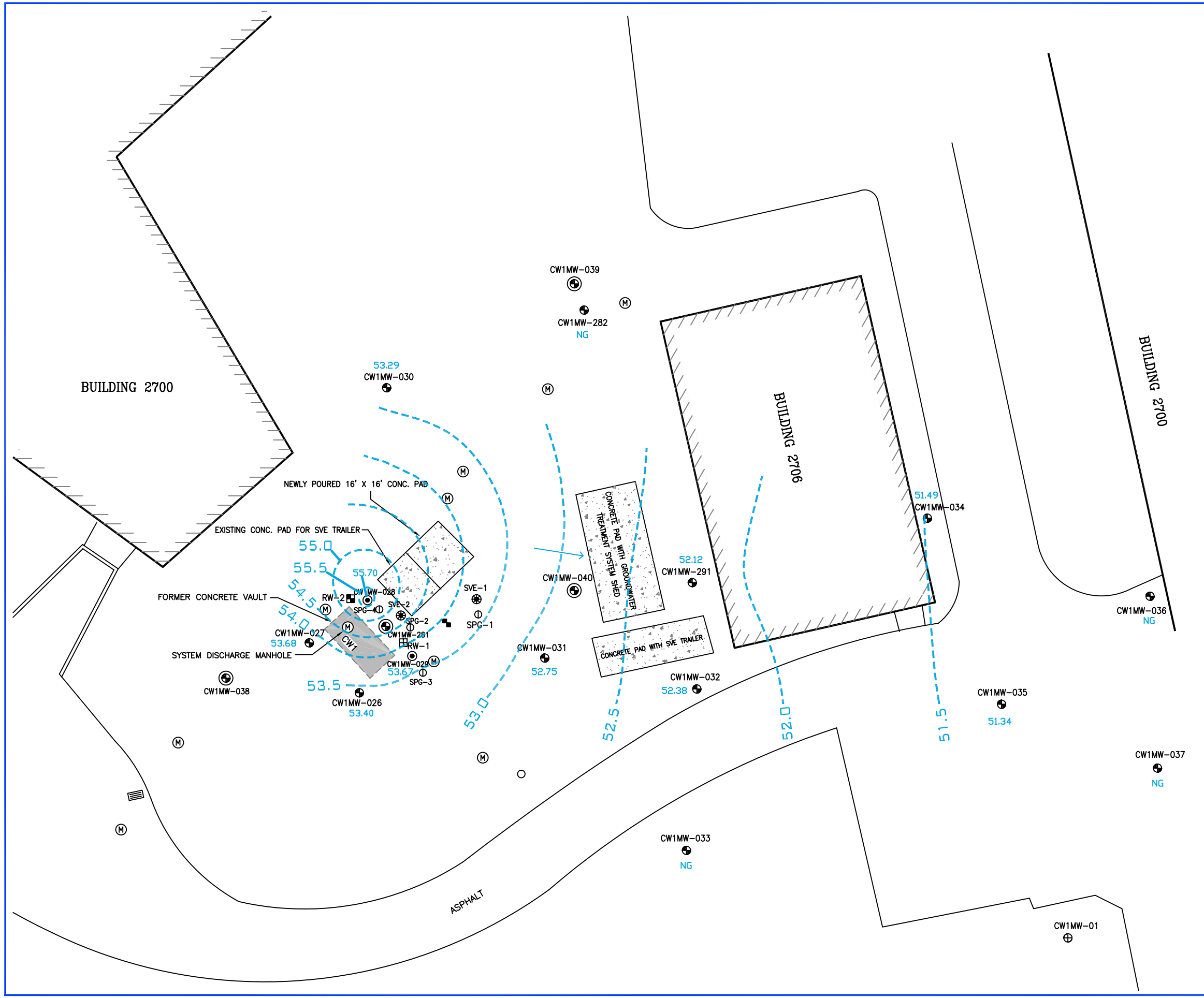
SCALE EQUALS : 1 INCH = 30 FEET

HCR HANDEX CONSULTING & REMEDIATION, LLC

24 ABEEL ROAD
MONROE, NJ 08831

FIGURE 9
GROUNDWATER CONTOUR MAP
DEEP MONITORING WELLS
DATA COLLECTED: APRIL 13, 2006
BUILDING 2700 - CHARLES WOOD AREA (SITE CW-1)
FORT MONMOUTH
MONMOUTH COUNTY, NEW JERSEY

SCALE-	1" = 30'	DATE-	11/03/08
DRAWN BY-	V.S.B.	JOB No.-	123654
DWG NAME-	S:\PROJ\FTMON\RPTS...FIGS.DWG		



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

GROUNDWATER CONTOURS GENERATED USING SURFER SURFACE MAPPING SYSTEM SOFTWARE (VERSION 6.04).

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

WELL ID	TOC	DTW	GW ELEV
CW1MW-026	62.46	9.06	53.40
CW1MW-027	62.56	8.88	53.68
CW1MW-028	62.89	7.19	55.70
CW1MW-029	60.41	6.74	53.67
CW1MW-030	63.34	10.05	53.29
CW1MW-031	62.72	9.97	52.75
CW1MW-032	63.62	11.24	52.38
CW1MW-033	63.69	NG	NG
CW1MW-034	60.07	8.58	51.49
CW1MW-035	59.55	8.21	51.34
CW1MW-036	60.15	NG	NG
CW1MW-037	59.65	NG	NG
CW1MW-282	61.47	NG	NG
CW1MW-291	63.38	11.26	52.12

**GROUNDWATER & SVE SYSTEMS WERE SHUT DOWN 5/25/05

0 10 20 30 60

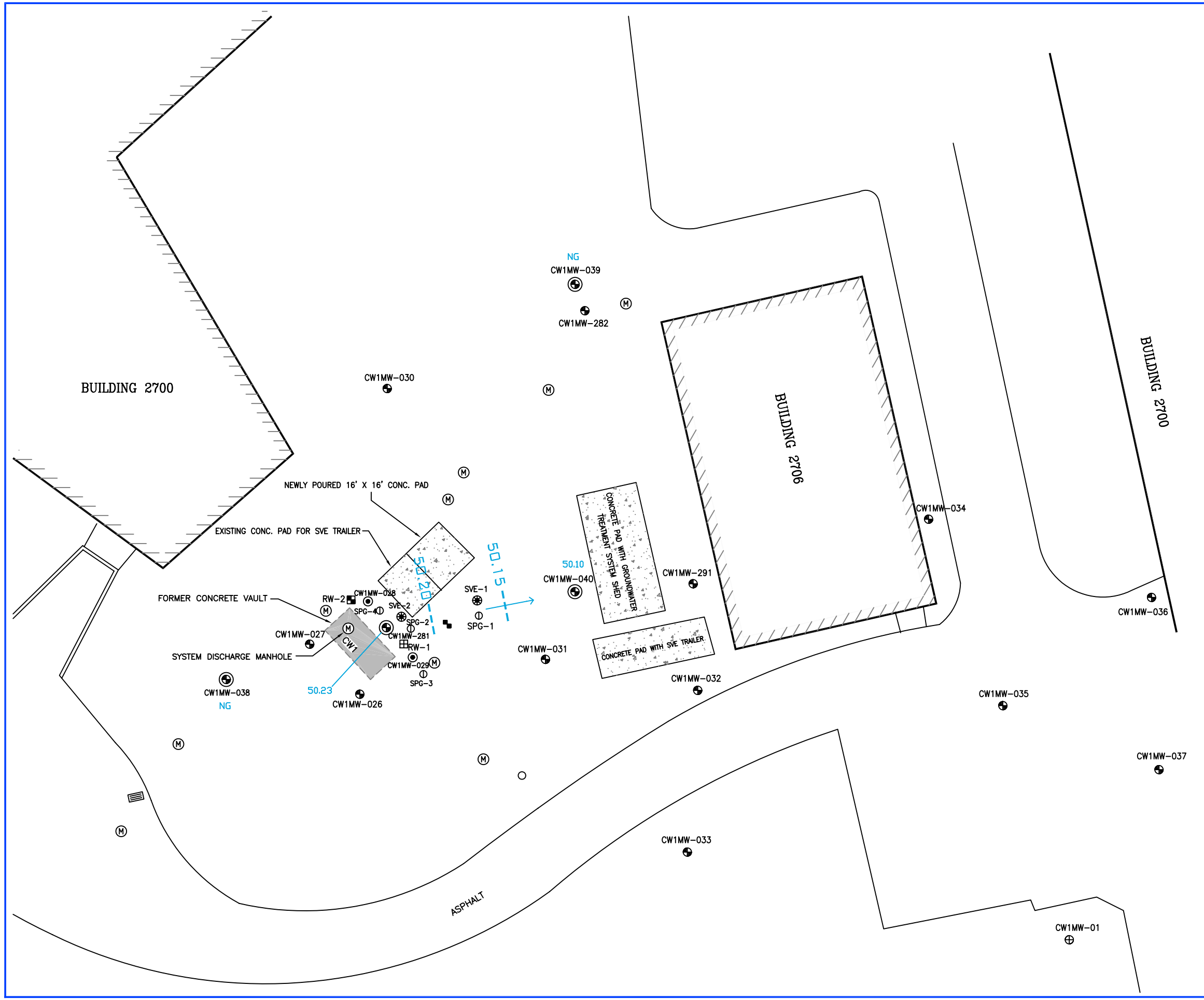
SCALE EQUALS : 1 INCH = 30 FEET

HCR HANDEX CONSULTING & REMEDIATION, LLC

24 ABEEL ROAD
MONROE, NJ 08831

FIGURE 10
GROUNDWATER CONTOUR MAP
SHALLOW MONITORING WELLS
DATA COLLECTED: JULY 12, 2006
BUILDING 2700 - CHARLES WOOD AREA (SITE CW-1)
FORT MONMOUTH
MONMOUTH COUNTY, NEW JERSEY

SCALE-	1" = 30'	DATE-	11/03/08
DRAWN BY-	V.S.B.	JOB No.-	123654
DWG NAME-	S:\PROJ\FTMON\RPTS...FIGS.DWG		



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

GROUNDWATER CONTOURS GENERATED USING SURFER SURFACE MAPPING SYSTEM SOFTWARE (VERSION 6.04).

ALL ELEVATIONS ARE IN FEET

CONTOUR INTERVAL = 0.05 FT

CONTOURS ARE DASHED WHERE INFERRED

→ GROUNDWATER FLOW DIRECTION

NG= NOT GAUGED

WELL ID	TOC	DTW	GW ELEV
CW1MW-038	63.50	NG	NG
CW1MW-039	62.93	NG	NG
CW1MW-040	63.77	13.67	50.10
CW1MW-281	62.37	12.14	50.23

0 10 20 30 60

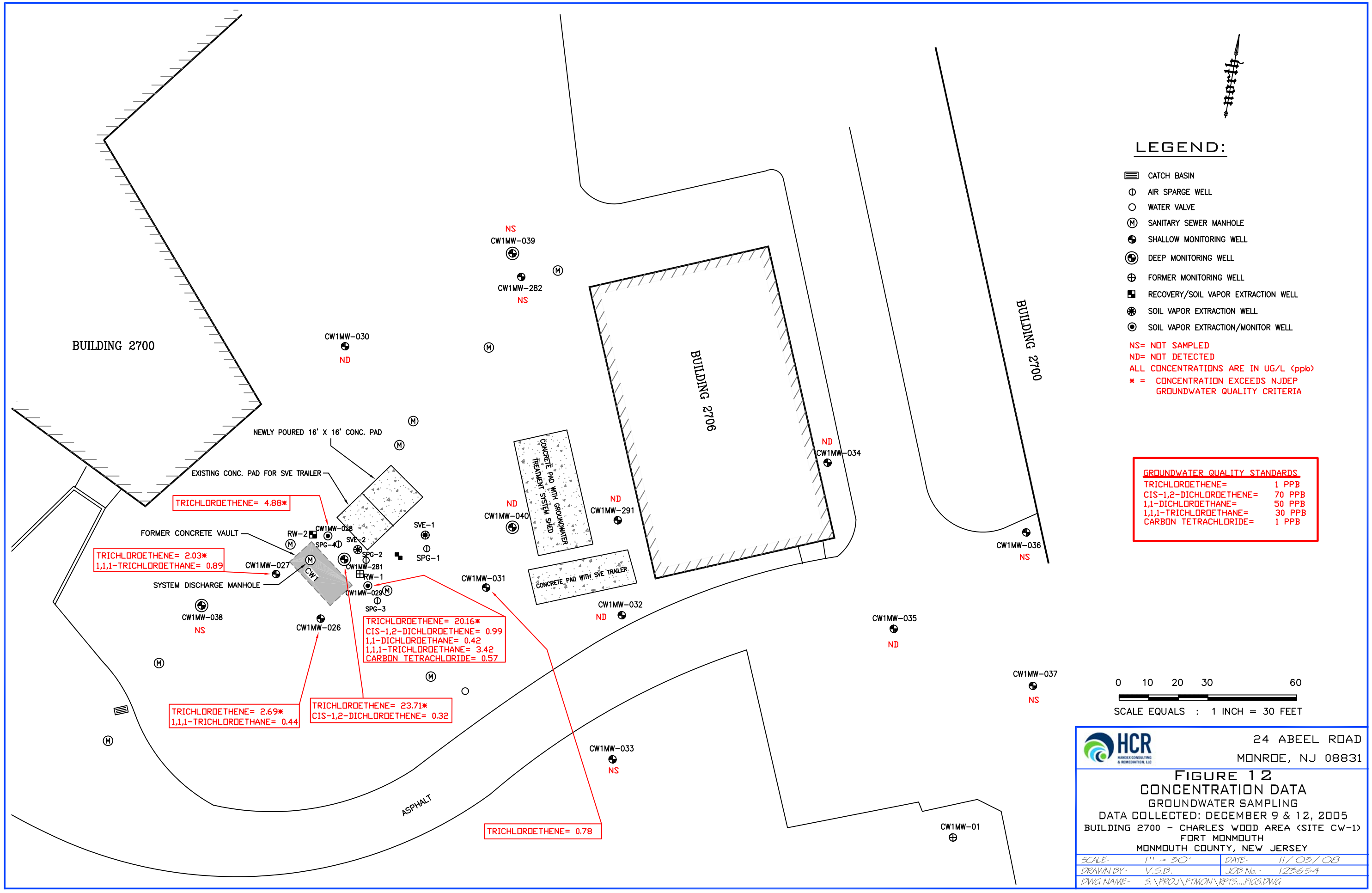
SCALE EQUALS : 1 INCH = 30 FEET

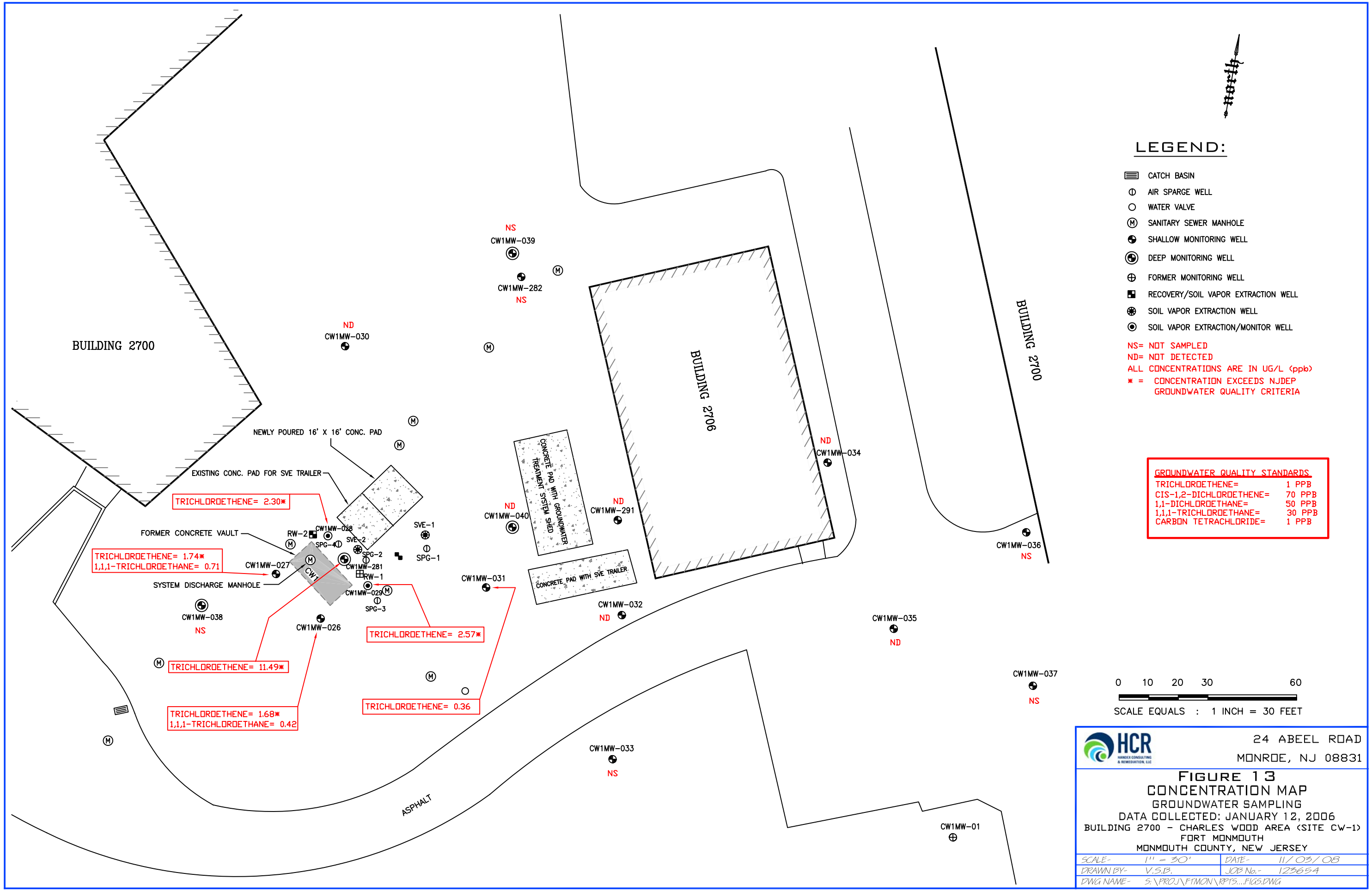
HCR HANDEX CONSULTING & REMEDIATION, LLC

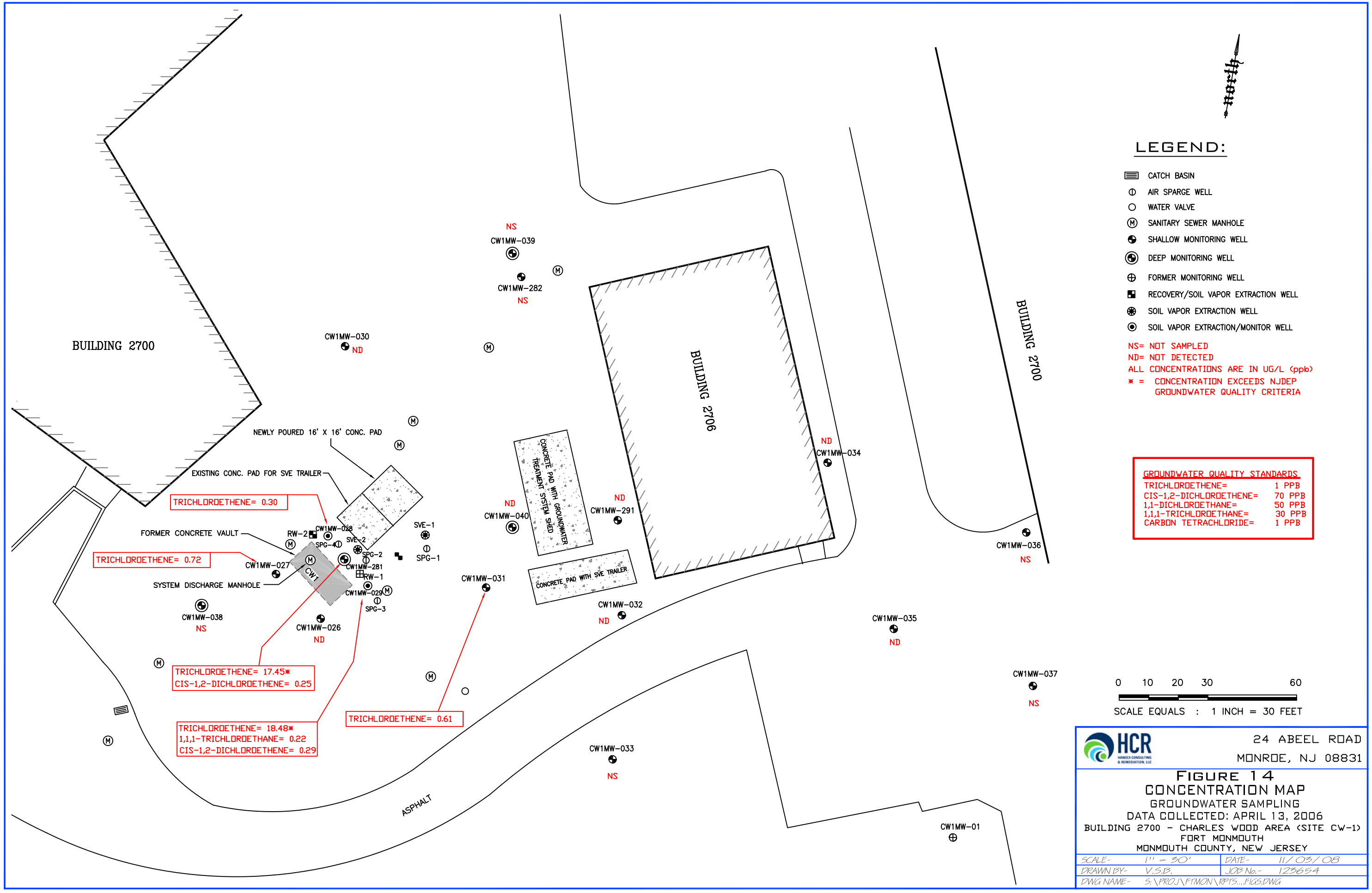
24 ABEEL ROAD
MONROE, NJ 08831

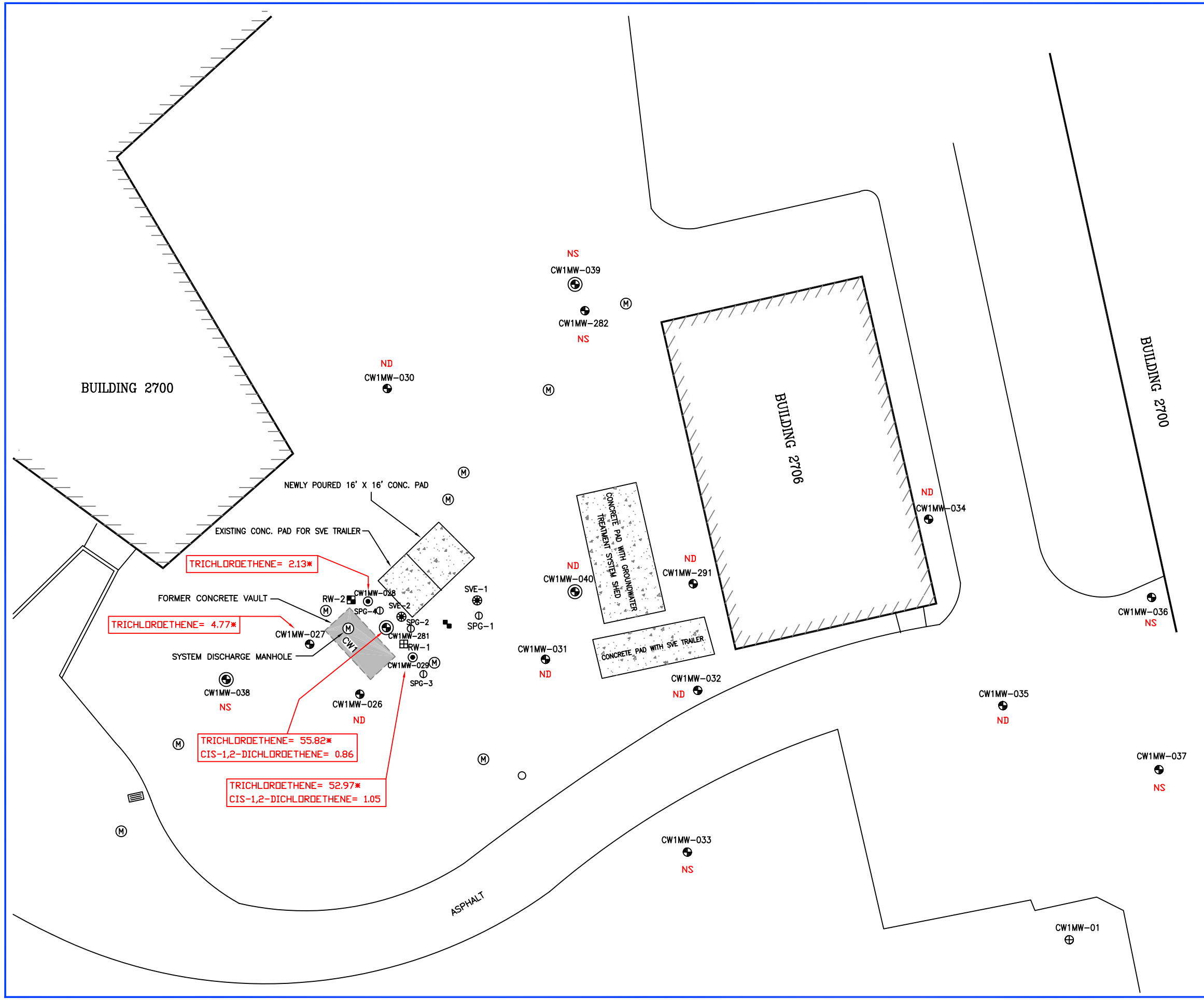
FIGURE 11
GROUNDWATER CONTOUR MAP
DEEP MONITORING WELLS
DATA COLLECTED: JULY 12, 2006
BUILDING 2700 - CHARLES WOOD AREA (SITE CW-1)
FORT MONMOUTH
MONMOUTH COUNTY, NEW JERSEY

SCALE-	1" = 30'	DATE-	11/05/08
DRAWN BY-	V.S.B.	JOB No.-	123654
DWG NAME-	S:\PROJ\FTMON\RPTS...FIGS.DWG		


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 SHED
CONCRETE PAD WITH SVE TRAILER
ASPHALT
TRICHLORDETHENE= 4.88*
TRICHLORDETHENE= 2.03*
1,1,1-TRICHLORDETHANE= 0.89
TRICHLORDETHENE= 20.16*
CIS-1,2-DICHLORDETHENE= 0.99
1,1-DICHLORDETHANE= 0.42
1,1,1-TRICHLORDETHANE= 3.42
CARBON TETRACHLORIDE= 0.57
TRICHLORDETHENE= 2.69*
1,1,1-TRICHLORDETHANE= 0.44
TRICHLORDETHENE= 23.71*
CIS-1,2-DICHLORDETHENE= 0.32
TRICHLORDETHENE= 0.78
NS
CW1MW-039
CW1MW-282
NS
CW1MW-030
ND
ND
CW1MW-034
ND
CW1MW-040
ND
CW1MW-291
CW1MW-036
NS
CW1MW-031
CW1MW-032
ND
CW1MW-035
ND
CW1MW-037
NS
CW1MW-038
NS
CW1MW-026
CW1MW-033
NS
CW1MW-01
CW1MW-028
RW-2
SPG-4
SVE-2
SVE-1
SPG-1
SPG-2
CW1MW-281
RW-1
CW1MW-027
CW1
CW1MW-029
SPG-3
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
GROUNDWATER QUALITY STANDARDS
TRICHLORDETHENE= 1 PPB
CIS-1,2-DICHLORDETHENE= 70 PPB
1,1-DICHLORDETHANE= 50 PPB
1,1,1-TRICHLORDETHANE= 30 PPB
CARBON TETRACHLORIDE= 1 PPB
0 10 20 30 60
SCALE EQUALS : 1 INCH = 30 FEET
HCR
24 ABEEL ROAD
MONROE, NJ 08831
FIGURE 12
CONCENTRATION DATA
GROUNDWATER SAMPLING
DATA COLLECTED: DECEMBER 9 & 12, 2005
BUILDING 2700 - CHARLES WOOD AREA (SITE CW-1)
FORT MONMOUTH
MONMOUTH COUNTY, NEW JERSEY
SCALE- 1" = 30'
DATE- 11/03/08
DRAWN BY- V.S.B.
JOB No.- 123654
DWG NAME- S:\PROJ\FTMON\RPTS...FIGS.DWG


BUILDING 2700
BUILDING 2706
BUILDING 2700
NS
CW1MW-039
CW1MW-282
NS
ND
CW1MW-030
NEWLY POURED 16' X 16' CONC. PAD
EXISTING CONC. PAD FOR SVE TRAILER
TRICHLOROETHENE= 2.30*
FORMER CONCRETE VAULT
RW-2
CW1MW-028
SPG-4
SVE-2
SVE-1
SPG-1
SPG-2
CW1MW-281
RW-1
CW1MW-029
SPG-3
TRICHLOROETHENE= 1.74*
1,1,1-TRICHLOROETHANE= 0.71
CW1MW-027
SYSTEM DISCHARGE MANHOLE
CW1MW-038
NS
CW1MW-026
TRICHLOROETHENE= 2.57*
TRICHLOROETHENE= 11.49*
TRICHLOROETHENE= 1.68*
1,1,1-TRICHLOROETHANE= 0.42
TRICHLOROETHENE= 0.36
CONCRETE PAD WITH GROUNDWATER TREATMENT SYSTEM SHED
ND
CW1MW-040
ND
CW1MW-291
CONCRETE PAD WITH SVE TRAILER
CW1MW-031
CW1MW-032
ND
ND
CW1MW-034
CW1MW-036
NS
CW1MW-035
ND
CW1MW-037
NS
CW1MW-033
NS
CW1MW-01
ASPHALT
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
GROUNDWATER QUALITY STANDARDS
TRICHLOROETHENE= 1 PPB
CIS-1,2-DICHLOROETHENE= 70 PPB
1,1-DICHLOROETHANE= 50 PPB
1,1,1-TRICHLOROETHANE= 30 PPB
CARBON TETRACHLORIDE= 1 PPB
0 10 20 30 60
SCALE EQUALS : 1 INCH = 30 FEET
HCR
24 ABEEL ROAD
MONROE, NJ 08831
FIGURE 13
CONCENTRATION MAP
GROUNDWATER SAMPLING
DATA COLLECTED: JANUARY 12, 2006
BUILDING 2700 - CHARLES WOOD AREA (SITE CW-1)
FORT MONMOUTH
MONMOUTH COUNTY, NEW JERSEY
SCALE- 1" = 30'
DATE- 11/03/08
DRAWN BY- V.S.B.
JOB No.- 1236S4
DWG NAME- S:\PROJ\FTMON\RPTS...FIGS.DWG


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 SHED
CONCRETE PAD WITH SVE TRAILER
ASPHALT
TRICHLOROETHENE= 0.30
TRICHLOROETHENE= 0.72
TRICHLOROETHENE= 17.45*
CIS-1,2-DICHLOROETHENE= 0.25
TRICHLOROETHENE= 18.48*
1,1,1-TRICHLOROETHANE= 0.22
CIS-1,2-DICHLOROETHENE= 0.29
TRICHLOROETHENE= 0.61
CW1MW-039 NS
CW1MW-282 NS
CW1MW-030 ND
CW1MW-034 ND
CW1MW-040 ND
CW1MW-291 ND
CW1MW-036 NS
CW1MW-028
CW1MW-027
CW1MW-281
CW1MW-029
CW1MW-038 NS
CW1MW-026 ND
CW1MW-031
CW1MW-032 ND
CW1MW-035 ND
CW1MW-037 NS
CW1MW-033 NS
CW1MW-01
RW-2
RW-1
SPG-4
SPG-2
SPG-1
SPG-3
SVE-1
SVE-2
CW1
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
GROUNDWATER QUALITY STANDARDS
TRICHLOROETHENE= 1 PPB
CIS-1,2-DICHLOROETHENE= 70 PPB
1,1-DICHLOROETHANE= 50 PPB
1,1,1-TRICHLOROETHANE= 30 PPB
CARBON TETRACHLORIDE= 1 PPB
0 10 20 30 60
SCALE EQUALS : 1 INCH = 30 FEET
HCR
24 ABEEL ROAD
MONROE, NJ 08831
FIGURE 14
CONCENTRATION MAP
GROUNDWATER SAMPLING
DATA COLLECTED: APRIL 13, 2006
BUILDING 2700 - CHARLES WOOD AREA (SITE CW-1)
FORT MONMOUTH
MONMOUTH COUNTY, NEW JERSEY
SCALE- 1" = 30'
DATE- 11/03/08
DRAWN BY- V.S.B.
JOB No.- 1236S4
DWG NAME- S:\PROJ\FTMON\RPTS...FIGS.DWG



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

GROUNDWATER QUALITY STANDARDS	
TRICHLOROETHENE=	1 PPB
CIS-1,2-DICHLOROETHENE=	70 PPB
1,1-DICHLOROETHANE=	50 PPB
1,1,1-TRICHLOROETHANE=	30 PPB
CARBON TETRACHLORIDE=	1 PPB

0 10 20 30 60

SCALE EQUALS : 1 INCH = 30 FEET

HCR HANDEX CONSULTING & REMEDIATION, LLC

24 ABEEL ROAD
MONROE, NJ 08831

FIGURE 15
CONCENTRATION MAP
GROUNDWATER SAMPLING
DATA COLLECTED: JULY 12, 2006
BUILDING 2700 - CHARLES WOOD AREA (SITE CW-1)
FORT MONMOUTH
MONMOUTH COUNTY, NEW JERSEY

SCALE-	1" = 30'	DATE-	11/03/08
DRAWN BY-	V.S.B.	JOB No.-	123654
DWG NAME-	S:\PROJ\FTMON\RPTS...FIGS.DWG		

Figure 16
TOTAL VOC CONCENTRATION IN GROUNDWATER VS. TIME
SHALLOW SOURCE AREA WELL - CW1MW-028
Building 2700-Charles Wood Area Building (Site CW-1)
Fort Monmouth,
Monmouth County, NJ

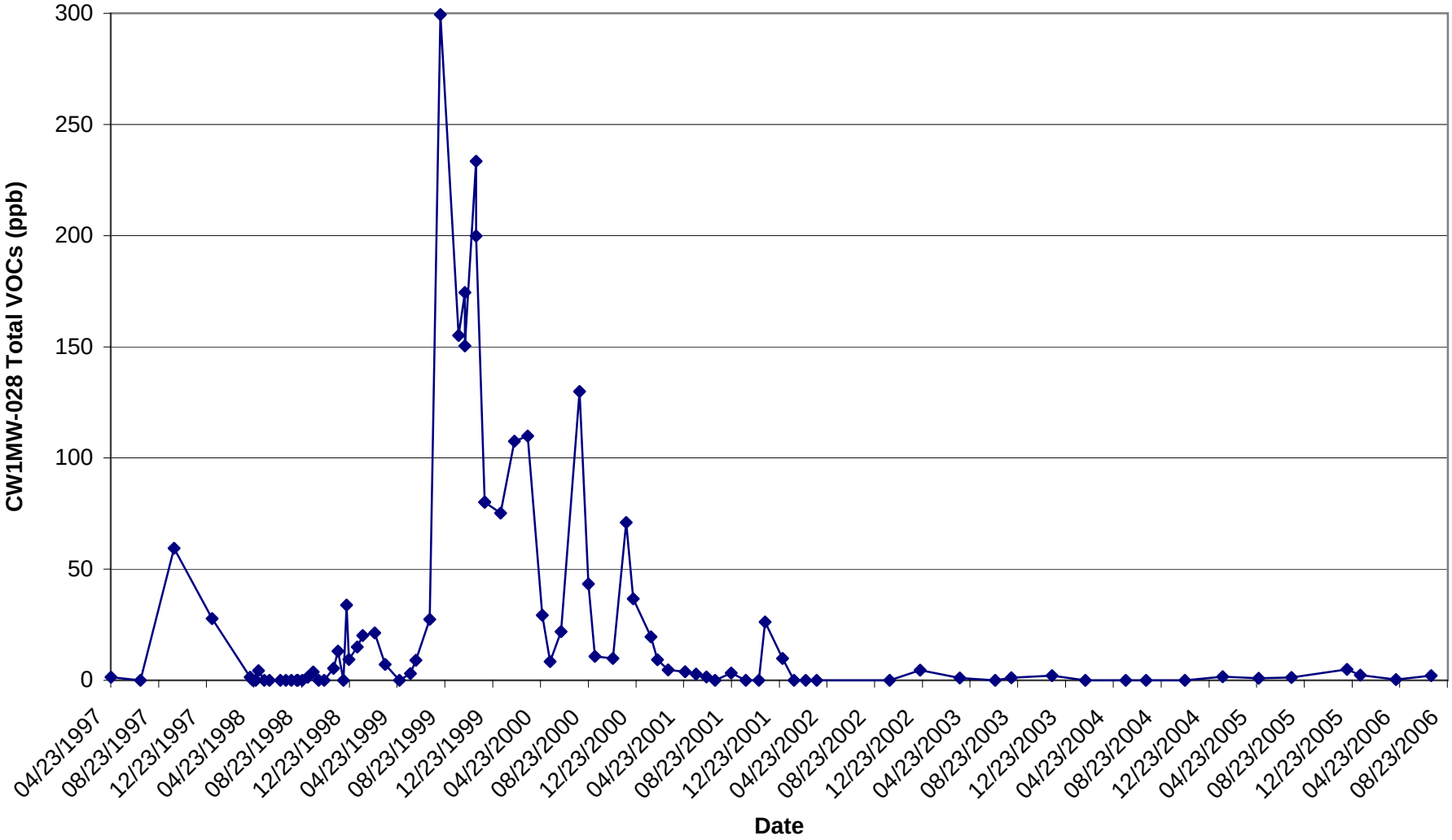


Figure 17
TOTAL VOC CONCENTRATION IN GROUNDWATER VS. TIME
SHALLOW SOURCE AREA WELL - CW1MW-029
Building 2700-Charles Wood Area Building (Site CW-1)
Fort Monmouth, Monmouth County, NJ

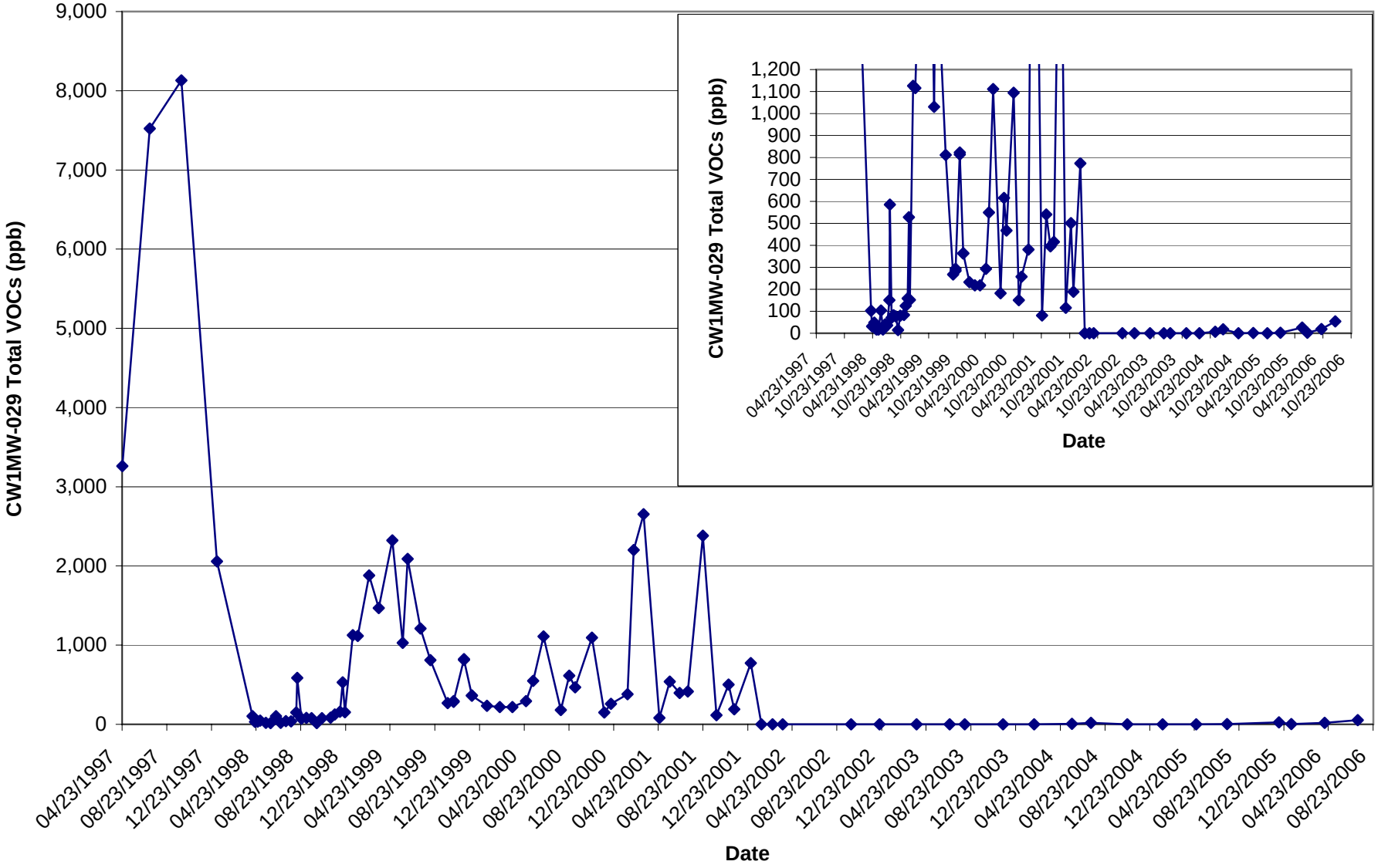


Figure 18
TOTAL VOC CONCENTRATION IN GROUNDWATER VS. TIME
DEEP SOURCE AREA WELL - CW1MW-281
Building 2700-Charles Wood Area Building (Site CW-1)
Fort Monmouth, Monmouth County, NJ

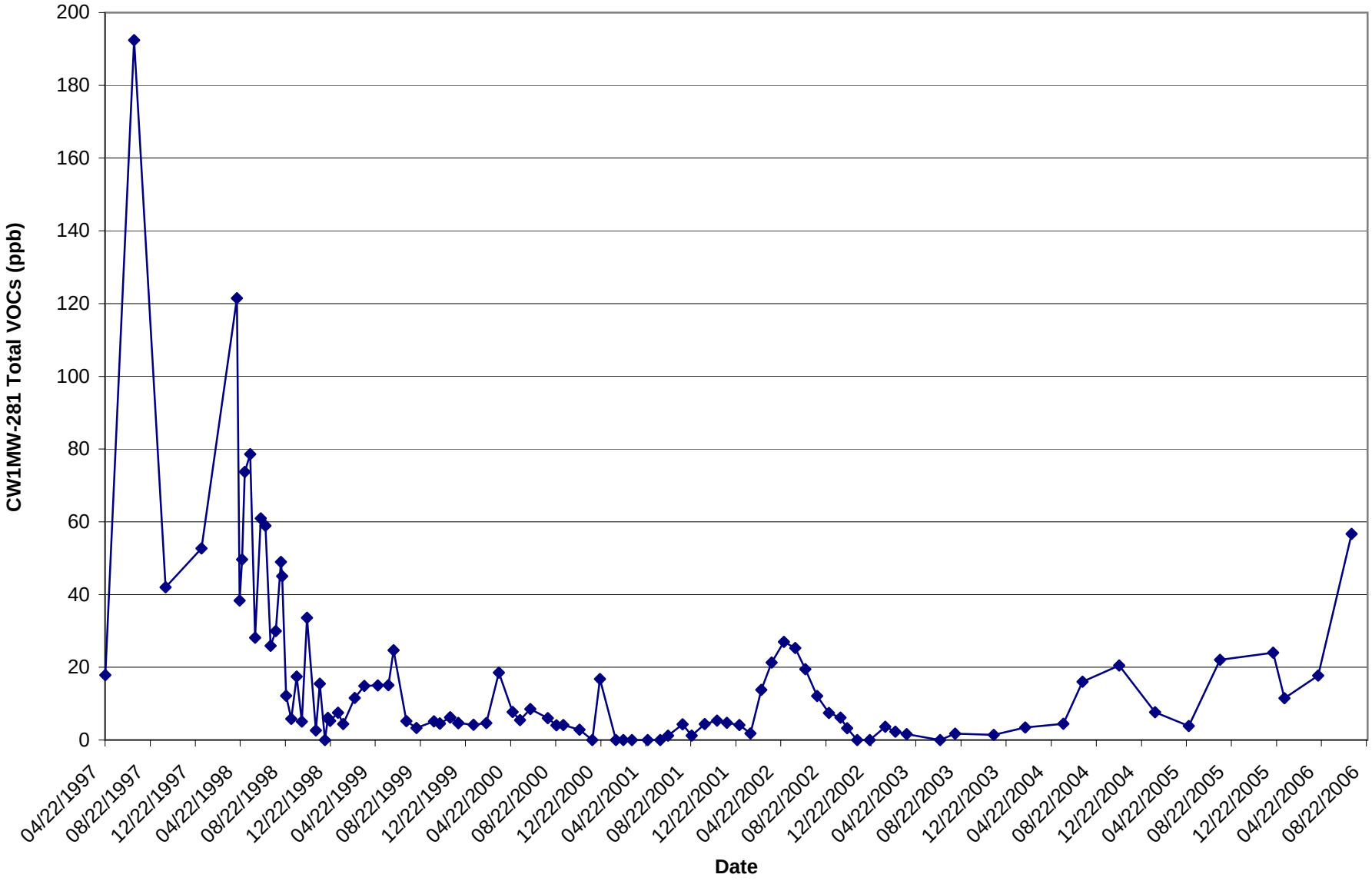


TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
Well ID:		**CW1MW-026**		**Casing Elevation:**		**62.46**														
04/23/97	8.60	53.86	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/07/97	8.98	53.48	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/01/97	9.45	53.01	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/06/98	9.05	53.41	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/13/98	8.30	54.16	1.04	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.04
04/20/98	8.29	54.17	1.09	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.09
04/27/98	8.45	54.01	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/04/98	8.24	54.22	1.12	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.12
05/19/98	8.18	54.28	3.04	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	3.04
06/01/98	8.49	53.97	1.56	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.56
06/16/98	NA	NA	1.08	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.08
06/29/98	8.73	53.73	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/13/98	8.86	53.60	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/27/98	9.11	53.35	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/10/98	9.08	53.38	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/13/98	9.16	53.30	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/24/98	9.50	52.96	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/07/98	9.60	52.86	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	29 (1)	29
09/21/98	9.99	52.47	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/05/98	10.01	52.45	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/19/98	10.11	52.35	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/12/98	9.73	52.73	27.66	ND	31.73	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	59.39
11/23/98	9.75	52.71	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/07/98	10.07	52.39	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/15/98	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/21/98	10.25	52.21	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/11/99	9.70	52.76	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/25/99	9.25	53.21	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/25/99	9.25	53.21	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/23/99	9.07	53.39	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/29/99	9.31	53.15	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/27/99	9.42	53.04	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/10/99	9.54	52.92	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/15/99	9.67	52.79	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/11/99	9.89	52.57	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/27/99	9.49	52.97	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/13/99	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/10/99	9.70	52.76	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.96	52.50	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/13/99	9.76	52.70	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/10/99	9.70	52.76	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.96	52.50	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/12/00	9.67	52.79	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/16/00	9.44	53.02	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/21/00	9.25	53.21	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/27/00	9.08	53.38	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/17/00	9.35	53.11	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/14/00	9.39	53.07	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
07/31/00	9.18	53.28	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/23/00	9.16	53.30	ND	ND	ND	ND	NA	ND	ND	ND	ND	4.61	NA	ND	ND	ND	ND	ND	ND	4.61
09/08/00	9.42	53.04	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/24/00	9.49	52.97	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/27/00	9.64	52.82	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/15/00	9.63	52.83	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/29/01	9.08	53.38	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/15/01	8.98	53.48	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/14/01	8.99	53.47	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/26/01	8.76	53.70	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/01	9.06	53.40	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.89	53.57	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/12/01	9.15	53.31	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/22/01	9.38	53.08	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/28/01	9.64	52.82	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/31/01	9.89	52.57	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/16/01	10.05	52.41	ND	ND	ND	ND	NA	ND	1.71	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.71
12/31/01	10.45	52.01	ND	ND	ND	ND	NA	ND	3.05	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	3.05
01/29/02	10.25	52.21	ND	ND	ND	ND	NA	ND	1.31	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.31
02/28/02	10.33	52.13	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/02	9.78	52.68	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/30/02	9.75	52.71	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.81	52.65	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/27/02	9.56	52.90	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/29/02	13.07	49.39	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.99	48.47	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.90	48.56	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/17/02	12.27	50.19	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.58	49.88	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/17/02	9.25	53.21	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/27/03	11.56	50.90	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/25/03	10.85	51.61	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.13	51.33	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/26/03	10.38	52.08	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/06/03	9.88	52.58	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/18/03	9.10	53.36	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/11/04	10.74	51.72	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/04	11.15	51.31	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/15/04	11.15	51.31	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/22/04	11.15	51.31	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/26/05	10.88	51.58	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/28/05	10.89	51.57	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/21/05	9.02	53.44	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/09/05	8.58	53.88	2.69	ND	ND	ND	ND	ND	0.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.13
01/12/06	8.37	54.09	1.68	ND	ND	ND	ND	ND	0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.10
04/13/06	8.98	53.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/06	9.06	53.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Well ID: **CW1MW-027** **Casing Elevation:** **62.56**

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
04/23/97	8.60	53.96	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/01/97	9.50	53.06	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/06/98	8.95	53.61	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/13/98	8.10	54.46	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/20/98	8.11	54.45	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/27/98	8.17	54.39	1.5	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.5
05/04/98	8.01	54.55	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/19/98	7.76	54.80	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/01/98	9.20	53.36	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/16/98	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/29/98	8.48	54.08	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/13/98	8.67	53.89	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/27/98	8.51	54.05	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/10/98	8.92	53.64	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/13/98	8.98	53.58	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/24/98	10.21	52.35	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/07/98	10.30	52.26	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/21/98	10.67	51.89	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/05/98	10.73	51.83	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/19/98	10.70	51.86	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/12/98	9.80	52.76	21.44	ND	29.18	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	50.62
11/23/98	9.90	52.66	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/07/98	10.17	52.39	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/15/98	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/21/98	10.18	52.38	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/11/99	9.68	52.88	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/25/99	9.15	53.41	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/25/99	9.14	53.42	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/23/99	8.93	53.63	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/29/99	9.17	53.39	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/27/99	9.30	53.26	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/10/99	9.44	53.12	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	9 (1)	9.0
07/15/99	9.61	52.95	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/11/99	9.84	52.72	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/27/99	9.45	53.11	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/13/99	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ANR	ND	ND	ND
11/10/99	9.66	52.90	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.91	52.65	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ANR	ND	ND	ND
10/13/99	9.72	52.84	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/10/99	9.66	52.90	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.91	52.65	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/12/00	9.63	52.93	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/16/00	9.37	53.19	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/21/00	9.19	53.37	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/27/00	8.95	53.61	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/17/00	9.24	53.32	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/14/00	9.31	53.25	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/31/00	9.08	53.48	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/23/00	9.52	53.04	1.46	ND	ND	ND	NA	ND	ND	ND	ND	5.78	NA	ND	ND	ND	ND	ND	ND	7.24

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
09/08/00	9.32	53.24	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NR	ND	ND	ND	ND	ND	ND
10/24/00	9.34	53.22	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/27/00	9.58	52.98	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
15/15/00	9.57	52.99	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/29/01	8.95	53.61	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/15/01	8.84	53.72	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/14/01	8.85	53.71	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/26/01	8.54	54.02	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/01	8.89	53.67	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.71	53.85	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/12/01	9.00	53.56	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/22/01	9.20	53.36	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	2.89	ND	ND	ND	ND	ND	2.89
09/28/01	9.57	52.99	ND	ND	ND	ND	NA	ND	1.28	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.28
10/31/01	9.83	52.73	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/16/01	10.00	52.56	ND	ND	ND	ND	NA	ND	3.06	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	3.06
12/31/01	10.30	52.26	19.07	ND	ND	ND	NA	ND	4.9	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	23.97
01/29/02	10.17	52.39	1.8	ND	ND	ND	NA	ND	3.94	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	5.74
02/28/02	10.25	52.31	7.14	ND	ND	ND	NA	ND	4.48	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	11.62
03/28/02	9.20	53.36	2.84	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	2.84
04/30/02	9.64	52.92	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.70	52.86	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/27/02	9.57	52.99	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/29/02	12.99	49.57	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.91	48.65	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.77	48.79	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/27/02	12.22	50.34	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.48	50.08	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/17/02	9.11	53.45	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/27/03	11.38	51.18	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/25/03	10.52	52.04	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.03	51.53	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/26/03	10.25	52.31	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/06/03	9.62	52.94	ND	ND	ND	ND	NA	ND	1.11	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.11
11/18/03	8.91	53.65	ND	ND	ND	ND	NA	ND	4.21	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	4.21
02/11/04	10.54	52.02	ND	ND	ND	ND	NA	ND	0.48	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	0.48
05/24/04	11.04	51.52	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/15/04	11.05	51.51	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/22/04	11.05	51.51	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/26/05	10.76	51.80	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/28/05	10.83	51.73	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/21/05	8.84	53.72	2.26	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	2.26
12/09/05	8.31	54.25	2.03	ND	ND	ND	ND	ND	0.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.92
01/12/06	8.07	54.49	1.74	ND	ND	ND	ND	ND	0.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.45
04/13/06	8.74	53.82	0.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.72
07/12/06	8.88	53.68	4.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.77
Well ID:		**CW1MW-028**		**Casing Elevation:**		**62.89**														
04/23/97	9.05	53.84	1.42	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.42
07/07/97	9.20	53.69	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
10/01/97	9.70	53.19	59.37	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	59.37
01/06/98	9.40	53.49	27.73	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	27.73
04/13/98	8.40	54.49	1.42	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.42
04/20/98	8.43	54.46	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/27/98	8.52	54.37	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/04/98	8.33	54.56	2.57	ND	1.75	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	4.32
05/19/98	8.09	54.80	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/01/98	9.68	53.21	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/29/98	8.92	53.97	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/13/98	9.13	53.76	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/27/98	9.15	53.74	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/10/98	9.44	53.45	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/13/98	9.51	53.38	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/24/98	10.70	52.19	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/07/98	10.81	52.08	1.44	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.44
09/21/98	10.93	51.96	3.75	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	3.75
10/05/98	11.00	51.89	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/19/98	11.15	51.74	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/12/98	10.28	52.61	5.44	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	5.44
11/23/98	10.40	52.49	13.10	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	13.1
12/07/98	10.57	52.32	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/15/98	NA	NA	33.9	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	33.9
12/21/98	10.66	52.23	9.41	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	9.41
01/11/99	10.16	52.73	14.96	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	14.96
01/25/99	9.63	53.26	20.18	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	20.18
02/25/99	9.61	53.28	21.28	ND	1.78	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	21.28
03/23/99	9.38	53.51	7.15	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	7.15
04/29/99	9.65	53.24	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/27/99	9.79	53.10	3.1	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	3.1
06/10/99	9.91	52.98	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	9 (1)	9.0
07/15/99	10.10	52.79	27.44	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA	ND	ND	27.44
08/11/99	10.32	52.57	297.82	ND	1.59	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	299.41
09/27/99	9.94	52.95	130.94	ND	24.13	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	155.07
10/13/99	NA	NA	165.5 E	ND	8.96	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ANR	ND	ND	174.46
11/10/99	10.13	52.76	208.05 E	ND	25.4	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	233.45
12/02/99	10.41	52.48	66.59	ND	13.57	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ANR	ND	ND	80.16
10/13/99	10.21	52.68	141.46	ND	8.96	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	150.42
11/10/99	10.13	52.76	174.48	ND	25.4	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	199.88
12/02/99	10.41	52.48	66.59	ND	13.57	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	80.16
01/12/00	10.10	52.79	67.35	ND	7.86	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	75.21
02/16/00	9.84	53.05	103.32	ND	4.24	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	107.56
03/21/00	9.67	53.22	106.66	ND	3.20	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	109.86
04/27/00	9.40	53.49	29.30	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	29.30
05/17/00	9.75	53.14	8.48	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	8.48
06/14/00	9.79	53.10	21.88	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	21.88
07/31/00	9.55	53.34	129.89	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	129.89
08/23/00	9.06	53.83	43.36	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	43.36
09/08/00	9.82	53.07	10.80	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	10.80
10/24/00	9.84	53.05	9.79	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	9.79

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
11/27/00	10.02	52.87	70.95	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	70.95
12/15/00	10.05	52.84	36.63	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	36.63
01/29/01	9.44	53.45	19.57	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	19.57
02/15/01	9.31	53.58	9.23	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	9.23
03/14/01	9.31	53.58	4.64	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	4.64
04/26/01	9.02	53.87	ND	ND	ND	ND	NA	ND	3.91	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	3.91
05/24/01	9.36	53.53	ND	ND	ND	ND	NA	ND	2.83	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	2.83
06/20/01	9.15	53.74	1.57	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.57
07/12/01	9.45	53.44	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/22/01	9.77	53.12	3.32	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	3.32
09/28/01	10.07	52.82	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/31/01	10.35	52.54	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/16/01	10.49	52.40	26.2	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	26.2
12/31/01	10.84	52.05	8.25	ND	ND	ND	NA	ND	1.6	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	9.85
01/29/02	NA	NA	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
02/28/02	NA	NA	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
03/28/02	NA	NA	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
09/30/02	13.62	49.27	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/17/02	7.35	55.54	4.55	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	4.55
03/28/03	11.02	51.87	1	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1
06/26/03	10.11	52.78	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/06/03	7.95	54.94	1.18	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.18
11/18/03	7.98	54.91	2.08	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	2.08
02/11/04	9.88	53.01	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/04	10.65	52.24	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/15/04	10.58	52.31	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/22/04	10.71	52.18	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/26/05	10.12	52.77	1.61	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.61
04/28/05	9.63	53.26	0.88	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	0.88
07/21/05	7.14	55.75	1.31	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.31
12/09/05	6.62	56.27	4.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.88
01/12/06	6.35	56.54	2.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.30
04/13/06	7.04	55.85	0.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30
07/12/06	7.19	55.70	2.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.13
Well ID:		**CW1MW-029**		**Casing Elevation:**		**60.41**														
04/23/97	8.90	51.51	3,212	1.74	47.24	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	6(1)	######
07/07/97	9.30	51.11	7,423	7.75	92.47	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	######
10/01/97	9.98	50.43	7,836	5.75	290.02	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	######
01/06/98	9.10	51.31	1,987	ND	69.81	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	######
04/13/98	8.40	52.01	96.25	ND	6.27	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	102.52
04/20/98	8.43	51.98	28.19	ND	3.49	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	31.68
04/27/98	8.50	51.91	30.71	ND	2.43	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	33.14
05/04/98	8.09	52.32	41.49	ND	6.40	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	47.89
05/19/98	8.08	52.33	14.80	ND	2.54	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	17.34
06/01/98	9.58	50.83	13.49	ND	3.24	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	16.73
06/16/98	NA	51.21	90.34	ND	12.88	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	103.22
06/29/98	8.82	51.59	14.95	ND	2.38	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	17.33
07/13/98	8.25	52.16	35.68	ND	4.54	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	40.22

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
07/27/98	8.29	52.12	29.71	ND	6.64	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	36.35
08/10/98	9.18	51.23	100.44	ND	50.05	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	150.49
08/13/98	9.26	51.15	496.93	ND	88.37	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	585.30
08/24/98	10.59	49.82	42.97	ND	27.38	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	70.35
09/07/98	10.60	49.81	56.45	ND	25.33	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	81.78
09/21/98	10.94	49.47	50.97	ND	25.54	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	76.51
10/05/98	10.99	49.42	10.11	ND	4.50	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	14.61
10/19/98	11.04	49.37	47.69	ND	31.78	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	79.47
11/12/98	9.50	50.91	36.48	ND	46.28	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	82.76
11/23/98	10.83	49.58	73.42	ND	51.16	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	124.58
12/07/98	10.17	50.24	69.81	ND	89.11	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	158.92
12/15/98	NA	NA	374.58	ND	153.85	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	528.43
12/21/98	10.32	50.09	96.48	ND	54.72	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	151.20
01/11/99	9.79	50.62	960.40	ND	164.96	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	######
01/25/99	9.30	51.11	987.23	ND	128.14	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	######
02/25/99	9.34	51.07	1,789.94	ND	88.94	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	######
03/23/99	9.09	51.32	1,342	ND	126.68	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	######
04/29/99	9.40	51.01	2,167	ND	156.26	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	######
05/27/99	9.59	50.82	950	ND	80.23	ND	NA	ND	ND	ND	ND	ND	NA	ND	1.03	ND	5.08	ND	ND	######
06/10/99	9.63	50.78	1,843	ND	245.13	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	######
07/15/99	9.76	50.65	752	ND	457.94	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	######
08/11/99	10.00	50.41	288	ND	523.43	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	2.37	3.78	ND	ND	811.54
09/27/99	9.61	50.80	119	ND	149.07	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	267.73
10/13/99	NA	50.70	99.62	ND	183.14	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	2.07	ANR	ND	ND	284.83
11/10/99	9.81	50.60	62.96	ND	746.3	ND	NA	ND	ND	ND	ND	ND	NA	ND	4.05	3.9	5.44	ND	ND	822.65
12/02/99	10.07	50.34	70.63	ND	286.62	ND	NA	ND	ND	ND	ND	ND	NA	ND	3.84	2.71	ANR	ND	ND	363.80
10/13/99	9.86	50.55	99.62	ND	183.14	5.87	NA	2.07	ND	ND	ND	ND	NA	ND	ND	2.07	ND	ND	ND	292.77
11/10/99	9.81	50.60	62.96	ND	746.3	3.06	NA	1.67	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	813.99
12/02/99	10.07	50.34	70.63	ND	282.62	1.75	NA	1.05	ND	ND	ND	ND	NA	ND	3.84	2.71	ND	ND	ND	362.60
01/12/00	9.77	50.64	42.74	ND	186.58	1.95	NA	ND	ND	ND	ND	ND	NA	ND	ND	1.09	ND	ND	ND	232.36
02/16/00	9.54	50.87	41.51	ND	175.38	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	1.47	ND	ND	ND	218.36
03/21/00	9.35	51.06	97.50	ND	120.66	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	218.16
04/27/00	9.12	51.29	174.54	ND	118.47	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	293.01
05/17/00	9.47	50.94	357.72	ND	186.08	5.20	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	549.00
06/14/00	9.52	50.89	775.38	ND	335.83	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	######
07/31/00	9.25	51.16	78.43	ND	103.57	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	182.00
08/23/00	9.24	51.17	263.49	ND	352.10	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	615.59
09/08/00	9.53	50.88	225.03	ND	242.72	ND	NA	ND	ND	ND	ND	ND	NA	NR	ND	ND	ND	ND	ND	467.75
10/24/00	9.56	50.85	843.88	ND	250.33	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	######
11/27/00	9.71	50.70	54.06	ND	96.55	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	150.61
12/15/00	9.73	50.68	119.41	ND	138.16	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	257.57
01/29/01	9.19	51.22	289.79	ND	91.30	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	381.09
02/15/01	9.09	51.32	1951.41	ND	250.62	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	######
03/14/01	9.09	51.32	2538.62	ND	113.53	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	######
04/26/01	8.83	51.58	75.98	ND	4.45	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	80.43
05/24/01	9.14	51.27	470.48D	ND	66.54	3.72	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	540.74
06/20/01	8.90	51.51	344.05D	ND	51.55	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	395.60
07/12/01	9.20	51.21	360.20D	ND	55.00	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	415.20
08/22/01	9.44	50.97	2040.65DD	ND	340.29D	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	######

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
09/28/01	9.70	50.71	67.01	ND	44.23	ND	NA	ND	4.64	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	115.88
10/31/01	9.92	50.49	211.46D*	ND	287.29D*	ND	NA	ND	2.44	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	501.19
11/16/01	10.08	50.33	67.36	ND	118.26D*	ND	NA	ND	3.02	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	188.64
12/31/01	10.45	49.96	91.36	ND	677.24D*	1.59	NA	ND	2.98	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	773.17
01/29/02	NA	NA	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
02/28/02	NA	NA	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
03/28/02	NA	NA	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
09/30/02	12.91	47.50	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/17/02	6.88	53.53	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/03	10.25	50.16	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/26/03	9.63	50.78	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/06/03	7.55	52.86	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/18/03	7.85	52.56	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/11/04	9.45	50.96	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/04	10.45	49.96	7.17	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	7.17
07/15/04	9.82	50.59	17.49	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	17.49
10/22/04	10.20	50.21	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/26/05	9.50	50.91	0.62	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	0.62
04/28/05	10.78	49.63	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/21/05	6.70	53.71	1.74	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.74
12/09/05	6.26	54.15	20.16	ND	0.99	ND	0.42	ND	3.42	ND	ND	ND	0.57	ND	ND	ND	ND	ND	ND	25.56
01/12/06	6.06	54.35	2.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.57
04/13/06	6.67	53.74	18.48	ND	0.29	ND	ND	ND	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.99
07/12/06	6.74	53.67	52.97	ND	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	54.02
Well ID:		**CW1MW-282**		**Casing Elevation:**		**61.47**														
04/22/97	8.30	53.17	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
07/09/97	8.85	52.62	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
10/02/97	9.40	52.07	ND	ND	ND	ND	NA	ND	ND	ND	3.21	ND	NA	ND	ANR	ANR	ANR	ND	ND	3.21
01/07/98	8.85	52.62	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
04/13/98	7.60	53.87	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
04/20/98	7.59	53.88	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
04/27/98	7.64	53.83	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
05/04/98	7.44	54.03	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
05/19/98	6.39	55.08	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
06/01/98	8.62	52.85	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
06/16/98	7.84	53.63	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
06/29/98	8.10	53.37	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
07/13/98	8.31	53.16	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
07/27/98	8.34	53.13	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
08/10/98	8.70	52.77	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
08/13/98	8.79	52.68	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
08/24/98	9.70	51.77	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
09/07/97	9.93	51.54	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	31 (1)	31
09/21/98	10.00	51.47	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
10/05/98	10.04	51.43	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
10/19/98	10.19	51.28	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
11/12/98	9.58	51.89	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
11/23/98	9.65	51.82	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
12/07/98	9.98	51.49	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
12/15/98	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ANR	ANR	ANR	ND	ND	ND
12/21/98	10.10	51.37	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/11/99	9.56	51.91	3.42	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	3.42
01/25/99	8.88	52.59	15.70	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	15.70
03/23/99	8.95	52.52	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/29/99	9.00	52.47	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/27/99	9.10	52.37	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	13 (1)	13
06/10/99	9.29	52.18	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	8 (1)	8
07/15/99	9.53	51.94	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/11/99	9.79	51.68	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/27/99	9.37	52.10	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/13/99	NA	52.00	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ANR	ND	ND	ND
11/10/99	9.58	51.89	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.84	51.63	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ANR	ND	ND	ND
10/13/99	9.64	51.83	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/10/99	9.58	51.89	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.84	51.63	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/12/00	9.51	51.96	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/16/00	9.19	52.28	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/21/00	9.05	52.42	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/27/00	8.80	52.67	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/17/00	5.51	55.96	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/14/00	9.18	52.29	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/31/00	8.87	52.60	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/23/00	8.89	52.58	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/08/00	9.20	52.27	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/24/00	9.23	52.24	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/27/00	9.34	52.13	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/15/00	9.49	51.98	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/29/01	8.83	52.64	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/20/01	8.79	52.68	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/14/01	8.62	52.85	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/26/01	8.25	53.22	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/01	8.66	52.81	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.37	53.10	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/12/01	9.80	51.67	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/22/01	9.15	52.32	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/28/01	9.70	51.77	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/31/01	9.80	51.67	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/16/01	9.94	51.53	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/31/01	10.28	51.19	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/29/02	10.12	51.35	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/28/02	10.17	51.30	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/02	9.58	51.89	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/30/02	4.53	56.94	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.65	51.82	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/27/02	9.50	51.97	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/29/02	10.93	50.54	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
08/30/02	11.05	50.42	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/30/02	11.50	49.97	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/17/02	10.28	51.19	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/12/02	10.58	50.89	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/17/02	8.85	52.62	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/27/03	9.55	51.92	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/25/03	9.18	52.29	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/03	9.29	52.18	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/26/03	8.58	52.89	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/06/03	9.11	52.36	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/18/03	7.86	53.61	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	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	NS	NS
10/22/04	9.72	51.75																		
Well ID		**CW1MW-291**		**Casing Elevation:**		**63.38**														
04/22/97	11.15	52.23	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/09/97	11.40	51.98	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/02/97	11.70	51.68	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/07/98	11.40	51.98	ND	ND	ND	ND	NA	ND	ND	ND	1.75	ND	NA	ND	ND	ND	ND	ND	ND	1.75
04/13/98	8.70	54.68	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/20/98	8.69	54.69	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/27/98	10.75	52.63	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/04/98	8.47	54.91	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/19/98	10.27	53.11	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/01/98	11.83	51.55	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/16/98	10.48	52.90	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/29/98	10.98	52.40	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/13/98	11.09	52.29	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/27/98	11.11	52.27	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/10/98	11.31	52.07	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/13/98	11.39	51.99	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/24/98	12.92	50.46	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/07/98	13.00	50.38	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/21/98	13.09	50.29	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/05/98	13.15	50.23	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/19/98	13.19	50.19	ND	ND	ND	ND	NA	ND	ND	1.36	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.36
11/12/98	11.89	51.49	ND	ND	ND	ND	NA	ND	ND	7.37	1.37	ND	NA	ND	ND	ND	ND	ND	ND	8.74
11/23/98	11.98	51.40	ND	ND	ND	ND	NA	ND	ND	5.81	1.31	ND	NA	ND	ND	ND	ND	ND	ND	7.12
12/07/98	12.04	51.34	ND	ND	ND	ND	NA	ND	ND	10.13	2.25	ND	NA	ND	ND	ND	ND	ND	ND	12.38
12/15/98	NA	51.24	ND	ND	ND	ND	NA	ND	ND	7.41	1.79	ND	NA	ND	ND	ND	ND	ND	ND	9.20
12/21/98	12.24	51.14	ND	ND	ND	ND	NA	ND	ND	1.58	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.58
01/11/99	11.81	51.57	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/25/99	9.40	53.98	ND	ND	ND	ND	NA	ND	ND	2.02	ND	ND	NA	ND	ND	ND	ND	ND	ND	2.02
02/25/99	11.64	51.74	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/23/99	11.28	52.10	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/29/99	11.52	51.86	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/27/99	11.54	51.84	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/10/99	11.68	51.70	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	8 (1)	8.0
07/12/99	11.81	51.57	ND	ND	ND	ND	NA	ND	ND	6.88	ND	ND	NA	ND	ND	ND	ND	ND	ND	6.88

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
08/11/99	11.97	51.41	ND	ND	ND	ND	NA	ND	ND	16.13	4.37	ND	NA	ND	ND	ND	ND	ND	ND	20.5
09/27/99	11.62	51.76	ND	ND	ND	ND	NA	ND	ND	3.39	ND	ND	NA	ND	ND	ND	ND	ND	ND	3.39
10/13/99	NA	51.68	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ANR	ND	ND	ND
11/10/99	11.79	51.59	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/02/99	12.01	51.37	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ANR	ND	ND	ND
10/13/99	11.82	51.56	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/10/99	11.79	51.59	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/02/99	12.01	51.37	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/12/00	11.79	51.59	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/16/00	11.61	51.77	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/21/00	11.48	51.90	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/27/00	11.54	51.85	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/17/00	11.59	51.79	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/14/00	11.61	51.77	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/31/00	11.31	52.07	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/23/00	11.33	52.05	1.96	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.96
09/08/00	11.57	51.81	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	NR	ND	ND	ND	ND	ND	ND
10/24/00	11.60	51.78	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/27/00	11.69	51.69	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/15/00	11.80	51.58	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/29/01	11.37	52.01	2.52	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	2.52
02/20/01	11.40	51.98	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/14/01	11.28	52.10	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/26/01	11.16	52.22	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/01	11.38	52.00	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/20/01	11.21	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/12/01	11.35	52.03	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/22/01	11.59	51.79	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/28/01	11.78	51.60	1.60	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.6
10/31/01	11.97	51.41	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/16/01	12.11	51.27	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/31/01	12.36	51.02	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/29/02	12.16	51.22	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/28/02	12.32	51.06	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/02	11.81	51.57	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/30/02	11.83	51.55	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/31/02	11.87	51.51	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	62.02	ND	ND
06/27/02	11.74	51.64	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	9.70	ND	ND
07/29/02	13.21	50.17	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	1.39	ND	ND
08/30/02	13.68	49.70	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	2.78	ND	ND
09/30/02	13.78	49.60	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	17.55	ND	ND
10/17/02	12.92	50.46	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	87.84	ND	ND
11/12/02	12.90	50.48	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	2.14	ND	ND
12/17/02	11.40	51.98	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/27/03	12.18	51.20	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/25/03	12.04	51.34	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.94	51.44	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/26/03	11.35	52.03	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/06/03	11.77	51.61	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	6	6

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
11/18/03	11.28	52.10	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/11/04	11.79	51.59	0.66	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	0.66
05/24/04	12.05	51.33	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/15/04	12.15	51.23	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/22/04	12.06	51.32	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/26/05	11.96	51.42	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/29/05	11.94	51.44	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/22/05	11.25	52.13	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/12/05	10.81	52.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/12/06	10.75	52.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/06	11.27	52.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/06	11.26	52.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**CW1MW-030**		**Casing Elevation:**		**63.34**														
08/14/00	10.12	53.22	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/29/00	10.28	53.06	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	3.48	ND	ND	ND	ND	ND	3.48*
09/08/00	10.54	52.80	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/24/00	10.49	52.85	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/27/00	10.73	52.61	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/15/00	10.76	52.58	389.38	ND	3.27	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	392.65
01/29/01	10.98	52.36	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/15/01	9.91	53.43	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/14/01	9.94	53.40	2.59	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	2.59
04/26/01	9.53	53.81	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/01	9.89	53.45	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/20/01	9.67	53.67	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/12/01	10.05	53.29	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/22/01	10.41	52.93	1.36	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.36
09/28/01	10.78	52.56	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/31/01	11.08	52.26	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/16/01	11.26	52.08	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/31/01	11.64	51.70	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/29/02	11.48	51.86	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/28/02	11.59	51.75	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/02	10.95	52.39	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/30/02	10.93	52.41	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/31/02	10.96	52.38	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/27/02	10.79	52.55	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/29/02	12.64	50.70	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.07	50.27	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.25	50.09	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/17/02	12.16	51.18	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.27	51.07	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/17/02	10.21	53.13	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/27/03	11.16	52.18	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/25/03	10.81	52.53	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/03	10.87	52.47	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/26/03	10.11	53.23	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/06/03	9.52	53.82	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
11/18/03	10.10	53.24	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/11/04	10.54	52.80	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/04	10.97	52.37	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/15/04	11.18	52.16	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/22/04	11.29	52.05	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	1.31	ND	1.3
01/26/05	10.94	52.40	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/28/05	NG	NG	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/21/05	10.04	53.30	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/12/05	9.32	54.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/12/06	9.03	54.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/06	9.85	53.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/06	10.05	53.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**CW1MW-031**		**Casing Elevation:**		**62.72**														
08/14/00	10.06	52.66	67.66	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	67.66
08/29/00	10.19	52.53	13.98	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	13.98
09/08/00	10.34	52.38	22.54	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	22.54
10/24/00	10.35	52.37	10.34	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	10.34
11/27/00	10.46	52.26	139.49	ND	1.2	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	140.69
12/15/00	10.52	52.20	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/29/01	10.05	52.67	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/15/01	9.96	52.76	29.68	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	29.68
03/14/01	9.91	52.81	7.28	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	7.28
04/26/01	9.82	52.90	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/01	10.10	52.62	ND	ND	ND	ND	NA	ND	ND	ND	ND	13.27	NA	ND	ND	ND	ND	ND	ND	13.27
06/20/01	9.81	52.91	ND	ND	ND	ND	NA	ND	2.22	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	2.22
07/12/01	10.10	52.62	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/22/01	10.31	52.41	ND	ND	ND	ND	NA	ND	1.86	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.86
09/28/01	10.54	52.18	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/31/01	10.74	51.98	243.7D*	ND	40.64	ND	NA	ND	3.08	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	288.58**
11/16/01	10.90	51.82	358.39D*	ND	128.72D*	ND	NA	ND	2.81	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	489.92
12/31/01	11.20	51.52	34.9	ND	24.76	ND	NA	ND	4.54	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	64.2
01/29/02	10.99	51.73	2.12	ND	1.82	ND	NA	ND	3.49	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	7.43
02/28/02	11.09	51.63	ND	ND	ND	ND	NA	ND	2.25	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	2.25
03/28/02	10.55	52.17	ND	ND	ND	ND	NA	ND	1.32	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.32
04/30/02	10.57	52.15	ND	ND	ND	ND	NA	ND	6.79	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/31/02	10.61	52.11	ND	ND	ND	ND	NA	ND	4.57	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	4.57
06/27/02	10.45	52.27	ND	ND	ND	ND	NA	ND	1.86	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/29/02	13.04	49.68	ND	ND	ND	ND	NA	ND	1.41	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.65	49.07	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.68	49.04	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/17/02	12.37	50.35	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.58	50.14	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/17/02	10.06	52.66	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/27/03	11.80	50.92	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/25/03	11.43	51.29	1.39	ND	ND	ND	NA	ND	0.69	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.42	51.30	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/26/03	10.78	51.94	5.07	ND	1.04	ND	NA	ND	1.34	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	7.45
08/06/03	10.75	51.97	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
11/18/03	10.00	52.72	0.81	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	0.81
02/11/04	11.16	51.56	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/04	11.51	51.21	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/15/04	11.55	51.17	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/22/04	11.45	51.27	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/26/05	11.31	51.41	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/28/05	11.32	51.40	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/22/05	9.93	52.79	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/12/05	9.44	53.28	0.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.78
01/12/06	9.38	53.34	0.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.36
04/13/06	9.94	52.78	0.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.61
07/12/06	9.97	52.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**CW1MW-032**		**Casing Elevation:**		**63.62**														
08/14/00	11.30	52.32	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/29/00	11.43	52.19	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/08/00	11.55	52.07	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/24/00	11.57	52.05	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/27/00	11.65	51.97	51.33	ND	1.67	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	53.00
12/15/00	11.75	51.87	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/29/01	11.35	52.27	ND	ND	ND	ND	NA	ND	ND	ND	ND	3.52	NA	ND	ND	ND	ND	ND	ND	ND
02/15/01	11.30	52.32	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/14/01	11.28	52.34	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/26/01	11.23	52.39	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/01	11.43	52.19	10.77	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	10.77
06/20/01	11.19	52.43	12.16	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	12.16
07/12/01	11.40	52.22	12.59	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	12.59
08/22/01	11.57	52.05	16.24	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	16.24
09/28/01	11.74	51.88	9.60	ND	ND	ND	NA	ND	1.05	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	10.65
10/31/01	11.92	51.70	6.11	ND	ND	ND	NA	ND	1.23	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	7.34
11/16/01	12.04	51.58	4.91	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	4.91
12/28/01	12.29	51.33	18.91	ND	ND	ND	NA	ND	1.12	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	20.03
01/29/02	12.07	51.55	10.48	ND	1.56	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	12.04
02/28/02	12.23	51.39	6.38	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	6.38
03/28/02	11.72	51.90	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/30/02	11.75	51.87	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/31/02	11.78	51.84	ND	ND	ND	ND	NA	ND	ND	1.38	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.38
06/27/02	11.65	51.97	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/29/02	13.14	50.48	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.85	49.77	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.74	49.88	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/17/02	12.84	50.78	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.81	50.81	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/17/02	11.35	52.27	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/27/03	12.01	51.61	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/25/03	12.12	51.50	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.85	51.77	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/26/03	11.28	52.34	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/06/03	11.75	51.87	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
11/18/03	11.23	52.39	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/11/04	11.77	51.85	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/04	12.03	51.59	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/15/04	12.10	51.52	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/22/04	12.03	51.59	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/26/05	11.89	51.73	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/28/05	11.86	51.76	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/22/05	11.21	52.41	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/12/05	10.82	52.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/12/06	10.82	52.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/06	11.28	52.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/06	11.24	52.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**CW1MW-033**		**Casing Elevation:**		**63.69**														
08/14/00	11.07	52.62	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/29/00	11.27	52.42	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/08/00	11.43	52.26	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/24/00	11.46	52.23	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/27/00	11.52	52.17	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/15/00	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/29/01	11.05	52.64	452.17	ND	7.5	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	459.67
02/15/01	10.97	52.72	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/14/01	10.92	52.77	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/26/01	10.93	52.76	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/01	11.26	52.43	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/20/01	10.99	52.70	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/12/01	11.25	52.44	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/22/01	11.46	52.23	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/28/01	11.67	52.02	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/31/01	11.86	51.83	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/16/01	12.00	51.69	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/28/01	12.30	51.39	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/29/02	11.97	51.72	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/28/02	12.13	51.56	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/02	11.57	52.12	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/30/02	11.68	52.01	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/31/02	11.66	52.03	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/27/02	11.53	52.16	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/29/02	13.02	50.67	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.58	50.11	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.61	50.08	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/17/02	12.56	51.13	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.66	51.03	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/17/02	11.13	52.56	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/27/03	11.85	51.84	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/25/03	12.11	51.58	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.54	52.15	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/26/03	10.91	52.78	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/06/03	11.69	52.00	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
11/18/03	11.05	52.64	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	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	NS	NS
10/22/04	11.81	51.88																		
Well ID		**CW1MW-034**		**Casing Elevation:**		**60.07**														
08/14/00	8.64	51.43	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/29/00	8.69	51.38	ND	ND	ND	ND	NA	ND	ND	ND	ND	6.90	NA	ND	ND	ND	ND	ND	ND	6.90
09/08/00	8.78	51.29	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/24/00	7.89	52.18	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/27/00	8.91	51.16	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/19/00	8.90	51.17	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/31/01	8.40	51.67	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/15/01	8.55	51.52	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/14/01	8.61	51.46	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/27/01	8.55	51.52	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/31/01	8.72	51.35	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.54	51.53	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/30/01	8.70	51.37	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/24/01	8.83	51.24	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/28/01	8.97	51.10	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/31/01	9.14	50.93	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/16/01	9.20	50.87	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/28/01	9.35	50.72	1.14	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.14
01/29/02	9.20	50.87	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/28/02	9.34	50.73	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/02	8.98	51.09	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/30/02	8.99	51.08	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.03	51.04	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/27/02	8.95	51.12	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/29/02	9.59	50.48	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/30/02	9.95	50.12	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/30/02	10.50	49.57	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	2.70	ND	ND
10/17/02	9.33	50.74	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/12/02	9.34	50.73	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	2.14	ND	ND
12/17/02	8.67	51.40	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/27/03	8.38	51.69	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/25/03	8.71	51.36	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/03	8.75	51.32	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/26/03	8.32	51.75	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/06/03	8.74	51.33	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/18/03	8.56	51.51	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/11/04	8.70	51.37	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/04	8.82	51.25	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/15/04	8.90	51.17	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/22/04	8.93	51.14	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/27/05	8.86	51.21	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/29/05	8.74	51.33	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/22/05	8.55	51.52	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/12/05	8.25	51.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
01/12/06	8.21	51.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/06	8.81	51.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/06	8.58	51.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**CW1MW-035**		**Casing Elevation:**		**59.55**														
08/14/00	8.28	51.27	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/29/00	8.36	51.19	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/08/00	8.41	51.14	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/24/00	8.43	51.12	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/28/00	8.55	51.00	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/19/00	8.58	50.97	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/31/01	8.43	51.12	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/15/01	8.41	51.14	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/15/01	8.37	51.18	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/27/01	8.35	51.20	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/31/01	8.45	51.10	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.32	51.23	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/30/01	8.35	51.20	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/24/01	8.45	51.10	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/28/01	8.55	51.00	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/31/01	8.68	50.87	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/27/01	8.80	50.75	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/28/01	8.92	50.63	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/29/02	9.47	50.08	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/28/02	8.88	50.67	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/02	8.60	50.95	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/30/02	8.83	50.72	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/31/02	8.61	50.94	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/27/02	8.54	51.01	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/29/02	9.04	50.51	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/30/02	9.57	49.98	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/30/02	9.50	50.05	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/17/02	8.96	50.59	ND	ND	ND	ND	NA	ND	ND	ND	ND	1.4	NA	ND	ND	ND	ND	ND	ND	1.4
11/12/02	8.85	50.70	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/17/02	8.41	51.14	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/27/03	8.55	51.00	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/25/03	8.51	51.04	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/03	8.39	51.16	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/26/03	8.00	51.55	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/06/03	8.37	51.18	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/18/03	8.25	51.30	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/11/04	8.40	51.15	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/24/04	8.41	51.14	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/15/04	8.48	51.07	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/22/04	8.51	51.04	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/27/05	8.53	51.02	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/29/05	8.38	51.17	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/22/05	8.21	51.34	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/12/05	8.04	51.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
01/12/06	8.02	51.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/06	8.32	51.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/06	8.21	51.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**CW1MW-036**		**Casing Elevation:**		**60.15**														
08/14/00	9.06	51.09	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/29/00	8.17	51.98	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/08/00	9.24	50.91	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/24/00	9.26	50.89	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/28/00	9.42	50.73	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/19/00	9.37	50.78	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/31/01	9.16	50.99	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/15/01	9.08	51.07	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/14/01	9.05	51.10	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/27/01	8.98	51.17	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/31/01	9.20	50.95	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/20/01	9.05	51.10	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/30/01	9.15	51.00	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/24/01	9.29	50.86	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/28/01	9.43	50.72	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/31/01	6.71	53.44	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/16/01	9.66	50.49	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/28/01	9.85	50.30	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/29/02	9.70	50.45	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/28/02	9.80	50.35	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/02	9.45	50.70	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/30/02	9.47	50.68	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.49	50.66	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/27/02	9.41	50.74	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/29/02	9.92	50.23	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/30/02	10.23	49.92	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/30/02	10.25	49.90	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/17/02	9.61	50.54	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/12/02	9.62	50.53	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/17/02	8.10	52.05	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/27/03	9.38	50.77	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/25/03	4.03	56.12	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/03	9.11	51.04	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/26/03	8.70	51.45	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/06/03	9.15	51.00	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/18/03	9.10	51.05	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	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	NS	NS
10/22/04	8.77	51.38																		
Well ID		**CW1MW-037**		**Casing Elevation:**		**59.65**														
08/14/00	8.81	50.84	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/29/00	8.02	51.63	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/08/00	8.05	51.60	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/24/00	9.15	50.50	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
11/28/00	9.32	50.33	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/19/00	9.20	50.45	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/31/01	8.83	50.82	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/20/01	8.87	50.78	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/15/01	8.75	50.90	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/27/01	8.67	50.98	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
05/31/01	9.00	50.65	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.81	50.84	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/30/01	8.9	50.75	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/24/01	9.1	50.55	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/28/01	9.48	50.17	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/31/01	9.65	50	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/27/01	9.64	50.01	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/28/01	9.72	49.93	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/29/02	8.77	50.88	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/28/02	9.67	49.98	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
03/28/02	9.18	50.47	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
04/30/02	9.05	50.6	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

TABLE 1

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-athane	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	Carbon Tetra-chloride	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)**	**50 (1)**	**1 (1)**	**30 (1)**	**70(1)**	**1 (1)**	**6000(1)**	**1 (1)**	**300(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
05/31/02	9.05	50.6	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/27/02	9.00	50.65	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
07/29/02	9.61	50.04	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/30/02	10.05	49.6	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
09/30/02	9.97	49.68	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
10/17/02	6.4	53.25	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/12/02	9.91	49.74	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
12/17/02	8.91	50.74	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
01/27/03	9.50	50.15	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
02/26/03	9.05	50.6	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	1	1
03/28/03	8.80	50.85	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
06/26/03	8.27	51.38	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
08/06/03	8.75	50.9	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
11/18/03	8.80	50.85	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	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	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

WELL GAUGE REPORT
DECEMBER 2005 GROUNDWATER SAMPLING EVENT

FORT MONMOUTH - CHARLES WOOD AREA
EATONTOWN, NEW JERSEY

MONITORING DATE	WELL ID	DEPTH TO GROUNDWATER (feet)	GW ELEV. (feet)
12/09/2005	CW1MW-026	8.58	53.88
12/09/2005	CW1MW-027	8.07	54.25
12/09/2005	CW1MW-028	6.62	56.27
12/09/2005	CW1MW-029	6.26	54.15
12/12/2005	CW1MW-030	9.32	54.02
12/12/2005	CW1MW-031	9.44	53.28
12/12/2005	CW1MW-032	10.82	52.80
-	CW1MW-033	NG	NG
12/12/2005	CW1MW-034	8.25	51.82
12/12/2005	CW1MW-035	8.04	51.51
-	CW1MW-036	NG	NG
-	CW1MW-037	NG	NG
-	CW1MW-038	NG	NG
-	CW1MW-039	NG	NG
12/12/2005	CW1MW-040	12.71	51.06
12/12/2005	CW1MW-281	11.16	51.21
-	CW1MW-282	NG	NG
12/12/2005	CW1MW-291	10.81	52.57

NOTE:
NG - Not Gauged
GW - Groundwater

WELL GAUGE REPORT
JANUARY 2006 GROUNDWATER SAMPLING EVENT

FORT MONMOUTH - CHARLES WOOD AREA
EATONTOWN, NEW JERSEY

MONITORING DATE	WELL ID	DEPTH TO GROUNDWATER (feet)	GW ELEV. (feet)
01/12/2006	CW1MW-026	8.37	54.09
01/12/2006	CW1MW-027	8.07	54.49
01/12/2006	CW1MW-028	6.35	56.54
01/12/2006	CW1MW-029	6.06	54.35
01/12/2006	CW1MW-030	9.03	54.31
01/12/2006	CW1MW-031	9.38	53.34
01/12/2006	CW1MW-032	10.82	52.80
-	CW1MW-033	NG	NG
01/12/2006	CW1MW-034	8.21	51.86
01/12/2006	CW1MW-035	8.02	51.53
-	CW1MW-036	NG	NG
-	CW1MW-037	NG	NG
-	CW1MW-038	NG	NG
-	CW1MW-039	NG	NG
01/12/2006	CW1MW-040	12.67	51.10
01/12/2006	CW1MW-281	11.11	51.26
-	CW1MW-282	NG	NG
01/12/2006	CW1MW-291	10.75	52.63

NOTE:
NG - Not Gauged
GW - Groundwater

WELL GAUGE REPORT
APRIL 2006 GROUNDWATER SAMPLING EVENT

FORT MONMOUTH - CHARLES WOOD AREA
EATONTOWN, NEW JERSEY

MONITORING DATE	WELL ID	DEPTH TO GROUNDWATER (feet)	GW ELEV. (feet)
04/13/2006	CW1MW-026	8.98	53.48
04/13/2006	CW1MW-027	8.74	53.82
04/13/2006	CW1MW-028	7.04	55.85
04/13/2006	CW1MW-029	6.67	53.74
04/13/2006	CW1MW-030	9.85	53.49
04/13/2006	CW1MW-031	9.94	52.78
04/13/2006	CW1MW-032	11.28	52.34
-	CW1MW-033	NG	NG
04/13/2006	CW1MW-034	8.81	51.26
04/13/2006	CW1MW-035	8.32	51.23
-	CW1MW-036	NG	NG
-	CW1MW-037	NG	NG
-	CW1MW-038	NG	NG
-	CW1MW-039	NG	NG
04/13/2006	CW1MW-040	13.36	50.41
04/13/2006	CW1MW-281	11.81	50.56
-	CW1MW-282	NG	NG
04/13/2006	CW1MW-291	11.27	52.11

NOTE:
NG - Not Gauged
GW - Groundwater

WELL GAUGE REPORT
JULY 2006 GROUNDWATER SAMPLING EVENT

FORT MONMOUTH - CHARLES WOOD AREA
EATONTOWN, NEW JERSEY

MONITORING DATE	WELL ID	DEPTH TO GROUNDWATER (feet)	GW ELEV. (feet)
07/12/2006	CW1MW-026	9.06	53.40
07/12/2006	CW1MW-027	8.88	53.68
07/12/2006	CW1MW-028	7.19	55.70
07/12/2006	CW1MW-029	6.74	53.67
07/12/2006	CW1MW-030	10.05	53.29
07/12/2006	CW1MW-031	9.97	52.75
07/12/2006	CW1MW-032	11.24	52.38
-	CW1MW-033	NG	NG
07/12/2006	CW1MW-034	8.58	51.49
07/12/2006	CW1MW-035	8.21	51.34
-	CW1MW-036	NG	NG
-	CW1MW-037	NG	NG
-	CW1MW-038	NG	NG
-	CW1MW-039	NG	NG
07/12/2006	CW1MW-040	13.67	50.10
07/12/2006	CW1MW-281	12.14	50.23
-	CW1MW-282	NG	NG
07/12/2006	CW1MW-291	11.26	52.12

NOTE:
NG - Not Gauged
GW - Groundwater

SHALLOW WELL SPECIFICATIONS
FORT MONMOUTH - CHARLES WOOD AREA
EATONTOWN, NEW JERSEY

Well ID	Permit #	Date of Installation	Total Depth (feet bg)	Screen Length (feet)	Well Diameter (inches)	TOC (feet)
CW1MW-026	29-32590	12/19/1994	16.89	10	4	62.46
CW1MW-027	29-32591	12/19/1994	16.89	10	4	62.56
CW1MW-028	29-32592	12/19/1994	16.93	10	4	62.89
CW1MW-029	29-32593	12/19/1994	16.87	10	4	60.41
CW1MW-030	29-43188	07/13/2000	21.45	10	4	63.34
CW1MW-031	29-43189	07/13/2000	21.73	15	4	62.72
CW1MW-032	29-43190	07/13/2000	21.80	15	4	63.62
CW1MW-033	29-43191	07/13/2000	23.00	15	4	63.69
CW1MW-034	29-43192	07/13/2000	19.46	10	4	60.07
CW1MW-035	29-43193	07/18/2000	16.48	10	4	59.55
CW1MW-036	29-43194	07/18/2000	16.28	15	4	60.15
CW1MW-037	29-43195	07/18/2000	13.21	15	4	59.65
CW1MW-282	29-35313	05/02/1996	17.95	10	4	61.47
CW1MW-291	29-35314	05/03/1996	18.18	10	4	63.38

Notes: TOC - Elevation above sea level of top of casing;
bg - below grade.

TABLE 2
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		**CW1MW-038**			**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 2
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		**CW1MW-039**			**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 2
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		**CW1MW-040**			**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	50.40	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	49.90	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	50.90	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	51.50	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	50.20	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
07/15/04	13.51	50.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 2
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)**	**--**	**--**
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	50.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/29/05	12.77	51.00	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
12/12/05	12.71	51.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/12/06	12.67	51.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/06	13.36	50.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/06	13.67	50.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID:		**CW1MW-281**			**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

TABLE 2
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)**	**--**	**--**
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
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

TABLE 2
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)**	**--**	**--**
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
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	20.50	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
12/12/05	11.16	51.21	23.71	ND	0.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24.03
01/12/06	11.11	51.26	11.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.49
04/13/06	11.81	50.56	17.45	ND	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.70
07/12/06	12.14	50.23	55.82	ND	0.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	56.68

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

DEEP WELL SPECIFICATIONS
FORT MONMOUTH - CHARLES WOOD AREA
EATONTOWN, NEW JERSEY

Well ID	Permit #	Date of Installation	Total Depth (feet bg)	Screen Length (feet)	Well Diameter (inches)	TOC (feet)
CW1MW-038	29-43186	07/11/2000	51.75	20	4	63.50
CW1MW-039	29-43185	07/10/2000	49.69	20	4	62.93
CW1MW-040	29-43187	07/14/2000	48.50	20	4	63.77
CW1MW-281	29-35312	05/02/1996	43.20	10	4	62.37

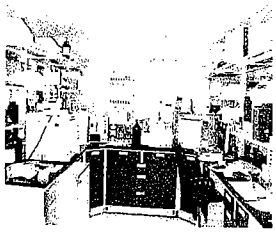
Notes: TOC - Elevation above sea level of top of casing;
bg - below grade.

APPENDIX A

GROUNDWATER SAMPLING ANALYTICAL REPORT
DECEMBER 9 & 12, 2005

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
5063504	CW1MW026	29-32590	12/09/05
5063505	CW1MW027	29-32591	12/09/05
5063506	CW1MW028	29-32592	12/09/05
5063507	CW1MW029	29-32593	12/09/05
5063604	CW1MW030	29-43188	12/12/05
5063605	CW1MW031	29-43189	12/12/05
5063606	CW1MW032	29-43190	12/12/05
5063607	CW1MW034	29-43192	12/12/05
5063608	CW1MW035	29-43193	12/12/05
5063609	CW1MW040	29-43187	12/12/05
5063610	CW1MW281	29-35312	12/12/05
5063611	CW1MW291	29-35314	12/12/05

NJDEP Laboratory Certification # 13461

1-6-06

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

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

SAMPLING

Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: DOUG GUENTHER
Phone: 732-532-0986
)DERA ( )OMA ( )Other:_____

Project No:
Location: CW1 4th 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
5D 1035 .01	CW-1(2700) TRIP BLANK	12-9-05	13:00	AQ	2	x								
.02	CW-1(2700) FIELD BLANK	12-9-05	15:00	AQ	2	x								
.03	CW-1(2700) DUP.	12-9-05	—	AQ	2	x								
.04	CW-1(2700) MW #26	12-9-05	15:10	AQ	2	x								29-32590
.05	CW-1 (2700) MW#27	12-9-05	15:20	AQ	2	x								29-32591
.06	CW-1 (2700) MW#28	12-9-05	15:30	AQ	2	x								29-32592
.07	CW-1 (2700) MW#29*	12-9-05	15:40	AQ	2	x								29-32593

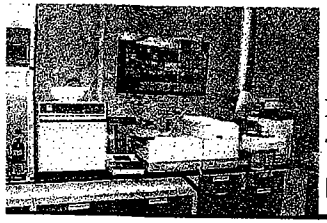
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	12-9-05 16:05	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

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

Remarks:

print legibly

COC.XLS10/11/2005



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: DOUG GUENTHER
Phone: 732-532-0986
( )DERA ( )OMA ( )Other:_____
Samplers Name / Company: WALTER FUNK /TVS

Project No:
Location: CWI 4th QTR 05

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15								Comments: Remarks / Preservation Method
5D W36.01	CW-1(2700) TRIP BLANK	12-12-05	8:00	AQ	2	X								
.02	CW-1(2700) FIELD BLANK	12-12-05	10:30	AQ	2	X								
.03	CW-1(2700) DUP	12-12-05	——	AQ	2	X								
.04	CW-1 (2700) MW#30	12-12-05	11:25	AQ	2	X								29-43188
.05	CW-1 (2700) MW#31	12-12-05	11:35	AQ	2	X								29-43189
.06	CW-1 (2700) MW#32	12-12-05	11:45	AQ	2	X								29-43190
.07	CW-1(2700) MW#34	12-12-05	14:50	AQ	2	X								29-43192
.08	CW-1(2700) MW#35	12-12-05	14:40	AQ	2	X								29-43193
.09	CW-1(2700) MW#40	12-12-05	14:25	AQ	2	X								29-43187
.10	CW-1(2700) MW#281	12-12-05	13:45	AQ	2	X								29-35312
.11	CW-1(2700) MW#291*	12-12-05	10:40	AQ	2	X								29-35314

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	12/12/05 15:30	[signature] 12/13/05 7:30			
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

COC.XLS10/11/2005

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: 12/09/05
WEATHER: Sunny 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: 8.58 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.31 ft
(8.31) X .65 X 3 = 16.20
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:46
pH 4.82 su — TEMP 14.97 °C
DISSOLVED O_2 9.24 mg/L — SPECIFIC CONDUCTIVITY 5096.0 µs/cm

PURGE END TIME: 15:00
pH 4.54 su — TEMP 14.14 °C
DISSOLVED O_2 10.34 mg/L — SPECIFIC CONDUCTIVITY 5133.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.15 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 15:10
pH 4.33 su — TEMP 15.48 °C
DISSOLVED O_2 8.34 mg/L — SPECIFIC CONDUCTIVITY 3783.0.0 µs/cm

SAMPLE END TIME: 15:00

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: 12/09/05
WEATHER: Sunny 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: 8.31 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.58 ft
(8.58) X .65 X 3 = 16.73
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:54
pH 4.98 su — TEMP 15.05 °C
DISSOLVED O_2 8.61 mg/L — SPECIFIC CONDUCTIVITY 2825.0 µs/cm

PURGE END TIME: 15:08
pH 4.70 su — TEMP 15.51 °C
DISSOLVED O_2 8.38 mg/L — SPECIFIC CONDUCTIVITY 3612.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.61 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 15:20
pH 4.74 su — TEMP 15.55 °C
DISSOLVED O_2 8.12 mg/L — SPECIFIC CONDUCTIVITY 3623.0 µs/cm

SAMPLE END TIME: 15:20

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: 12/09/05
WEATHER: Sunny 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: 6.62 ft
DEPTH OF WELL: 16.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.31 ft
(10.31) X .65 X 3 = 20.10
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: 14:01
pH 4.62 su — TEMP 16.08 °C
DISSOLVED O_2 9.06 mg/L — SPECIFIC CONDUCTIVITY 2953.0 µs/cm

PURGE END TIME: 15:28
pH 4.58 su — TEMP 16.18 °C
DISSOLVED O_2 8.83 mg/L — SPECIFIC CONDUCTIVITY 2386.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.81 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 15:30
pH 4.54 su — TEMP 16.16 °C
DISSOLVED O_2 8.65 mg/L — SPECIFIC CONDUCTIVITY 2375.0 µs/cm

SAMPLE END TIME: 15:30

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: 12/09/05
WEATHER: Sunny and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 6.26 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.61 ft
(10.61) X .65 X 3 = 20.68
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 14:07
pH 5.45 su — TEMP 15.84 °C
DISSOLVED O_2 5.11 mg/L — SPECIFIC CONDUCTIVITY 3638.0 µs/cm

PURGE END TIME: 15:20
pH 5.26 su — TEMP 15.59 °C
DISSOLVED O_2 6.32 mg/L — SPECIFIC CONDUCTIVITY 3610.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.49 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 15:40
pH 5.40 su — TEMP 16.11 °C
DISSOLVED O_2 4.16 mg/L — SPECIFIC CONDUCTIVITY 3688.0 µs/cm

SAMPLE END TIME: 15:40

COMMENTS: DUP. Here.

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: 12/12/95
WEATHER: Sunny 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: 9.32 ft
DEPTH OF WELL: 21.45 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.13 ft
(12.13) X .65 X 3 = 23.65
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:37
pH 5.60 su
DISSOLVED O_2 9.88 mg/L
TEMP 14.55 °C
SPECIFIC CONDUCTIVITY 3446.0 µs/cm

PURGE END TIME: 11:21
pH 5.29 su
DISSOLVED O_2 10.46 mg/L
TEMP 14.96 °C
SPECIFIC CONDUCTIVITY 3296.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.47 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 11:25
pH 5.06 su
DISSOLVED O_2 9.71 mg/L
TEMP 15.65 °C
SPECIFIC CONDUCTIVITY 3381.0 µs/cm

SAMPLE END TIME: 11:25

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: 12/12/05
WEATHER: Sunny 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: 9.44 ft
DEPTH OF WELL: 21.73 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.29 ft
(12.29) X .65 X 3 = 23.96
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 9:46
pH 4.68 su — TEMP 13.71 °C
DISSOLVED O_2 9.77 mg/L — SPECIFIC CONDUCTIVITY 4377.0 µs/cm

PURGE END TIME: 11:30
pH 4.62 su — TEMP 14.97 °C
DISSOLVED O_2 9.76 mg/L — SPECIFIC CONDUCTIVITY 4278.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.57 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 11:35
pH 4.47 su — TEMP 15.19 °C
DISSOLVED O_2 9.31 mg/L — SPECIFIC CONDUCTIVITY 4255.0 µs/cm

SAMPLE END TIME: 11:35

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: 12/12/05
WEATHER: Sunny 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: 10.82 ft
DEPTH OF WELL: 21.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.98 ft
(10.98) X .65 X 3 = 21.41
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: 09:56
pH 4.98 su — TEMP 14.66 °C
DISSOLVED O_2 9.57 mg/L — SPECIFIC CONDUCTIVITY 4185.0 µs/cm

PURGE END TIME: 11:32
pH 5.41 su — TEMP 15.22 °C
DISSOLVED O_2 9.35 mg/L — SPECIFIC CONDUCTIVITY 4227.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.04 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 11:45
pH 5.46 su — TEMP 15.41 °C
DISSOLVED O_2 8.78 mg/L — SPECIFIC CONDUCTIVITY 4251.0 µs/cm

SAMPLE END TIME: 11:45

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: 12/12/05
WEATHER: Sunny 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: 8.25 ft
DEPTH OF WELL: 19.46 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.21 ft
(11.21) X .65 X 3 =21.85
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: 13:12
pH 4.85 su — TEMP 16.98 °C
DISSOLVED O_2 8.78 mg/L — SPECIFIC CONDUCTIVITY 3757.0 µs/cm

PURGE END TIME: 14:48
pH 4.76 su — TEMP 17.13 °C
DISSOLVED O_2 8.91 mg/L — SPECIFIC CONDUCTIVITY 3647.0 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: 20 gal

SAMPLE START TIME: 14:50
pH 4.72 su — TEMP 17.64 °C
DISSOLVED O_2 8.41 mg/L — SPECIFIC CONDUCTIVITY 3854.0 µs/cm

SAMPLE END TIME: 14:50

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: 12/12/05
WEATHER: Sunny 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: 8.04 ft
DEPTH OF WELL: 16.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.44 ft
(8.44) X .65 X 3 =16.45
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:22
pH 4.50 su — TEMP 17.12 °C
DISSOLVED O_2 7.63 mg/L — SPECIFIC CONDUCTIVITY 3142.0 µs/cm

PURGE END TIME: 14:36
pH 4.71 su — TEMP 17.08 °C
DISSOLVED O_2 7.67 mg/L — SPECIFIC CONDUCTIVITY 2888.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.32 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 14:40
pH 4.50 su — TEMP 17.68 °C
DISSOLVED O_2 4.61 mg/L — SPECIFIC CONDUCTIVITY 2939.0 µs/cm

SAMPLE END TIME: 14:40

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: Walter Funk
DATE: 12/12/05
WEATHER: Sunny 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: 12.71 ft
DEPTH OF WELL: 48.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 35.79 ft
(35.79) X .65 X 3 =69.79
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: 09:18
pH 5.52 su
DISSOLVED O_2 6.60 mg/L
TEMP 14.84 °C
SPECIFIC CONDUCTIVITY 5392.0 µs/cm

PURGE END TIME: 14:23
pH 5.87 su
DISSOLVED O_2 5.06 mg/L
TEMP 13.89 °C
SPECIFIC CONDUCTIVITY 5186.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.31 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 70 gal

SAMPLE START TIME: 14:25
pH 5.78 su
DISSOLVED O_2 0.83 mg/L
TEMP 14.67 °C
SPECIFIC CONDUCTIVITY 5381.0 µs/cm

SAMPLE END TIME: 14:25

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: 12/12/05
WEATHER: Sunny 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: 11.16 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: 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: 09:08
pH 4.14 su
DISSOLVED O_2 6.05 mg/L
TEMP 14.47 °C
SPECIFIC CONDUCTIVITY 5525.0 µs/cm

PURGE END TIME: 13:42
pH 5.65 su
DISSOLVED O_2 4.09 mg/L
TEMP 14.63 °C
SPECIFIC CONDUCTIVITY 5407.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.71 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 63 gal

SAMPLE START TIME: 13:45
pH 5.95 su
DISSOLVED O_2 0.83 mg/L
TEMP 15.32 °C
SPECIFIC CONDUCTIVITY 5483.0 µs/cm

SAMPLE END TIME: 13:45

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: 12/12/05
WEATHER: Sunny 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: 10.81 ft
DEPTH OF WELL: 18.18 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: 15 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:26
pH 6.04 su — TEMP 14.86 °C
DISSOLVED O_2 9.02 mg/L — SPECIFIC CONDUCTIVITY 4770.0 µs/cm

PURGE END TIME: 10:31
pH 5.53 su — TEMP 14.56 °C
DISSOLVED O_2 8.88 mg/L — SPECIFIC CONDUCTIVITY 4942.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.95 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 10:40
pH 5.66 su — TEMP 14.96 °C
DISSOLVED O_2 8.55 mg/L — SPECIFIC CONDUCTIVITY 4862.0 µs/cm

SAMPLE END TIME: 10:40

COMMENTS: DUP. Here.

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	VB021036.D	Sample Name	MB 14Dec2005
Operator	Skelton	Field ID	MB 14Dec2005
Date Acquired	14 Dec 2005 2:32 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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 14Dec2005**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50635 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 14Dec2005

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021036.D

Level: (low/med) LOW Date Received: 12/9/2005

% Moisture: not dec. _____ Date Analyzed: 12/14/2005

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	VB021037.D	Sample Name	5063501
Operator	Skelton	Field ID	Trip Blank
Date Acquired	14 Dec 2005 3:13 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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50635 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063501

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021037.D

Level: (low/med) LOW Date Received: 12/9/2005

% Moisture: not dec. Date Analyzed: 12/14/2005

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	VB021046.D	Sample Name	5063601
Operator	Skelton	Field ID	Trip Blank
Date Acquired	14 Dec 2005 9:08 pm	Sample Multiplier	1

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

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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1/4/2006 10:14 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50636 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063601

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021046.D

Level: (low/med) LOW Date Received: 12/12/2005

% Moisture: not dec. Date Analyzed: 12/14/2005

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	VB021063.D	Sample Name	5063502
Operator	Skelton	Field ID	Field Blank
Date Acquired	15 Dec 2005 8:40 am	Sample Multiplier	1

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

*Results between MDL and RL are estimated values

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

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50635 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063502

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021063.D

Level: (low/med) LOW Date Received: 12/9/2005

% Moisture: not dec. _____ Date Analyzed: 12/15/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021047.D	Sample Name	5063602
Operator	Skelton	Field ID	Field Blank
Date Acquired	14 Dec 2005 9:49 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: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50636 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063602

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021047.D

Level: (low/med) LOW Date Received: 12/12/2005

% Moisture: not dec. _____ Date Analyzed: 12/14/2005

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	VB021039.D	Sample Name	5063503
Operator	Skelton	Field ID	Dupe
Date Acquired	14 Dec 2005 4:24 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.86	38806	1.02 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	17.19	140237	3.60 ug/L	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	616287	21.14 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.: 50635 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063503

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021039.D

Level: (low/med) LOW Date Received: 12/9/2005

% Moisture: not dec. _____ Date Analyzed: 12/14/2005

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	VB021048.D	Sample Name	5063603
Operator	Skelton	Field ID	Dupe
Date Acquired	14 Dec 2005 10:30 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			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50636 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063603

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021048.D

Level: (low/med) LOW Date Received: 12/12/2005

% Moisture: not dec. Date Analyzed: 12/14/2005

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	VB021040.D	Sample Name	5063504
Operator	Skelton	Field ID	CW-1MW#26
Date Acquired	14 Dec 2005 5:04 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	17.19	17259	0.44 ug/L	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	76223	2.69 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	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.28 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.34 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.24 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.24 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.24 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.27 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#26**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50635 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063504

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021040.D

Level: (low/med) LOW Date Received: 12/9/2005

% Moisture: not dec. Date Analyzed: 12/14/2005

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	VB021041.D	Sample Name	5063505
Operator	Skelton	Field ID	CW-1MW#27
Date Acquired	14 Dec 2005 5:45 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane	17.20	35014	0.89 ug/L	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	57483	2.03 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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#27**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50635 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063505

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021041.D

Level: (low/med) LOW Date Received: 12/9/2005

% Moisture: not dec. _____ Date Analyzed: 12/14/2005

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	VB021042.D	Sample Name	5063506
Operator	Skelton	Field ID	CW-1MW#28
Date Acquired	14 Dec 2005 6:26 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	133862	4.88 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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#28**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50635 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063506

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021042.D

Level: (low/med) LOW Date Received: 12/9/2005

% Moisture: not dec. _____ Date Analyzed: 12/14/2005

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	VB021043.D	Sample Name	5063507
Operator	Skelton	Field ID	CW-1MW#29
Date Acquired	14 Dec 2005 7:06 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	14.25	21399	0.42 ug/L	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	15.87	38273	0.99 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	17.20	135429	3.42 ug/L	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride	17.21	17381	0.57 ug/L	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	596813	20.16 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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#29**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50635 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063507

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021043.D

Level: (low/med) LOW Date Received: 12/9/2005

% Moisture: not dec. Date Analyzed: 12/14/2005

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	VB021049.D	Sample Name	5063604
Operator	Skelton	Field ID	CW-1MW#30
Date Acquired	14 Dec 2005 11:10 pm	Sample Multiplier	1

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

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#30**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50636 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063604

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021049.D

Level: (low/med) LOW Date Received: 12/12/2005

% Moisture: not dec. _____ Date Analyzed: 12/14/2005

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	VB021050.D	Sample Name	5063605
Operator	Skelton	Field ID	CW-1MW#31
Date Acquired	14 Dec 2005 11:51 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	21556	0.78 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: **CW1MW#31**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50636 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063605

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021050.D

Level: (low/med) LOW Date Received: 12/12/2005

% Moisture: not dec. _____ Date Analyzed: 12/14/2005

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	VB021051.D	Sample Name	5063606
Operator	Skelton	Field ID	CW-1MW#32
Date Acquired	15 Dec 2005 12:31 am	Sample Multiplier	1

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

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#32**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50636 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063606

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021051.D

Level: (low/med) LOW Date Received: 12/12/2005

% Moisture: not dec. _____ Date Analyzed: 12/15/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021052.D	Sample Name	5063607
Operator	Skelton	Field ID	CW-1MW#34
Date Acquired	15 Dec 2005 1:12 am	Sample Multiplier	1

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

*Results between MDL and RL are estimated values

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

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#34**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50636 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063607

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021052.D

Level: (low/med) LOW Date Received: 12/12/2005

% Moisture: not dec. _____ Date Analyzed: 12/15/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021053.D	Sample Name	5063608
Operator	Skelton	Field ID	CW-1MW#35
Date Acquired	15 Dec 2005 1:53 am	Sample Multiplier	1

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

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#35**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50636 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063608

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021053.D

Level: (low/med) LOW Date Received: 12/12/2005

% Moisture: not dec. _____ Date Analyzed: 12/15/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021054.D	Sample Name	5063609
Operator	Skelton	Field ID	CW-1MW#40
Date Acquired	15 Dec 2005 2:34 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	10	1.57 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	50	2.47 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	8.54 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.30 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.37 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.46 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.30 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.20 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.25 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	100	0.27 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.26 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.27 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	2.00 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	800	0.16 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.55 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.25 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.32 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.20 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.90 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.28 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.38 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.27 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.20 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.20 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.22 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.33 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	100	0.25 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.18 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.38 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.25 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.14 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.25 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	100	0.29 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.24 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.30 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			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: **CW1MW#40**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50636 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063609

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021054.D

Level: (low/med) LOW Date Received: 12/12/2005

% Moisture: not dec. _____ Date Analyzed: 12/15/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021055.D	Sample Name	5063610
Operator	Skelton	Field ID	CW-1MW#281
Date Acquired	15 Dec 2005 3:14 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	15.88	12192	0.32 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	19.55	680869	23.71 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: **CW1MW#281**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50636 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063610

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021055.D

Level: (low/med) LOW Date Received: 12/12/2005

% Moisture: not dec. Date Analyzed: 12/15/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021056.D	Sample Name	5063611
Operator	Skelton	Field ID	CW-1MW#291
Date Acquired	15 Dec 2005 3:55 am	Sample Multiplier	1

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

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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1/4/2006 10:14 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#291**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 50636 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 5063611

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021056.D

Level: (low/med) LOW Date Received: 12/12/2005

% Moisture: not dec. _____ Date Analyzed: 12/15/2005

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

LTM

	Lab	1,1-Di chloro ethene	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:	-	2	1	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	ND	1.10	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
08/30/2005	FMETL	ND	ND	ND	ND	9.38					V
10/20/2005	FMETL	ND	1.79	ND	ND	8.01					V

SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 12/09/2005

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

01-05-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	1,1-Di chloro ethene	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:	-	2	1	10	30	-					-
12/09/2005	FMETL	ND	2.69	ND	0.44	8.58					V

SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 12/09/2005

NOTES:

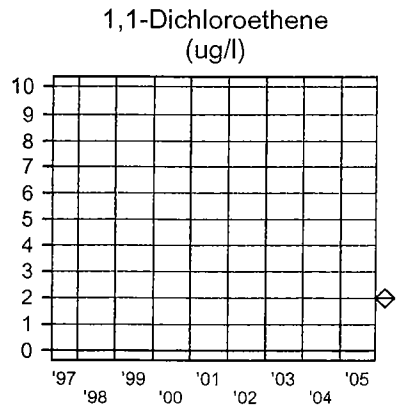
FORT MONMOUTH

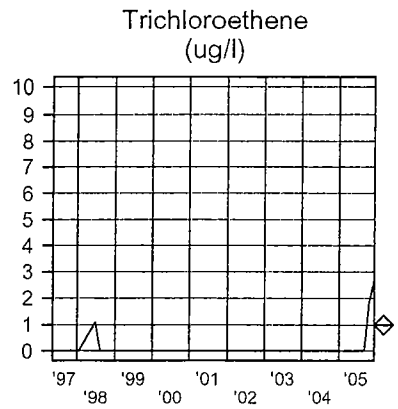
GW MONITORING
CW-1

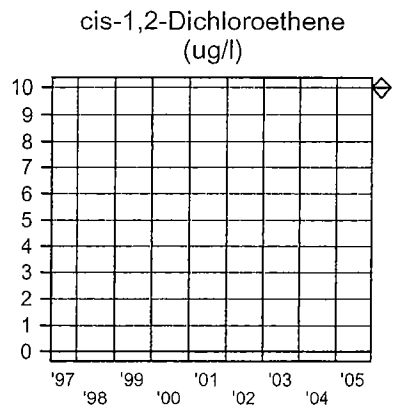
Source 1 of 18 (cont.)

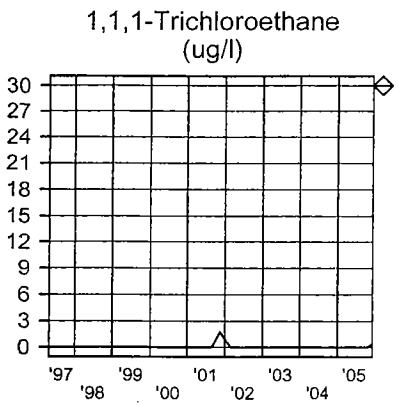
Ag > GW Criteria in blank for samples taken 7/97.

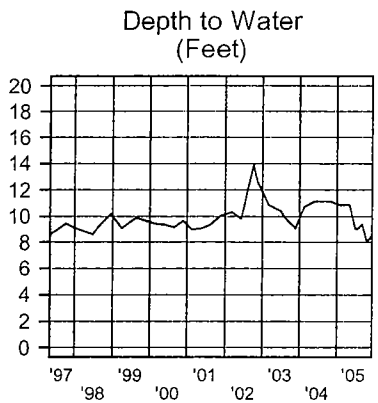
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 12/09/2005

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

01-05-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	1,1-Di chloro ethene	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:	-	2	1	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	ND	1.46	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	ND	7.14	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	0.67	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	ND	1.13	ND	ND	8.85					V
07/21/2005	FMETL	ND	2.26	ND	ND	8.84					V
08/30/2005	FMETL	ND	2.92	ND	ND	9.23					V
10/20/2005	FMETL	ND	12.81	ND	ND	7.73					V
12/09/2005	METL	ND	2.03	ND	0.89	8.31					V

SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 12/09/2005

NOTES:

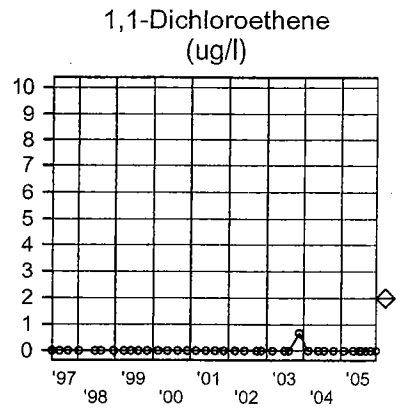
FORT MONMOUTH

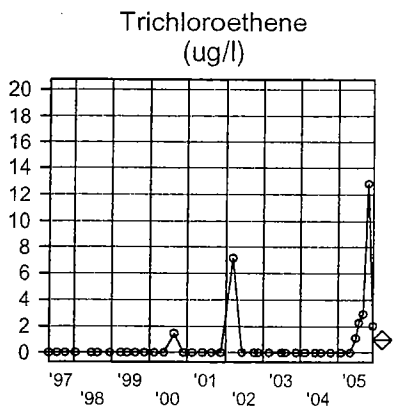
GW MONITORING
CW-1

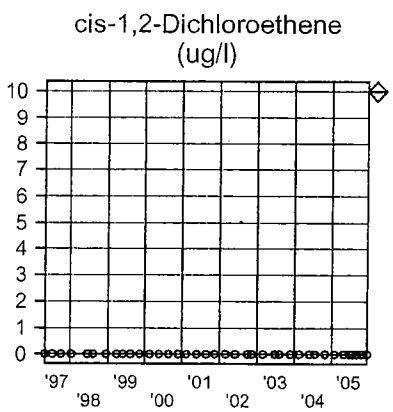
Source 2 of 18

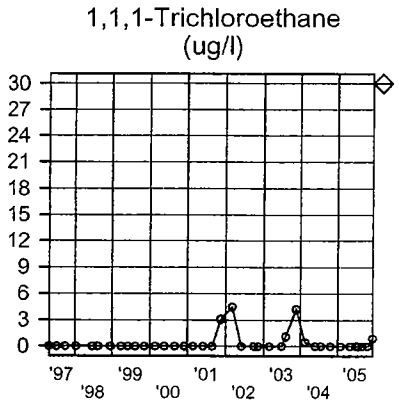
Ag > GW Criteria in blank for samples taken 7/97.

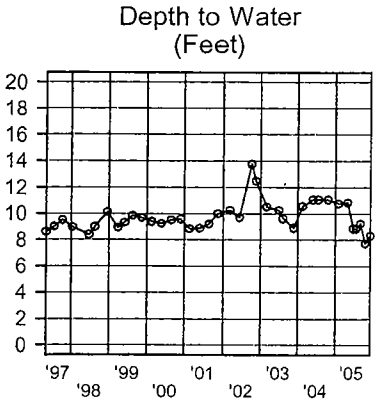
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 12/09/2005

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	1,1-Di chloro ethene	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:	-	2	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	ND	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
04/28/2005	FMETL	ND	0.88	ND	ND	9.63					V
06/23/2005	FMETL	ND	0.83	ND	ND	7.16					V
07/21/2005	FMETL	ND	1.31	ND	ND	7.14					V
08/30/2005	FMETL	ND	3.05	ND	ND	7.51					V
10/20/2005	FMETL	ND	9.76	ND	ND	6.01					V
12/09/2005	FMETL	ND	4.88	ND	ND	6.62					V

SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 12/09/2005

NOTES:

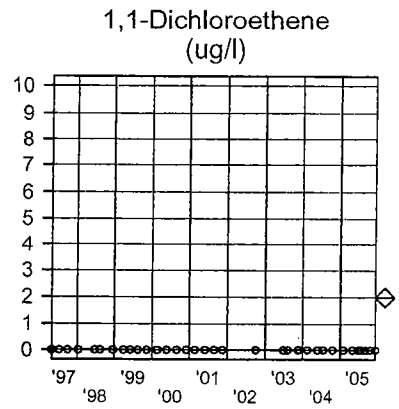
FORT MONMOUTH

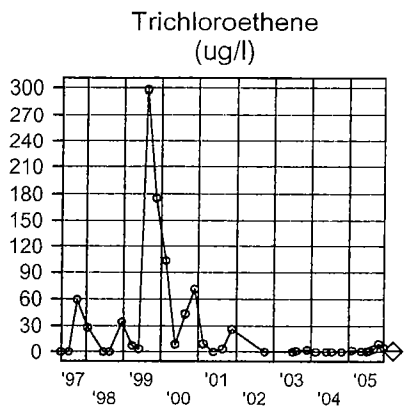
GW MONITORING
CW-1

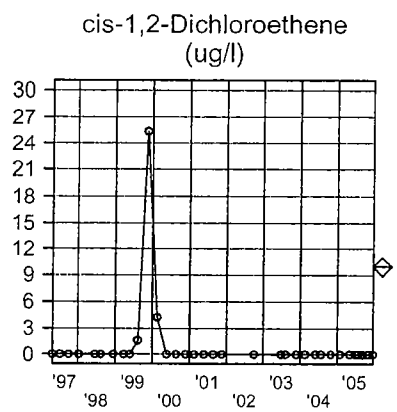
Source 3 of 18

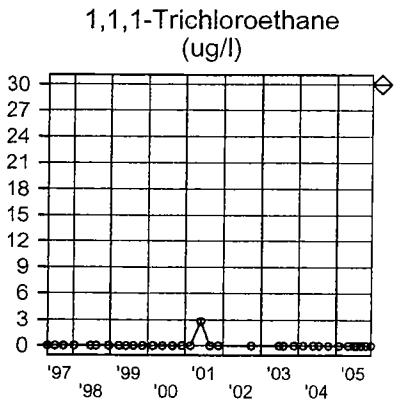
Ag > GW Criteria in blank for samples taken 7/97.

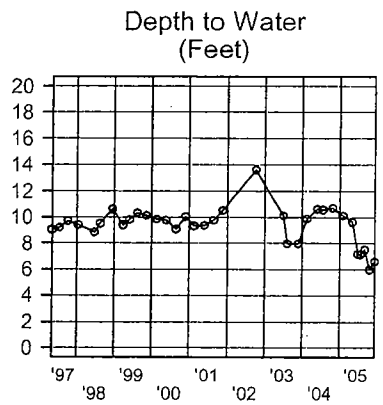
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 12/09/2005

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	1,1-Di chloro ethene	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:	-	2	1	10	30	-					-
04/23/1997	FMETL	ND	3200	47	ND	8.90					V,S,P,M
07/07/1997	FMETL	ND	4900	92	ND	9.30					V,S,P,M
10/01/1997	FMETL	ND	7820	290	ND	9.98					V,S,P,M
01/06/1998	FMETL	ND	1705	67	ND	9.10					V,S,P,M
06/16/1998	FMETL	ND	83.11	11.97	ND	8.67					V,S,P,M
08/13/1998	FMETL	ND	498	88	ND	9.26					V,S,P,M
12/12/1998	FMETL	ND	374.58	161.61	ND	10.30					V,S,P,M
03/23/1999	FMETL	ND	1342	126.68	ND	9.90					V,S,P,M
05/27/1999	FMETL	ND	950.05	75.55	ND	9.59					V,S,P,M
08/11/1999	FMETL	ND	288.11	523.43	ND	10.00					V,S,P,M
11/10/1999	FMETL	1.67	62.96	746.30	ND	9.81					V,S,P,M
02/16/2000	FMETL	ND	41.51	175.38	ND	9.54					V,S,P,M
05/17/2000	FMETL	ND	357.72	186.08	ND	9.47					V,S,P,M
08/23/2000	FMETL	ND	263.49	352.10	ND	9.24					V,S,P,M
11/27/2000	FMETL	ND	54.06	96.55	ND	9.71					V,S,P,M
02/15/2001	FMETL	ND	1951.41	250.62	ND	9.09					V,S,P,M
05/24/2001	FMETL	ND	470.48	66.54	ND	9.14					V,S,P,M
08/22/2001	FMETL	ND	2040.65	340.29	ND	9.44					V,S,P,M
11/16/2001	FMETL	ND	67.36	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	ND	7.17	ND	ND	10.45					V
07/15/2004	FMETL	ND	17.49	ND	ND	9.82					V
10/22/2004	FMETL	ND	ND	ND	ND	10.2					V
01/26/2005	FMETL	ND	0.62	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	ND	1.48	ND	ND	6.72					V
07/21/2005	FMETL	ND	1.74	ND	ND	6.70					V
08/30/2005	FMETL	ND	4.59	ND	ND	7.07					V
10/20/2005	FMETL	ND	3.75	ND	ND	5.65					V
12/09/2005	FMETL	0.42	20.16	0.99	3.42	6.26					V

SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 12/09/2005

NOTES:

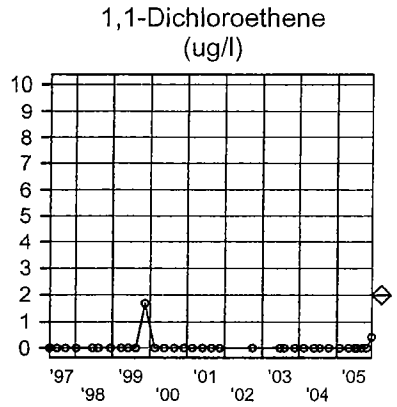
FORT MONMOUTH

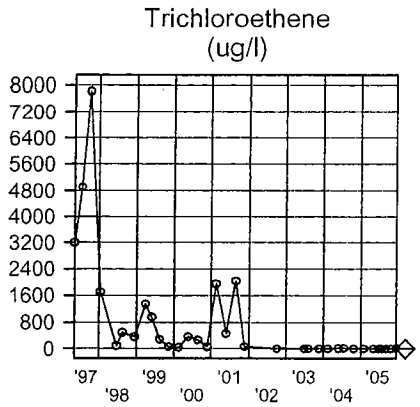
GW MONITORING
CW-1

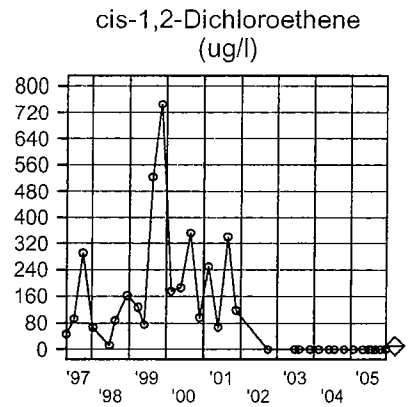
Source 4 of 18

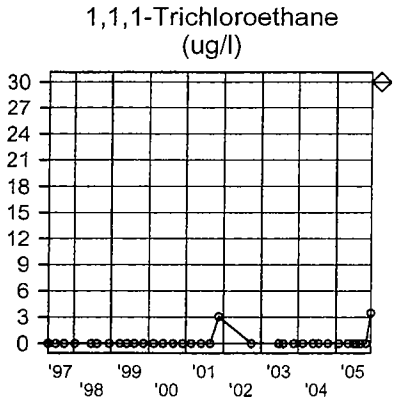
^g > GW Criteria in blank for samples taken 7/97.

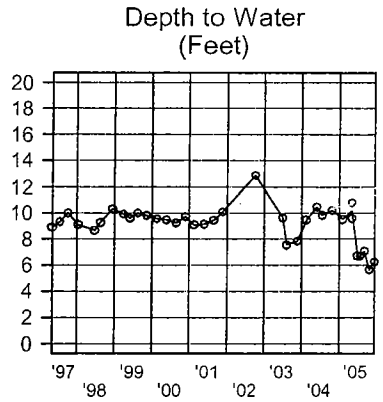
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 12/09/2005

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	1,1-Di chloro ethene	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:	-	2	1	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	ND	1.36	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
08/30/2005	FMETL	ND	ND	ND	ND	10.51					V
10/20/2005	FMETL	ND	ND	ND	ND	8.74					V
12/12/2005	FMETL	ND	ND	ND	ND	9.32					V

SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 12/12/2005

NOTES:

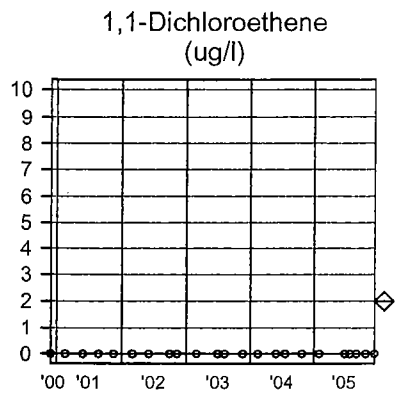
FORT MONMOUTH

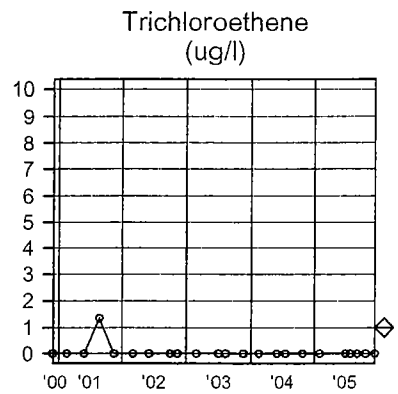
GW MONITORING
CW-1

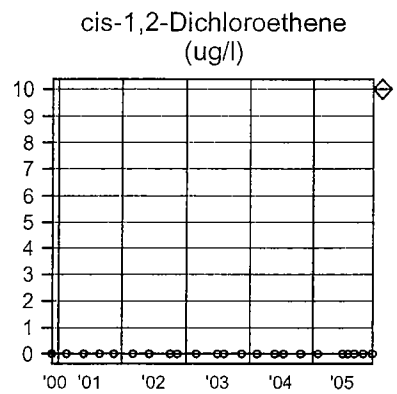
Source 8 of 18

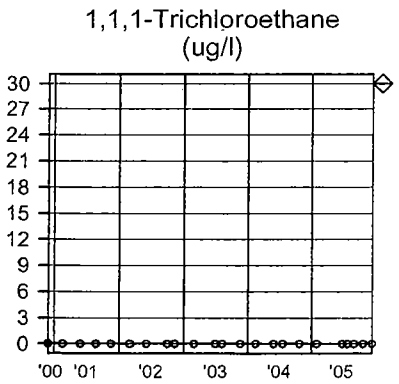
Ag > GW Criteria in blank for samples taken 7/97.

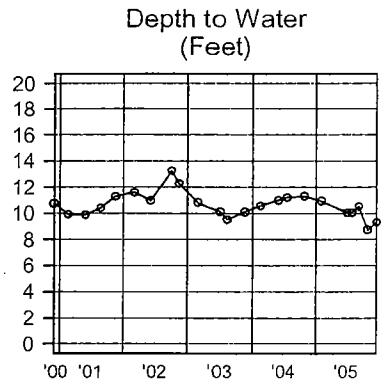
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 12/12/2005

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	1,1-Di chloro ethene	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:	-	2	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	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	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
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
08/30/2005	FMETL	ND	ND	ND	ND	10.30					V
10/20/2005	FMETL	ND	ND	ND	ND	8.96					V
12/12/2005	FMETL	ND	0.78	ND	ND	9.44					V

SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 12/12/2005

NOTES:

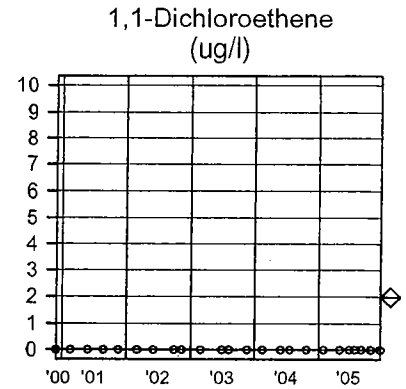
FORT MONMOUTH

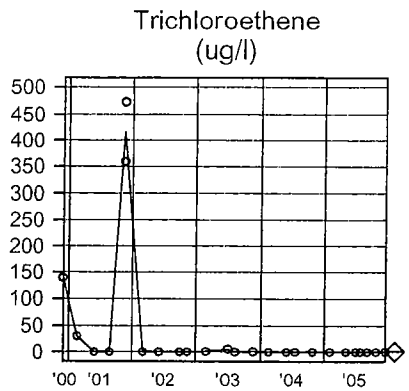
GW MONITORING
CW-1

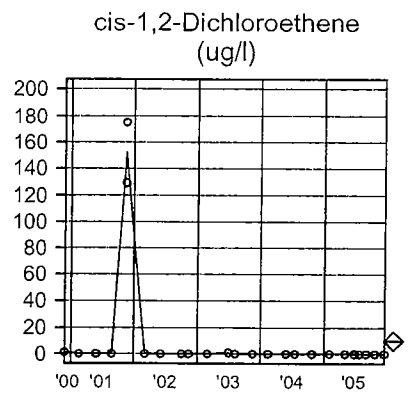
Source 9 of 18

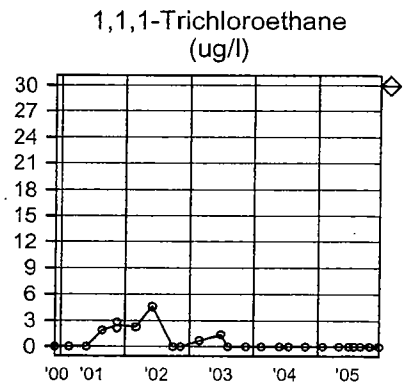
Ag > GW Criteria in blank for samples taken 7/97.

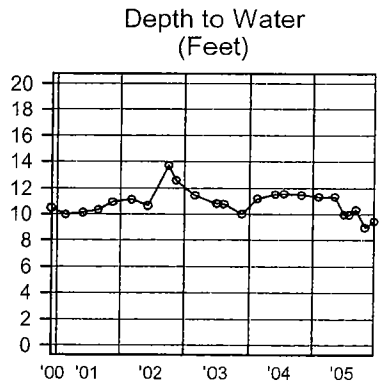
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 12/12/2005

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	1,1-Di chloro ethene	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:	-	2	1	10	30	-					-
11/27/2000	FMETL	ND	51.33	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	ND	10.77	ND	ND	11.43					V,S,P,M
08/22/2001	FMETL	ND	16.24	ND	ND	11.57					V,S,P,M
11/16/2001	FMETL	ND	4.91	ND	ND	12.04					V,S,P,M
02/28/2002	FMETL	ND	6.38	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
08/30/2005	FMETL	ND	ND	ND	ND	11.55					V
10/20/2005	FMETL	ND	ND	ND	ND	10.40					V
12/12/2005	FMETL	ND	ND	ND	ND	10.82					V

SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 12/12/2005

NOTES:

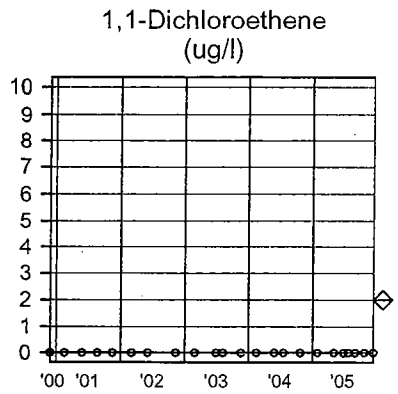
FORT MONMOUTH

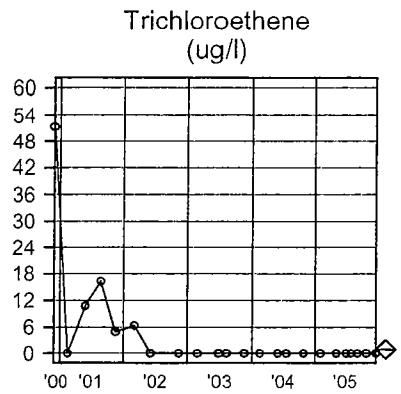
GW MONITORING
CW-1

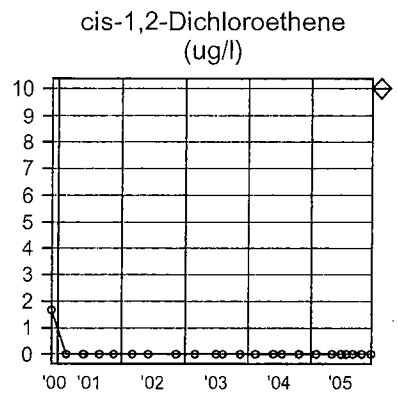
Source 10 of 18

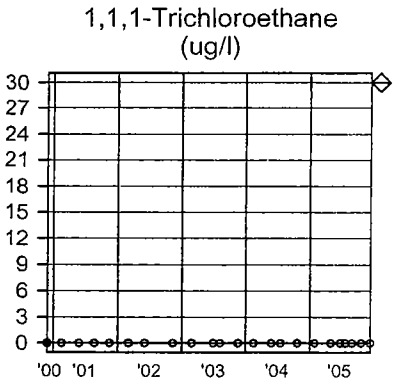
Ag > GW Criteria in blank for samples taken 7/97.

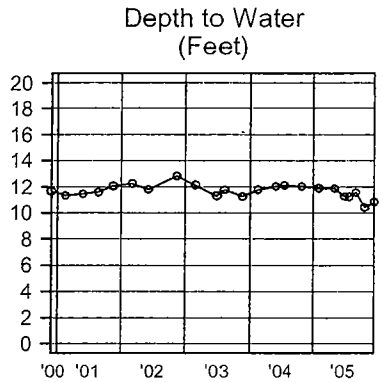
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 12/12/2005

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

01-05-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	1,1-Di chloro ethene	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:	-	2	1	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
08/30/2005	FMETL	ND	ND	ND	ND	8.81					V
10/20/2005	FMETL	ND	ND	ND	ND	7.98					V
12/12/2005	FMETL	ND	ND	ND	ND	8.25					V

SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 12/12/2005

NOTES:

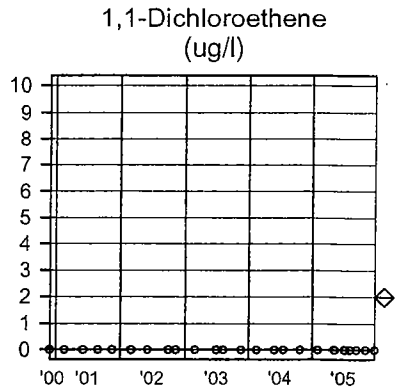
FORT MONMOUTH

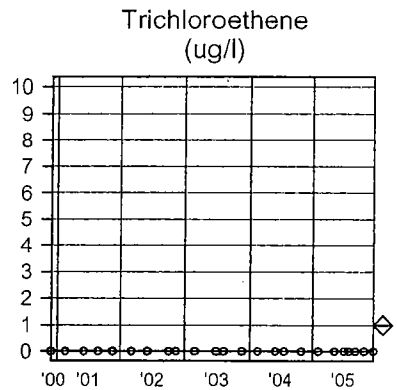
GW MONITORING
CW-1

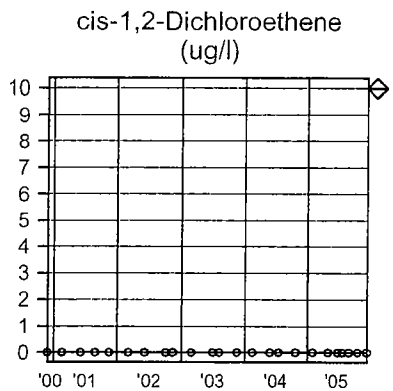
Source 12 of 18

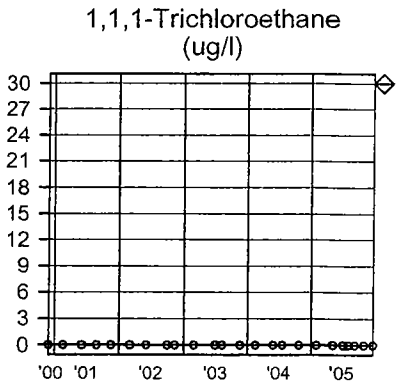
Ag > GW Criteria in blank for samples taken 7/97.

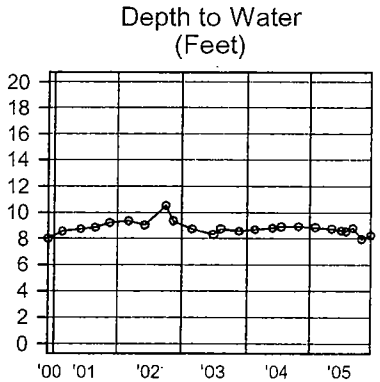
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 12/12/2005

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.

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FORT MONMOUTH
SELFM-PW-EV

	Lab	1,1-Di chloro ethene	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:	-	2	1	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
08/30/2005	FMETL	ND	ND	ND	ND	8.41					V
10/20/2005	FMETL	ND	ND	ND	ND	7.76					V
12/12/2005	FMETL	ND	ND	ND	ND	8.04					V

SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 12/12/2005

NOTES:

FORT MONMOUTH

GW MONITORING
CW-1

Source 13 of 18

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

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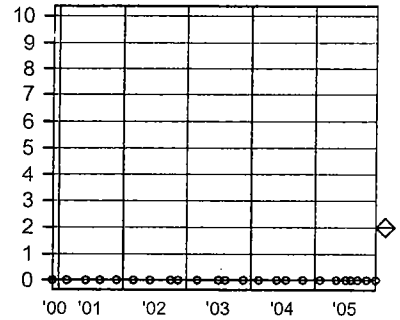
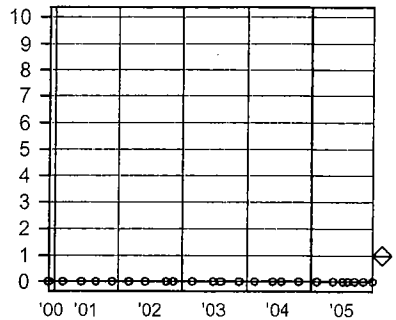
FORT MONMOUTH
SELFM-PW-EV

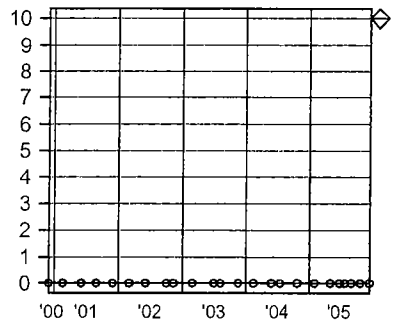
1,1-Dichloroethene
(ug/l)



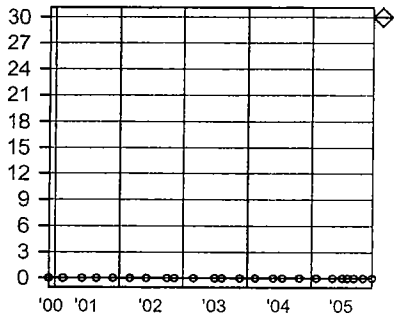
Trichloroethene
(ug/l)



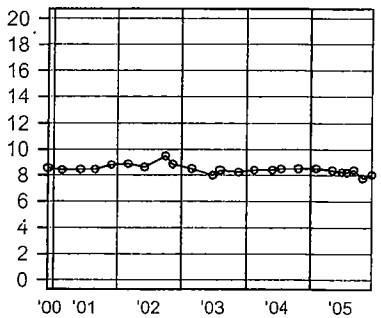
cis-1,2-Dichloroethene
(ug/l)



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



Depth to Water
(Feet)



SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 12/12/2005

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	1,1-Di chloro ethene	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:	-	2	1	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
09/01/2005	FMETL	ND	ND	ND	ND	14.45					V
10/20/2005	FMETL	ND	ND	ND	ND	13.12					V
12/12/2005	FMETL	ND	ND	ND	ND	12.71					V

SOURCE: CW1MW040

Sampling Dates:
11/28/2000 - 12/12/2005

NOTES:

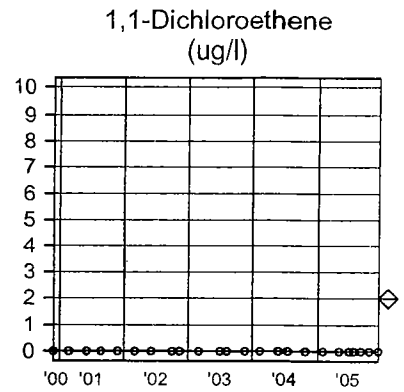
FORT MONMOUTH

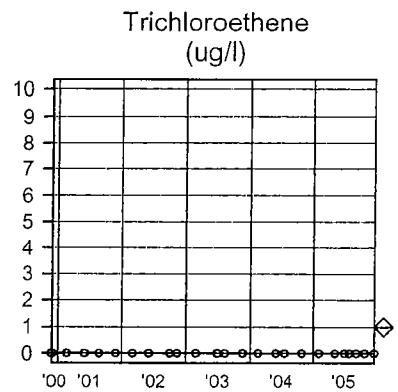
GW MONITORING
CW-1

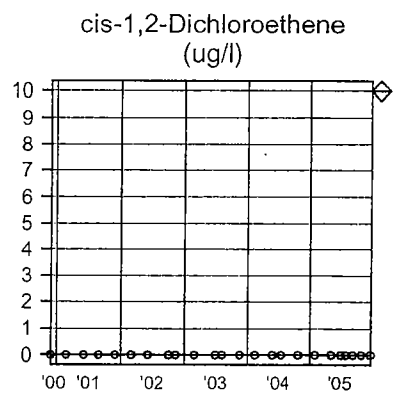
Source 18 of 18

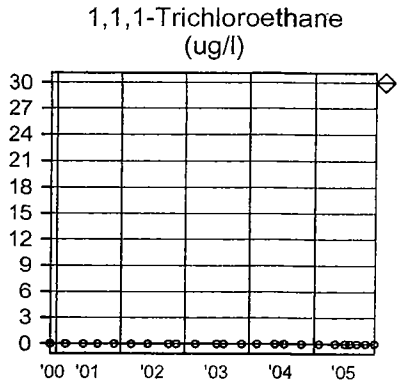
Ag > GW Criteria in blank for samples taken 7/97.

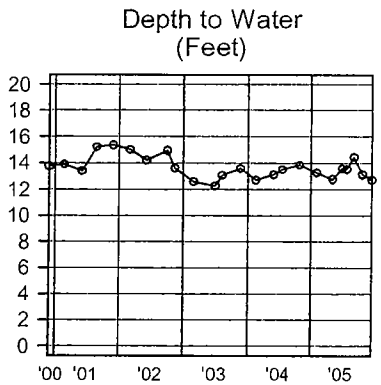
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW040

Sampling Dates:
11/28/2000 - 12/12/2005

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

01-05-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	1,1-Di chloro ethene	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:	-	2	1	10	30	-					-
04/22/1997	FMETL	ND	ND	ND	ND	11.10					V,S,P,M
07/09/1997	FMETL	ND	190	2.45	ND	12.30					V,S,P,M
10/02/1997	FMETL	ND	42	ND	ND	12.80					V,S,P,M
01/07/1998	FMETL	ND	10.6	ND	ND	10.80					V,S,P,M
06/18/1998	FMETL	ND	27.96	ND	ND	10.98					V,S,P,M
08/13/1998	FMETL	ND	45	ND	ND	12.57					V,S,P,M
12/15/1998	FMETL	ND	6.1	ND	ND	13.87					V,S,P,M
03/23/1999	FMETL	ND	14.87	ND	ND	11.25					V,S,P,M
05/27/1999	FMETL	ND	12.08	ND	ND	12.07					V,S,P,M
08/11/1999	FMETL	ND	3.29	ND	ND	13.75					V,S,P,M
11/10/1999	FMETL	ND	6.19	ND	ND	12.75					V,S,P,M
02/16/2000	FMETL	ND	4.67	ND	ND	11.96					V,S,P,M
02/16/2000D	FMETL	ND	4.83	ND	ND	11.96					V,S,P,M
05/17/2000	FMETL	ND	5.51	ND	ND	12.14					V,S,P,M
05/17/2000D	FMETL	ND	5.18	ND	ND	12.14					V,S,P,M
08/23/2000	FMETL	ND	4.06	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	ND	1.19	ND	ND	12.93					V,S,P,M
11/27/2001	FMETL	ND	4.74	ND	ND	13.87					V,S,P,M
11/27/2001D	FMETL	ND	5.08	ND	ND	13.87					V,S,P,M
02/28/2002	FMETL	ND	13.80	ND	ND	13.51					V,S,P,M
05/31/2002	FMETL	ND	25.32	ND	ND	12.70					V,S,P,M
09/30/2002	FMETL	ND	6.16	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	ND	2.30	ND	ND	11.00					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	10.69					V
08/06/2003	FMETL	ND	1.74	ND	ND	11.50					V
11/18/2003	FMETL	ND	1.42	ND	ND	12.05					V
02/11/2004	FMETL	ND	3.48	ND	ND	11.14					V,M
05/24/2004	FMETL	ND	4.44	ND	ND	11.51					V
07/15/2004	FMETL	ND	20.50	ND	ND	11.95					V
10/22/2004	FMETL	ND	16.03	ND	ND	12.31					V
01/27/2005	FMETL	ND	7.38	0.29	ND	10.76					V
04/28/2005	FMETL	ND	3.88	ND	ND	11.16					V
06/24/2005	FMETL	ND	10.49	ND	ND	12.03					V
07/22/2005	FMETL	ND	21.57	0.45	ND	11.96					V

SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 12/12/2005

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

01-05-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	1,1-Di chloro ethene	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:	-	2	1	10	30	-					-
09/01/2005	FMETL	ND	14.27	ND	ND	13.11					V
10/20/2005	FMETL	ND	18.39	ND	ND	8.03					V
12/12/2005	FMETL	ND	23.71	0.32	ND	11.16					V

SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 12/12/2005

NOTES:

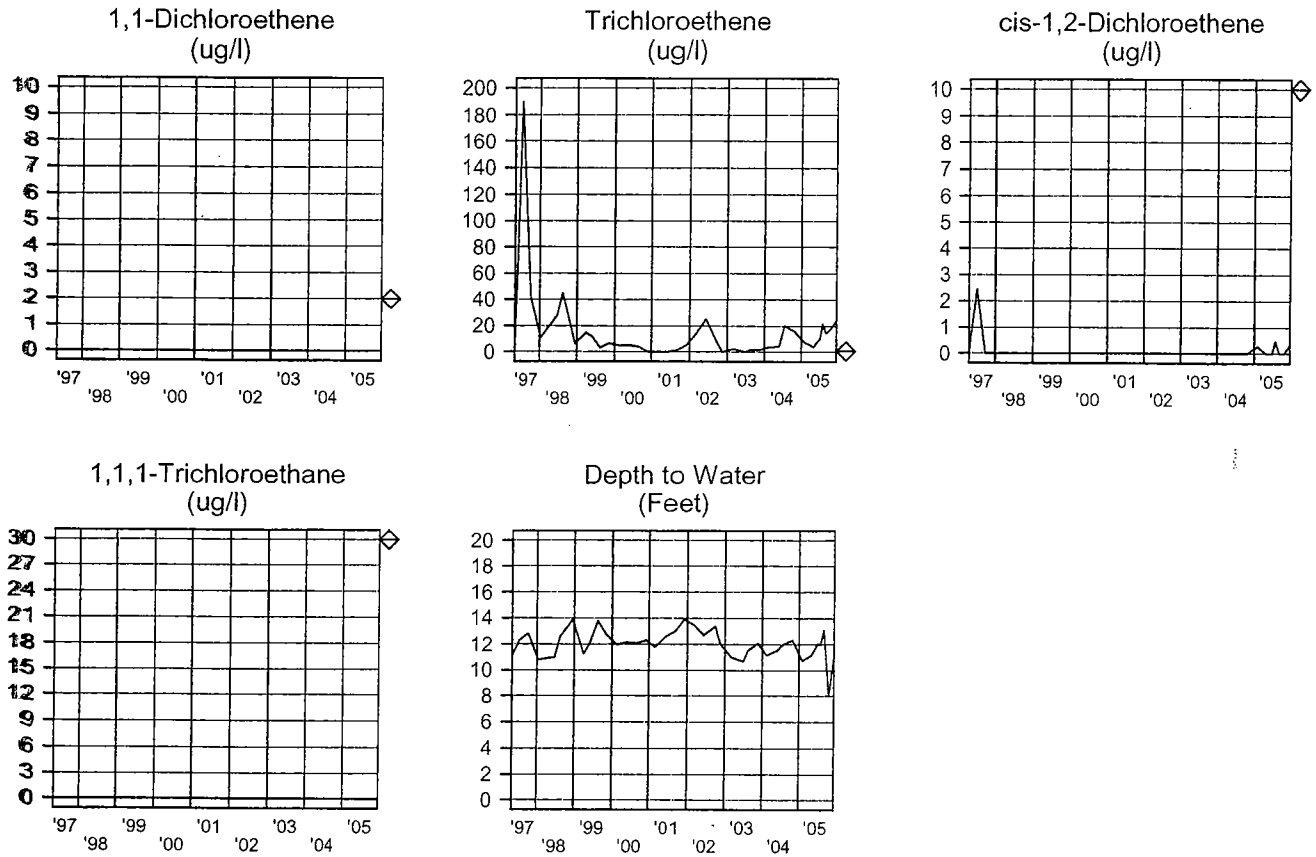
FORT MONMOUTH

GW MONITORING
CW-1

Source 5 of 18 (cont.)

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 - 12/12/2005

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

01-05-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	1,1-Di chloro ethene	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:	-	2	1	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	ND	1.96	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	ND	0.66	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
09/01/2005	FMETL	ND	ND	ND	ND	11.60					V
10/20/2005	FMETL	ND	ND	ND	ND	10.33					V
12/12/2005	FMETL	ND	ND	ND	ND	10.81					V

SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 12/12/2005

NOTES:

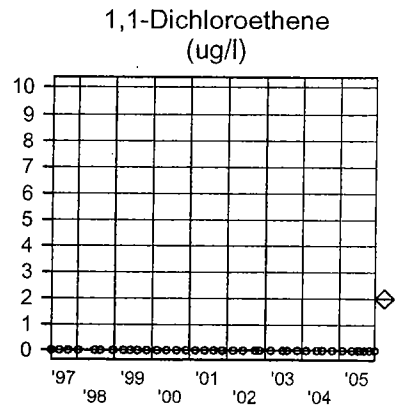
FORT MONMOUTH

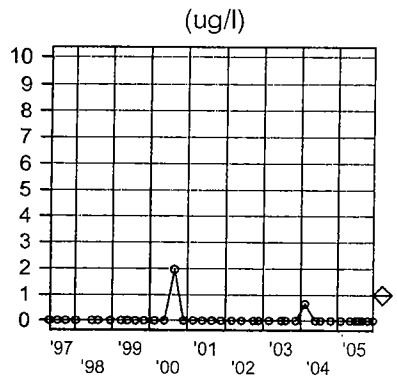
GW MONITORING
CW-1

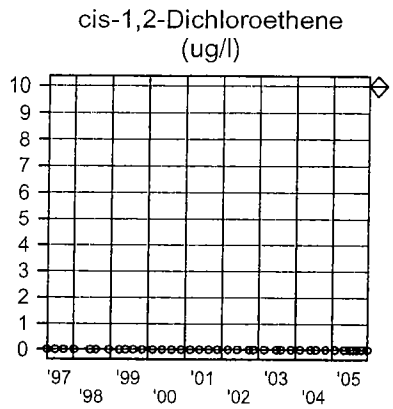
Source 7 of 18

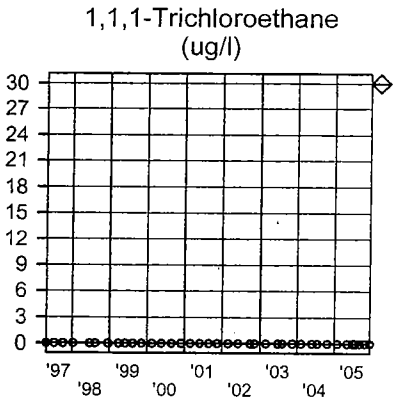
Ag > GW Criteria in blank for samples taken 7/97.

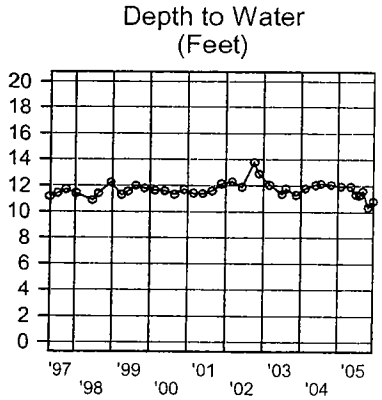
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 12/12/2005

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.

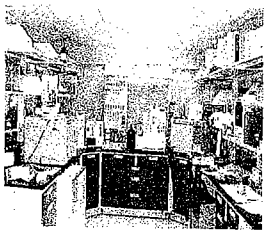
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

APPENDIX B

GROUNDWATER SAMPLING ANALYTICAL REPORT
JANUARY 12, 2006

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
6002904	CW1MW026	29-32590	01/12/06
6002905	CW1MW027	29-32591	01/12/06
6002906	CW1MW028	29-32592	01/12/06
6002907	CW1MW029	29-32593	01/12/06
6002908	CW1MW030	29-43188	01/12/06
6002909	CW1MW031	29-43189	01/12/06
6002910	CW1MW032	29-43190	01/12/06
6002911	CW1MW034	29-43192	01/12/06
6002912	CW1MW035	29-43193	01/12/06
6002913	CW1MW040	29-43187	01/12/06
6002914	CW1MW281	29-35312	01/12/06
6002915	CW1MW291	29-35314	01/12/06

NJDEP Laboratory Certification # 13461

2-24-06

Daniel Wright/Date:
Laboratory Director

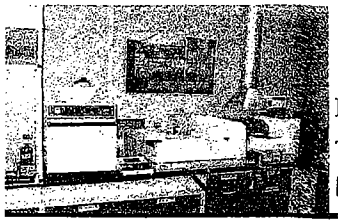
The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

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

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

SAMPLING



Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: DOUG GUENTHER
Phone: 732-532-0986
)DERA ( )OMA ( )Other:_____

Project No:
Location: 1ST QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK/TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA +15								Comments: Remarks / Preservation Method
29.01	CW-1(2700) TRIP BLANK	1-12-06	8:15	AQ	2	X								
.02	CW-1(2700) FIELD BLANK	1-12-06	11:00	AQ	2	X								
.03	CW-1 (2700) DUP.	1-12-06	—	AQ	2	X								
.04	CW-1 (2700) MW#26	1-12-06	11:20	AQ	2	X								29-32590
.05	CW-1(2700) MW#27	1-12-06	11:30	AQ	2	X								29-32591
.06	CW-1 (2700) MW#28	1-12-06	11:50	AQ	2	X								29-32592
.07	CW-1(2700) MW#29	1-12-06	13:40	AQ	2	X								29-32593
.08	CW-1(2700) MW#30	1-12-06	14:10	AQ	2	X								29-43188
.09	CW-1(2700) MW#31	1-12-06	14:00	AQ	2	X								29-43189
.10	CW-1 (2700) MW#32	1-12-06	15:20	AQ	2	X								29-43190
.11	CW-1 (2700) MW#34	1-12-06	15:00	AQ	2	X								29-43192
.12	CW-1 (2700) MW#35	1-12-06	15:40	AQ	2	X								29-43193
.13	CW-1(2700) MW#40	1-12-06	15:00	AQ	2	X								29-43187
.14	CW-1(2700) MW#281	1-12-06	14:20	AQ	2	X								29-35312

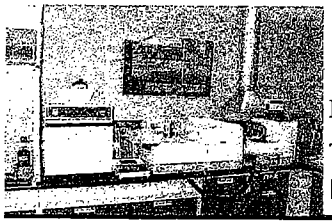
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	1-13-06 730	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

print legibly

COC.XLS10/11/2005



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: DOUG GUENTHER
Phone: 732-532-0986
)DERA ( )OMA ( )Other:_____

Project No:
Location: 1ST QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: WALTER FUNK/TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15								Comments: Remarks / Preservation Method
00029 .15	CW-1(2700) MW#291	1-12-06	15:50	AQ	2	X								29-35314

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	1-13-06 7:40	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

print legibly

COC.XLS10/11/2005

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: 01/12/06
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: 8.37 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.52 ft
(8.52) X .65 X 3 = 16.61
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 10:02
pH 4.52 su
DISSOLVED O_2 10.03 mg/L
TEMP 12.26 °C
SPECIFIC CONDUCTIVITY 1266.0 µs/cm

PURGE END TIME: 11:16
pH 4.59 su
DISSOLVED O_2 9.81 mg/L
TEMP 13.30 °C
SPECIFIC CONDUCTIVITY 1471.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.76 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 11:20
pH 4.43 su
DISSOLVED O_2 9.28 mg/L
TEMP 13.27 °C
SPECIFIC CONDUCTIVITY 1505.0 µs/cm

SAMPLE END TIME: 11:20

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: 01/12/06
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: 8.07 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.82 ft
(8.82) X .65 X 3 = 17.19
GALLONS OF H_2O TO BE PURGED: 18 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 10:07
pH 4.75 su
TEMP 13.22 °C
DISSOLVED O_2 9.44 mg/L
SPECIFIC CONDUCTIVITY 1234.0 µs/cm

PURGE END TIME: 11:25
pH 4.60 su
TEMP 14.26 °C
DISSOLVED O_2 8.90 mg/L
SPECIFIC CONDUCTIVITY 2712.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.32 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 18 gal

SAMPLE START TIME: 11:30
pH 4.54 su
TEMP 13.95 °C
DISSOLVED O_2 8.72 mg/L
SPECIFIC CONDUCTIVITY 2918.0 µs/cm

SAMPLE END TIME: 11:30

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: 01/12/06
WEATHER: Sunny 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: 6.35 ft
DEPTH OF WELL: 16.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.58 ft
(10.58) X .65 X 3 = 20.63
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: 0.00 ppm

PURGE START TIME: 10:12
pH 4.63 su
DISSOLVED O_2 9.73 mg/L
TEMP 14.04 °C
SPECIFIC CONDUCTIVITY 1184.0 µs/cm

PURGE END TIME: 11:43
pH 4.63 su
DISSOLVED O_2 9.33 mg/L
TEMP 14.84 °C
SPECIFIC CONDUCTIVITY 2242.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.52 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 11:50
pH 4.54 su
DISSOLVED O_2 9.11 mg/L
TEMP 14.84 °C
SPECIFIC CONDUCTIVITY 2303.0 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: 01/12/06
WEATHER: Sunny 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: 6.06 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.81 ft
(10.81) X .65 X 3 = 21.07
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: 0.00 ppm

PURGE START TIME: 12:05
pH 5.44 su
DISSOLVED O_2 7.08 mg/L
TEMP 14.44 °C
SPECIFIC CONDUCTIVITY 2982.0 µs/cm

PURGE END TIME: 13:38
pH 5.13 su
DISSOLVED O_2 8.09 mg/L
TEMP 14.32 °C
SPECIFIC CONDUCTIVITY 2991.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.27 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 13:40
pH 5.46 su
DISSOLVED O_2 6.23 mg/L
TEMP 14.39 °C
SPECIFIC CONDUCTIVITY 2888.0 µs/cm

SAMPLE END TIME: 13:40

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: 01/12/06
WEATHER: Sunny 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: 9.03 ft
DEPTH OF WELL: 21.45 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.42 ft
(12.42) X .65 X 3 = 24.21
GALLONS OF H_2O TO BE PURGED: 25 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 12:09
pH 4.65 su — TEMP 14.49 °C
DISSOLVED O_2 9.48 mg/L — SPECIFIC CONDUCTIVITY 2804.0 µs/cm

PURGE END TIME: 13:58
pH 4.27 su — TEMP 15.06 °C
DISSOLVED O_2 8.32 mg/L — SPECIFIC CONDUCTIVITY 2720.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.21 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 25 gal

SAMPLE START TIME: 14:10
pH 4.29 su — TEMP 14.71 °C
DISSOLVED O_2 9.12 mg/L — SPECIFIC CONDUCTIVITY 2792.0 µs/cm

SAMPLE END TIME: 14:10

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: 01/12/06
WEATHER: Sunny 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: 9.38 ft
DEPTH OF WELL: 21.73 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.35 ft
(12.35) X .65 X 3 = 24.08
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 12:13
pH 4.49 su — TEMP 14.25 °C
DISSOLVED O_2 9.66 mg/L — SPECIFIC CONDUCTIVITY 1784.0 µs/cm

PURGE END TIME: 13:57
pH 4.58 su — TEMP 14.32 °C
DISSOLVED O_2 9.52 mg/L — SPECIFIC CONDUCTIVITY 1620.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.47 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 14:00
pH 4.37 su — TEMP 13.83 °C
DISSOLVED O_2 9.48 mg/L — SPECIFIC CONDUCTIVITY 1656.0 µs/cm

SAMPLE END TIME: 14:00

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: 01/12/06
WEATHER: Sunny 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: 10.82 ft
DEPTH OF WELL: 21.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.98 ft
(10.98) X .65 X 3 = 21.41
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: 0.00 ppm

PURGE START TIME: 13:44
pH 4.76 su — TEMP 15.27 °C
DISSOLVED O_2 8.24 mg/L — SPECIFIC CONDUCTIVITY 1765.0 µs/cm

PURGE END TIME: 15:20
pH 5.61 su — TEMP 14.93 °C
DISSOLVED O_2 9.28 mg/L — SPECIFIC CONDUCTIVITY 2197.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.01 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 15:20
pH 5.35 su — TEMP 14.83 °C
DISSOLVED O_2 8.44 mg/L — SPECIFIC CONDUCTIVITY 2179.0 µs/cm

SAMPLE END TIME: 15:20

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: 01/12/06
WEATHER: Sunny 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: 8.21 ft
DEPTH OF WELL: 19.46 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.25 ft
(11.25) X .65 X 3 = 21.93
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: 0.00 ppm

PURGE START TIME: 14:15
pH 4.82 su — TEMP 16.99 °C
DISSOLVED O_2 8.35 mg/L — SPECIFIC CONDUCTIVITY 1548.0 µs/cm

PURGE END TIME: 15:51
pH 5.17 su — TEMP 16.72 °C
DISSOLVED O_2 8.89 mg/L — SPECIFIC CONDUCTIVITY 1912.0 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: 22 gal

SAMPLE START TIME: 16:00
pH 4.89 su — TEMP 16.84 °C
DISSOLVED O_2 8.60 mg/L — SPECIFIC CONDUCTIVITY 1871.0 µs/cm

SAMPLE END TIME: 16:00

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: 01/12/06
WEATHER: Sunny 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: 8.02 ft
DEPTH OF WELL: 16.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.46 ft
(8.46) X .65 X 3 = 16.49
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 14:21
pH 4.56 su — TEMP 16.30 °C
DISSOLVED O_2 8.13 mg/L — SPECIFIC CONDUCTIVITY 1397.0 µs/cm

PURGE END TIME: 15:35
pH 4.58 su — TEMP 15.68 °C
DISSOLVED O_2 8.28 mg/L — SPECIFIC CONDUCTIVITY 1807.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.24 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 15:40
pH 4.46 su — TEMP 15.67 °C
DISSOLVED O_2 7.30 mg/L — SPECIFIC CONDUCTIVITY 1811.0 µs/cm

SAMPLE END TIME: 15:40

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: 01/12/06
WEATHER: Sunny 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: 12.67 ft
DEPTH OF WELL: 48.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 35.83 ft
(35.83) X .65 X 3 = 69.86
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: 0.00 ppm

PURGE START TIME: 09:49
pH 5.37 su
DISSOLVED O_2 6.10 mg/L
TEMP 13.58 °C
SPECIFIC CONDUCTIVITY 793.0 µs/cm

PURGE END TIME: 14:53
pH 5.68 su
DISSOLVED O_2 3.53 mg/L
TEMP 15.22 °C
SPECIFIC CONDUCTIVITY 2926.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.26 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 70 gal

SAMPLE START TIME: 15:00
pH 5.63 su
DISSOLVED O_2 0.84 mg/L
TEMP 15.28 °C
SPECIFIC CONDUCTIVITY 2923.0 µs/cm

SAMPLE END TIME: 15:00

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: 01/12/06
WEATHER: Sunny 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: 11.11 ft
DEPTH OF WELL: 43.20 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 32.09 ft
(32.09) X .65 X 3 = 62.57
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: 0.00 ppm

PURGE START TIME: 09:41
pH 3.88 su
DISSOLVED O_2 3.96 mg/L
TEMP 14.91 °C
SPECIFIC CONDUCTIVITY 632.0 µs/cm

PURGE END TIME: 14:15
pH 5.67 su
DISSOLVED O_2 3.26 mg/L
TEMP 15.57 °C
SPECIFIC CONDUCTIVITY 2581.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.68 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 63 gal

SAMPLE START TIME: 14:20
pH 5.95 su
DISSOLVED O_2 0.68 mg/L
TEMP 15.51 °C
SPECIFIC CONDUCTIVITY 2635.0 µs/cm

SAMPLE END TIME: 14:20

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: 01/12/06
WEATHER: Sunny 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: 10.75 ft
DEPTH OF WELL: 18.18 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.43 ft
(7.43) X .65 X 3 = 14.48
GALLONS OF H_2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 14:37
pH 6.01 su
TEMP 13.99 °C
DISSOLVED O_2 9.03 mg/L
SPECIFIC CONDUCTIVITY 2868.0 µs/cm

PURGE END TIME: 15:42
pH 5.50 su
TEMP 13.69 °C
DISSOLVED O_2 9.13 mg/L
SPECIFIC CONDUCTIVITY 3037.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.89 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 15:50
pH 5.58 su
TEMP 13.65 °C
DISSOLVED O_2 8.78 mg/L
SPECIFIC CONDUCTIVITY 3040.0 µs/cm

SAMPLE END TIME: 15:50

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	VB021428.D	Sample Name	MB 24Jan2006
Operator	Skelton	Field ID	MB 24Jan2006
Date Acquired	24 Jan 2006 3:34 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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 24Jan2006**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 24Jan2006

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021428.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. Date Analyzed: 1/24/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021454.D	Sample Name	MB 25Jan2006
Operator	Skelton	Field ID	MB 25Jan2006
Date Acquired	25 Jan 2006 5:20 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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 25Jan2006**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 25Jan2006

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021454.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. Date Analyzed: 1/25/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021429.D	Sample Name	6002901
Operator	Skelton	Field ID	Trip Blank
Date Acquired	24 Jan 2006 4:14 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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2/23/2006 10:42 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6002901

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021429.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. _____ Date Analyzed: 1/24/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021430.D	Sample Name	6002902
Operator	Skelton	Field ID	Field Blank
Date Acquired	24 Jan 2006 4:56 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6002902

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021430.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. Date Analyzed: 1/24/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021431.D	Sample Name	6002903
Operator	Skelton	Field ID	Dupe
Date Acquired	24 Jan 2006 5:36 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane	17.21	20141	0.40 ug/L	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.57	59129	1.64 ug/L	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6002903

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021431.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. _____ Date Analyzed: 1/24/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021432.D	Sample Name	6002904
Operator	Skelton	Field ID	CW1MW#26
Date Acquired	24 Jan 2006 6:17 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane	17.21	21629	0.42 ug/L	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.56	61205	1.68 ug/L	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#26**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6002904

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021432.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. _____ Date Analyzed: 1/24/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021433.D	Sample Name	6002905
Operator	Skelton	Field ID	CW1MW#27
Date Acquired	24 Jan 2006 6:58 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane	17.22	34764	0.71 ug/L	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.56	59014	1.74 ug/L	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#27**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6002905

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021433.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. _____ Date Analyzed: 1/24/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021455.D	Sample Name	6002906
Operator	Skelton	Field ID	CW1MW#28
Date Acquired	25 Jan 2006 6:01 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.57	66849	2.30 ug/L	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#28**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6002906

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021455.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. Date Analyzed: 1/25/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021435.D	Sample Name	6002907
Operator	Skelton	Field ID	CW1MW#29
Date Acquired	24 Jan 2006 8:20 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.56	89479	2.57 ug/L	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#29**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6002907

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021435.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. Date Analyzed: 1/24/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021436.D	Sample Name	6002908
Operator	Skelton	Field ID	CW1MW#30
Date Acquired	24 Jan 2006 9:01 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#30**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6002908

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021436.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. Date Analyzed: 1/24/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021437.D	Sample Name	6002909
Operator	Skelton	Field ID	CW1MW#31
Date Acquired	24 Jan 2006 9:43 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.57	12074	0.36 ug/L	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#31**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6002909

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021437.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. _____ Date Analyzed: 1/24/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021438.D	Sample Name	6002910
Operator	Skelton	Field ID	CW1MW#32
Date Acquired	24 Jan 2006 10:24 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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2/23/2006 10:43 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#32**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6002910

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021438.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. _____ Date Analyzed: 1/24/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021456.D	Sample Name	6002911
Operator	Skelton	Field ID	CW1MW#34
Date Acquired	25 Jan 2006 6:42 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#34**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6002911

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021456.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. Date Analyzed: 1/25/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021440.D	Sample Name	6002912
Operator	Skelton	Field ID	CW1MW#35
Date Acquired	24 Jan 2006 11:47 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#35**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6002912

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021440.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. Date Analyzed: 1/24/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021457.D	Sample Name	6002913
Operator	Skelton	Field ID	CW1MW#40
Date Acquired	25 Jan 2006 7:23 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#40**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6002913

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021457.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. _____ Date Analyzed: 1/25/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021458.D	Sample Name	6002914
Operator	Skelton	Field ID	CW1MW#281
Date Acquired	25 Jan 2006 8:04 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.57	368171	11.49 ug/L	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#281**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6002914

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021458.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. Date Analyzed: 1/25/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB021459.D	Sample Name	6002915
Operator	Skelton	Field ID	CW1MW#291
Date Acquired	25 Jan 2006 8:45 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#291**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60029 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6002915

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB021459.D

Level: (low/med) LOW Date Received: 1/13/2006

% Moisture: not dec. Date Analyzed: 1/25/2006

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

Soil Extract Volume: (uL) Soil 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	1,1,1-Tri chloro ethane	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	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	1.10	ND	8.61							V,S,P,M
08/13/1998	FMETL	ND	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	ND	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
04/28/2005	FMETL	ND	ND	10.89							V
06/23/2005	FMETL	ND	ND	9.04							V
07/21/2005	FMETL	ND	ND	9.02							V
08/30/2005	FMETL	ND	ND	9.38							V
10/20/2005	FMETL	1.79	ND	8.01							V

SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 01/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

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

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	30	-							-
12/09/2005	FMETL	2.69	0.44	8.58							V
01/12/2006	FMETL	1.68	0.42	8.37							V

SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 01/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

FORT MONMOUTH

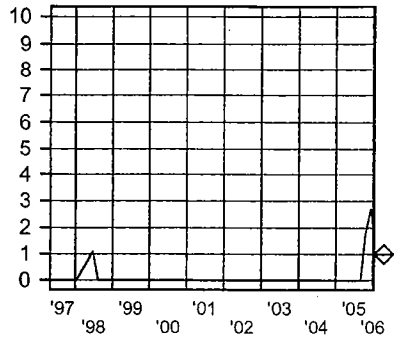
GW MONITORING
CW-1

Source 1 of 18 (cont.)

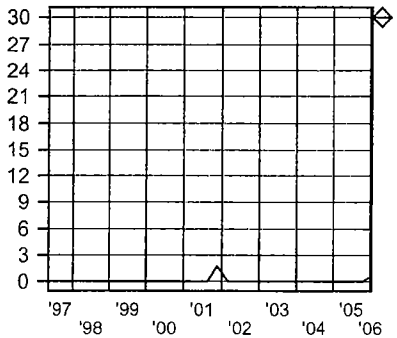
Ag > GW Criteria in blank for samples taken 7/97.

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

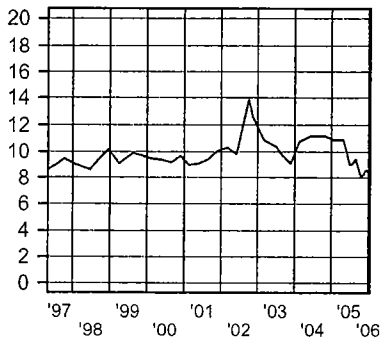
Trichloroethene
(ug/l)



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



Depth to Water
(Feet)



SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 01/12/2006

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	1,1,1-Tri chloro ethane	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	30	-							-
04/23/1997	FMETL	ND	ND	8.60							V,S,P,M
07/07/1997	FMETL	ND	ND	9.00							V,S,P,M
10/01/1997	FMETL	ND	ND	9.50							V,S,P,M
01/06/1998	FMETL	ND	ND	8.95							V,S,P,M
06/16/1998	FMETL	ND	ND	8.38							V,S,P,M
08/13/1998	FMETL	ND	ND	8.98							V,S,P,M
12/15/1998	FMETL	ND	ND	10.13							V,S,P,M
03/23/1999	FMETL	ND	ND	8.93							V,S,P,M
05/27/1999	FMETL	ND	ND	9.30							V,S,P,M
08/11/1999	FMETL	ND	ND	9.84							V,S,P,M
11/10/1999	FMETL	ND	ND	9.66							V,S,P,M
02/16/2000	FMETL	ND	ND	9.37							V,S,P,M
05/17/2000	FMETL	ND	ND	9.24							V,S,P,M
08/23/2000	FMETL	1.46	ND	9.52							V,S,P,M
11/27/2000	FMETL	ND	ND	9.58							V,S,P,M
02/15/2001	FMETL	ND	ND	8.84							V,S,P,M
05/24/2001	FMETL	ND	ND	8.89							V,S,P,M
08/22/2001	FMETL	ND	ND	9.20							V,S,P,M
11/16/2001	FMETL	ND	3.06	10.00							V,S,P,M
02/28/2002	FMETL	7.14	4.48	10.25							V,S,P,M
05/31/2002	FMETL	ND	ND	9.70							V,S,P,M
09/30/2002	FMETL	ND	ND	13.77							V,S,P,M
11/12/2002	FMETL	ND	ND	12.48							V,S,P,M
02/25/2003	FMETL	ND	ND	10.52							V,S,P,M
06/26/2003	FMETL	ND	ND	10.25							V
08/06/2003	FMETL	ND	1.11	9.62							V
11/18/2003	FMETL	ND	4.21	8.91							V
02/11/2004	FMETL	ND	0.48	10.54							V,M
05/24/2004	FMETL	ND	ND	11.04							V
07/15/2004	FMETL	ND	ND	11.05							V
10/22/2004	FMETL	ND	ND	11.05							V
01/26/2005	FMETL	ND	ND	10.76							V
04/28/2005	FMETL	ND	ND	10.83							V
06/23/2005	FMETL	1.13	ND	8.85							V
07/21/2005	FMETL	2.26	ND	8.84							V
08/30/2005	FMETL	2.92	ND	9.23							V
10/20/2005	FMETL	12.81	ND	7.73							V
12/09/2005	METL	2.03	0.89	8.31							V
01/12/2006	FMETL	1.74	0.71	8.07							V

SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 01/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

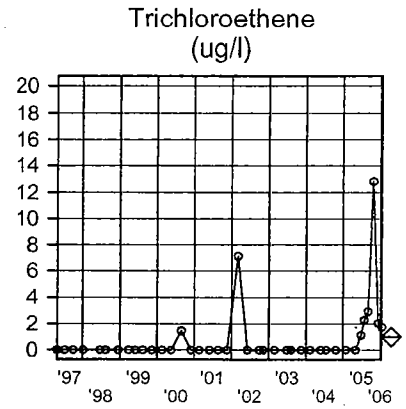
FORT MONMOUTH

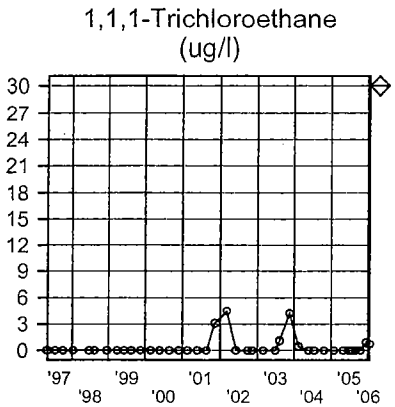
GW MONITORING
CW-1

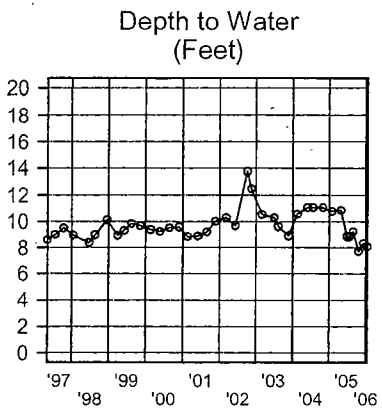
Source 2 of 18

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 - 01/12/2006

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

02-23-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	30	-							-
04/23/1997	FMETL	ND	ND	9.05							V,S,P,M
07/07/1997	FMETL	ND	ND	9.20							V,S,P,M
10/01/1997	FMETL	59.4	ND	9.70							V,S,P,M
01/06/1998	FMETL	27.7	ND	9.40							V,S,P,M
06/16/1998	FMETL	ND	ND	8.84							V,S,P,M
08/13/1998	FMETL	ND	ND	9.51							V,S,P,M
12/15/1998	FMETL	33.9	ND	10.63							V,S,P,M
03/23/1999	FMETL	7.15	ND	9.38							V,S,P,M
05/27/1999	FMETL	3.10	ND	9.79							V,S,P,M
08/11/1999	FMETL	297.82	ND	10.32							V,S,P,M
11/10/1999	FMETL	174.48	ND	10.13							V,S,P,M
02/16/2000	FMETL	103.32	ND	9.84							V,S,P,M
05/17/2000	FMETL	8.48	ND	9.75							V,S,P,M
08/23/2000	FMETL	43.36	ND	9.06							V,S,P,M
11/27/2000	FMETL	70.95	ND	10.02							V,S,P,M
02/15/2001	FMETL	9.23	ND	9.31							V,S,P,M
05/24/2001	FMETL	ND	2.83	9.36							V,S,P,M
08/22/2001	FMETL	3.32	ND	9.77							V,S,P,M
11/16/2001	FMETL	26.20	ND	10.49							V,S,P,M
09/30/2002	FMETL	ND	ND	13.62							V
06/26/2003	FMETL	ND	ND	10.11							V
08/06/2003	FMETL	1.18	ND	7.95							V
11/18/2003	FMETL	2.08	ND	7.98							V
02/11/2004	FMETL	ND	ND	9.88							V,M
05/24/2004	FMETL	ND	ND	10.65							V
07/15/2004	FMETL	ND	ND	10.58							V
10/22/2004	FMETL	ND	ND	10.71							V
01/26/2005	FMETL	1.61	ND	10.12							V
04/28/2005	FMETL	0.88	ND	9.63							V
06/23/2005	FMETL	0.83	ND	7.16							V
07/21/2005	FMETL	1.31	ND	7.14							V
08/30/2005	FMETL	3.05	ND	7.51							V
10/20/2005	FMETL	9.76	ND	6.01							V
12/09/2005	FMETL	4.88	ND	6.62							V
01/12/2006	FMETL	2.30	ND	6.35							V

SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 01/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

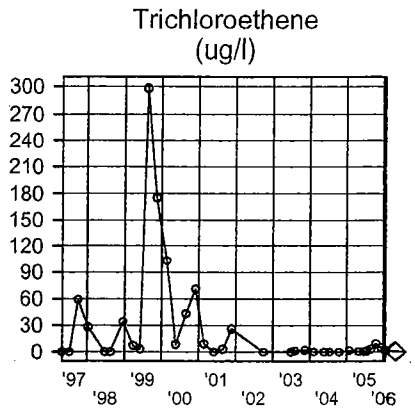
FORT MONMOUTH

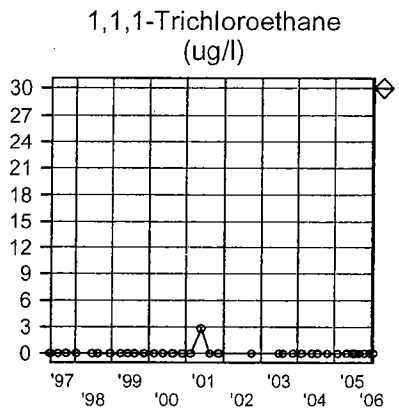
GW MONITORING
CW-1

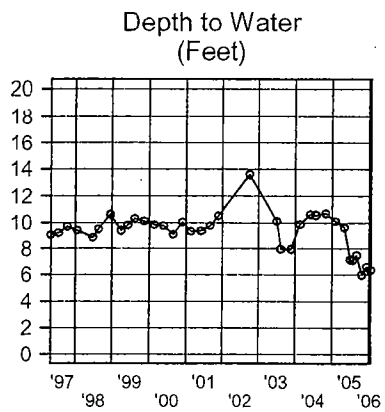
Source 3 of 18

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 - 01/12/2006

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	1,1,1-Tri chloro ethane	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	30	-							-
04/23/1997	FMETL	3200	ND	8.90							V,S,P,M
07/07/1997	FMETL	4900	ND	9.30							V,S,P,M
10/01/1997	FMETL	7820	ND	9.98							V,S,P,M
01/06/1998	FMETL	1705	ND	9.10							V,S,P,M
06/16/1998	FMETL	83.11	ND	8.67							V,S,P,M
08/13/1998	FMETL	498	ND	9.26							V,S,P,M
12/12/1998	FMETL	374.58	ND	10.30							V,S,P,M
03/23/1999	FMETL	1342	ND	9.90							V,S,P,M
05/27/1999	FMETL	950.05	ND	9.59							V,S,P,M
08/11/1999	FMETL	288.11	ND	10.00							V,S,P,M
11/10/1999	FMETL	62.96	ND	9.81							V,S,P,M
02/16/2000	FMETL	41.51	ND	9.54							V,S,P,M
05/17/2000	FMETL	357.72	ND	9.47							V,S,P,M
08/23/2000	FMETL	263.49	ND	9.24							V,S,P,M
11/27/2000	FMETL	54.06	ND	9.71							V,S,P,M
02/15/2001	FMETL	1951.41	ND	9.09							V,S,P,M
05/24/2001	FMETL	470.48	ND	9.14							V,S,P,M
08/22/2001	FMETL	2040.65	ND	9.44							V,S,P,M
11/16/2001	FMETL	67.36	3.02	10.08							V,S,P,M
09/30/2002	FMETL	ND	ND	12.91							V
06/26/2003	FMETL	ND	ND	9.63							V
08/06/2003	FMETL	ND	ND	7.55							V
11/18/2003	FMETL	ND	ND	7.85							V
02/11/2004	FMETL	ND	ND	9.45							V,M
05/24/2004	FMETL	7.17	ND	10.45							V
07/15/2004	FMETL	17.49	ND	9.82							V
10/22/2004	FMETL	ND	ND	10.2							V
01/26/2005	FMETL	0.62	ND	9.50							V
04/28/2005	FMETL	ND	ND	9.57							V
04/28/2005	FMETL	ND	ND	10.78							V
06/23/2005	FMETL	1.48	ND	6.72							V
07/21/2005	FMETL	1.74	ND	6.70							V
08/30/2005	FMETL	4.59	ND	7.07							V
10/20/2005	FMETL	3.75	ND	5.65							V
12/09/2005	FMETL	20.16	3.42	6.26							V
01/12/2006	FMETL	2.57	ND	6.06							V

SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 01/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

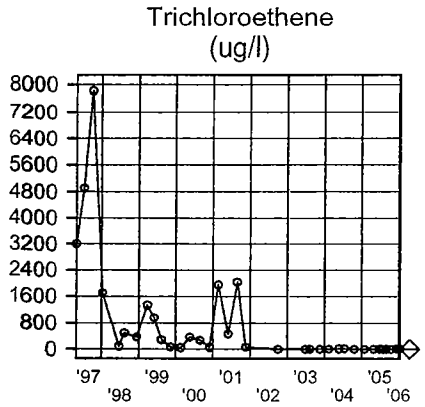
FORT MONMOUTH

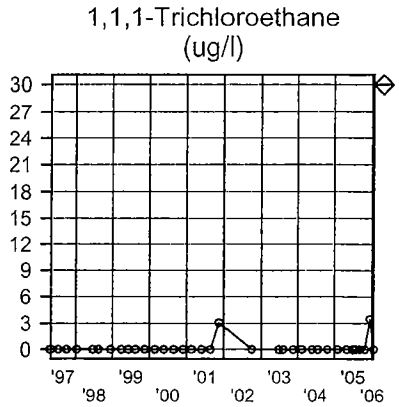
GW MONITORING
CW-1

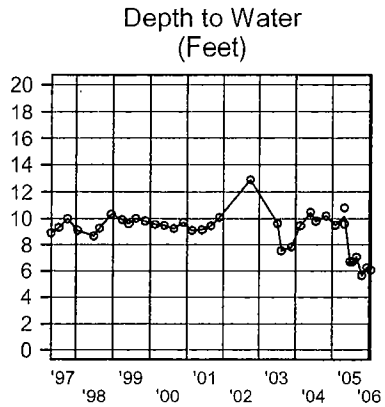
Source 4 of 18

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 - 01/12/2006

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

02-23-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	30	-							-
11/27/2000	FMETL	ND	ND	10.73							V,S,P,M
02/15/2001	FMETL	ND	ND	9.91							V,S,P,M
05/24/2001	FMETL	ND	ND	9.89							V,S,P,M
08/22/2001	FMETL	1.36	ND	10.41							V,S,P,M
11/16/2001	FMETL	ND	ND	11.26							V,S,P,M
02/28/2002	FMETL	ND	ND	11.59							V,S,P,M
05/31/2002	FMETL	ND	ND	10.96							V,S,P,M
09/30/2002	FMETL	ND	ND	13.25							V,S,P,M
11/12/2002	FMETL	ND	ND	12.27							V,S,P,M
02/25/2003	FMETL	ND	ND	10.81							V,S,P,M
06/26/2003	FMETL	ND	ND	10.11							V
08/06/2003	FMETL	ND	ND	9.52							V
11/18/2003	FMETL	ND	ND	10.10							V
02/11/2004	FMETL	ND	ND	10.54							V,M
05/24/2004	FMETL	ND	ND	10.97							V
07/15/2004	FMETL	ND	ND	11.18							V
10/22/2004	FMETL	ND	ND	11.29							V
01/26/2005	FMETL	ND	ND	10.94							V
06/23/2005	FMETL	ND	ND	10.02							V
07/21/2005	FMETL	ND	ND	10.04							V
08/30/2005	FMETL	ND	ND	10.51							V
10/20/2005	FMETL	ND	ND	8.74							V
12/12/2005	FMETL	ND	ND	9.32							V
01/12/2006	FMETL	ND	ND	9.03							V

SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 01/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

FORT MONMOUTH

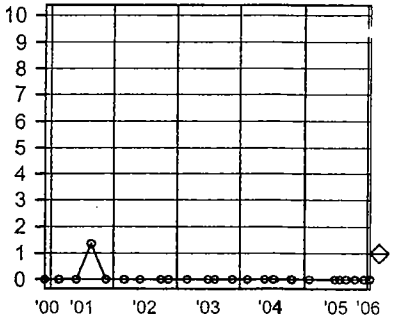
GW MONITORING
CW-1

Source 8 of 18

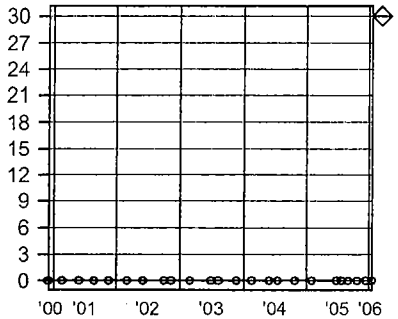
Ag > GW Criteria in blank for samples taken 7/97.

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

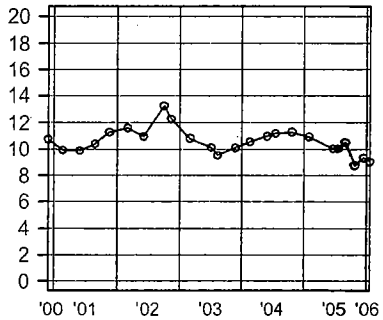
Trichloroethene
(ug/l)



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



Depth to Water
(Feet)



SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 01/12/2006

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	1,1,1-Tri chloro ethane	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	30	-							-
11/27/2000	FMETL	139.49	ND	10.46							V,S,P,M
02/15/2001	FMETL	29.68	ND	9.96							V,S,P,M
05/24/2001	FMETL	ND	ND	10.10							V,S,P,M
05/24/2001D	FMETL	ND	ND	10.10							V,S,P,M
08/22/2001	FMETL	ND	1.86	10.31							V,S,P,M
11/16/2001	FMETL	358.39	2.81	10.90							V,S,P,M
11/16/2001D	FMETL	472.71	2.08	10.90							V,S,P,M
02/28/2002	FMETL	ND	2.25	11.09							V,S,P,M
05/31/2002	FMETL	ND	4.57	10.61							V,S,P,M
09/30/2002	FMETL	ND	ND	13.68							V,S,P,M
11/12/2002	FMETL	ND	ND	12.58							V,S,P,M
02/25/2003	FMETL	1.39	0.69	11.43							V,S,P,M
06/26/2003	FMETL	5.07	1.34	10.78							V
08/06/2003	FMETL	ND	ND	10.75							V
11/18/2003	FMETL	0.81	ND	10.00							V
02/11/2004	FMETL	ND	ND	11.16							V,M
05/24/2004	FMETL	ND	ND	11.51							V
07/15/2004	FMETL	ND	ND	11.55							V
10/22/2004	FMETL	ND	ND	11.45							V
01/26/2005	FMETL	ND	ND	11.31							V
04/28/2005	FMETL	ND	ND	11.32							V
06/23/2005	FMETL	ND	ND	9.96							V
07/22/2005	FMETL	ND	ND	9.93							V
08/30/2005	FMETL	ND	ND	10.30							V
10/20/2005	FMETL	ND	ND	8.96							V
12/12/2005	FMETL	0.78	ND	9.44							V
01/12/2006	FMETL	0.36	ND	9.38							V

SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 01/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

FORT MONMOUTH

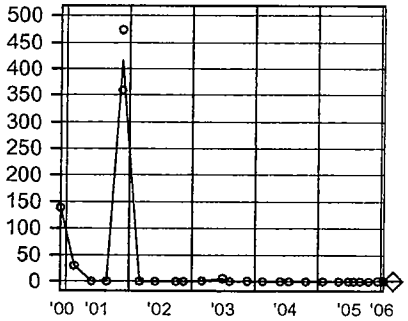
GW MONITORING
CW-1

Source 9 of 18

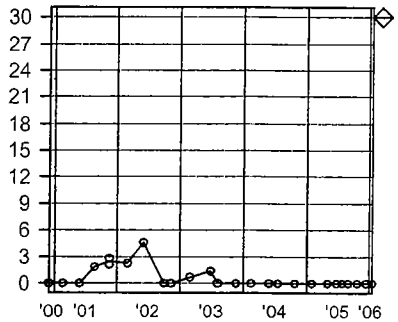
Ag > GW Criteria in blank for samples taken 7/97.

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

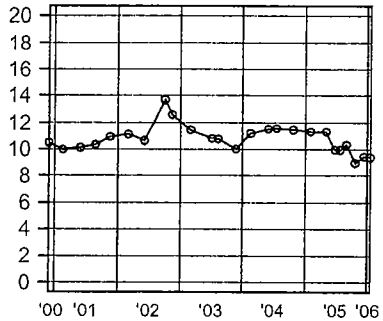
Trichloroethene
(ug/l)



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



Depth to Water
(Feet)



SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 01/12/2006

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	1,1,1-Tri chloro ethane	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	30	-							-
11/27/2000	FMETL	51.33	ND	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
01/26/2005	FMETL	ND	ND	11.89							V
04/28/2005	FMETL	ND	ND	11.86							V
06/23/2005	FMETL	ND	ND	11.25							V
07/22/2005	FMETL	ND	ND	11.21							V
08/30/2005	FMETL	ND	ND	11.55							V
10/20/2005	FMETL	ND	ND	10.40							V
12/12/2005	FMETL	ND	ND	10.82							V
01/12/2006	FMETL	ND	ND	10.82							V

SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 01/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

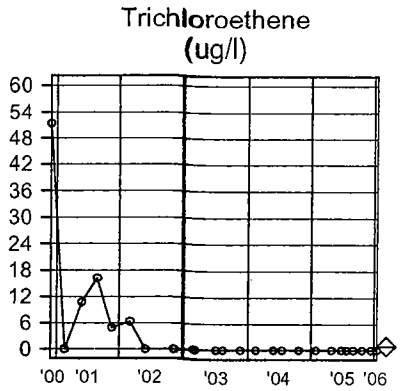
FORT MONMOUTH

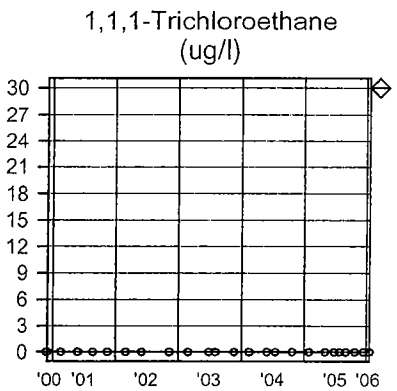
GW MONITORING
CW-1

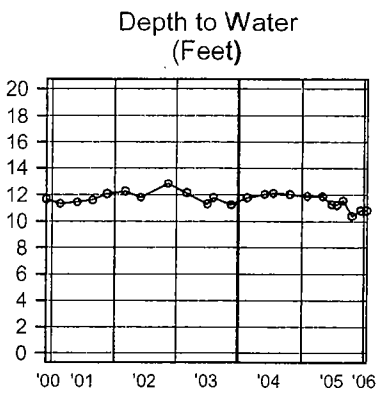
Source 10 of 18

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 - 01/12/2006

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	1,1,1-Tri chloro ethane	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	30	-							-
11/27/2000	FMETL	ND	ND	8.01							V,S,P,M
02/15/2001	FMETL	ND	ND	8.55							V,S,P,M
05/31/2001	FMETL	ND	ND	8.72							V,S,P,M
08/24/2001	FMETL	ND	ND	8.83							V,S,P,M
11/16/2001	FMETL	ND	ND	9.20							V,S,P,M
02/28/2002	FMETL	ND	ND	9.34							V,S,P,M
05/31/2002	FMETL	ND	ND	9.03							V,S,P,M
09/30/2002	FMETL	ND	ND	10.50							V,S,P,M
11/12/2002	FMETL	ND	ND	9.34							V,S,P,M
02/25/2003	FMETL	ND	ND	8.71							V,S,P,M
06/26/2003	FMETL	ND	ND	8.32							V
08/06/2003	FMETL	ND	ND	8.74							V
11/18/2003	FMETL	ND	ND	8.56							V
02/11/2004	FMETL	ND	ND	8.70							V,M
05/24/2004	FMETL	ND	ND	8.82							V
07/15/2004	FMETL	ND	ND	8.90							V
10/22/2004	FMETL	ND	ND	8.93							V
01/27/2005	FMETL	ND	ND	8.86							V
04/29/2005	FMETL	ND	ND	8.74							V
06/24/2005	FMETL	ND	ND	8.59							V
07/22/2005	FMETL	ND	ND	8.55							V
08/30/2005	FMETL	ND	ND	8.81							V
10/20/2005	FMETL	ND	ND	7.98							V
12/12/2005	FMETL	ND	ND	8.25							V
01/12/2006	FMETL	ND	ND	8.21							V

SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 01/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

FORT MONMOUTH

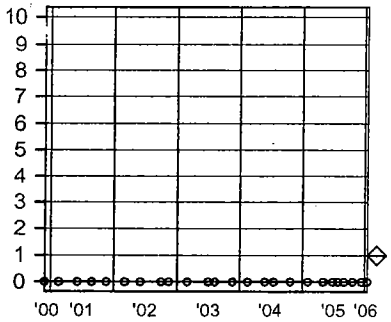
GW MONITORING
CW-1

Source 12 of 18

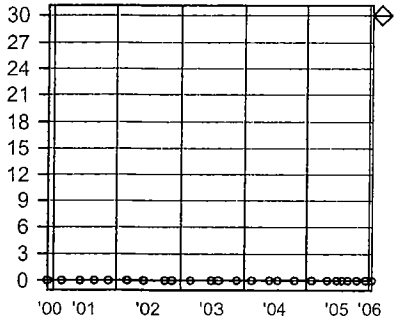
Ag > GW Criteria in blank for samples taken 7/97.

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

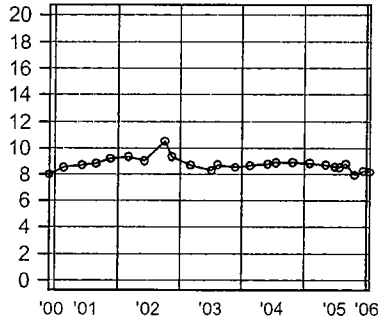
Trichloroethene
(ug/l)



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



Depth to Water
(Feet)



SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 01/12/2006

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	1,1,1-Tri chloro ethane	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	30	-							-
11/28/2000	FMETL	ND	ND	8.55							V,S,P,M
02/15/2001	FMETL	ND	ND	8.41							V,S,P,M
05/31/2001	FMETL	ND	ND	8.45							V,S,P,M
08/24/2001	FMETL	ND	ND	8.45							V,S,P,M
11/27/2001	FMETL	ND	ND	8.80							V,S,P,M
02/28/2002	FMETL	ND	ND	8.88							V,S,P,M
05/31/2002	FMETL	ND	ND	8.61							V,S,P,M
09/30/2002	FMETL	ND	ND	9.50							V,S,P,M
11/12/2002	FMETL	ND	ND	8.85							V,S,P,M
02/25/2003	FMETL	ND	ND	8.51							V,S,P,M
06/26/2003	FMETL	ND	ND	8.00							V
08/06/2003	FMETL	ND	ND	8.37							V
11/18/2003	FMETL	ND	ND	8.25							V
02/11/2004	FMETL	ND	ND	8.40							V,M
05/24/2004	FMETL	ND	ND	8.41							V
07/15/2004	FMETL	ND	ND	8.48							V
10/22/2004	FMETL	ND	ND	8.51							V
01/27/2005	FMETL	ND	ND	8.53							V
04/29/2005	FMETL	ND	ND	8.38							V
06/23/2005	FMETL	ND	ND	8.24							V
07/22/2005	FMETL	ND	ND	8.21							V
08/30/2005	FMETL	ND	ND	8.41							V
10/20/2005	FMETL	ND	ND	7.76							V
12/12/2005	FMETL	ND	ND	8.04							V
01/12/2006	FMETL	ND	ND	8.02							V

SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 01/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

FORT MONMOUTH

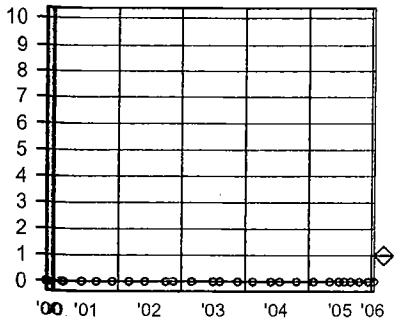
GW MONITORING
CW-1

Source 13 of 18

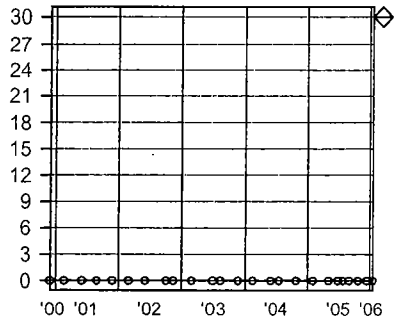
Ag > GW Criteria in blank for samples taken 7/97.

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

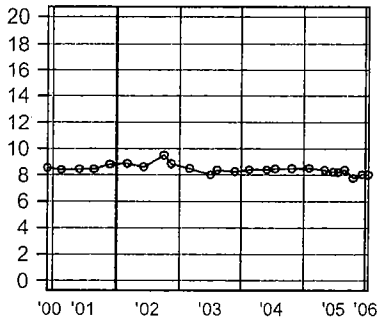
Trichloroethene
(ug/l)



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



Depth to Water
(Feet)



SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 01/12/2006

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	1,1,1-Tri chloro ethane	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	30	-							-
11/28/2000	FMETL	ND	ND	13.77							V,S,P,M
02/20/2001	FMETL	ND	ND	13.91							V,S,P,M
05/31/2001	FMETL	ND	ND	13.37							V,S,P,M
08/24/2001	FMETL	ND	ND	15.21							V,S,P,M
11/27/2001	FMETL	ND	ND	15.35							V,S,P,M
02/28/2002	FMETL	ND	ND	15.02							V,S,P,M
05/31/2002	FMETL	ND	ND	14.22							V,S,P,M
09/30/2002	FMETL	ND	ND	14.96							V,S,P,M
11/14/2002	FMETL	ND	ND	13.59							V,S,P,M
02/25/2003	FMETL	ND	ND	12.59							V,S,P,M
06/26/2003	FMETL	ND	ND	12.27							V
08/06/2003	FMETL	ND	ND	13.06							V
11/18/2003	FMETL	ND	ND	13.57							V
02/11/2004	FMETL	ND	ND	12.71							V,M
05/24/2004	FMETL	ND	ND	13.1							V
07/15/2004	FMETL	ND	ND	13.51							V
10/22/2004	FMETL	ND	ND	13.86							V
01/27/2005	FMETL	ND	ND	13.27							V
04/29/2005	FMETL	ND	ND	12.77							V
06/24/2005	FMETL	ND	ND	13.58							V
07/22/2005	FMETL	ND	ND	13.52							V
09/01/2005	FMETL	ND	ND	14.45							V
10/20/2005	FMETL	ND	ND	13.12							V
12/12/2005	FMETL	ND	ND	12.71							V
01/12/2006	FMETL	ND	ND	12.67							V

SOURCE: CW1MW040

Sampling Dates:
11/28/2000 - 01/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

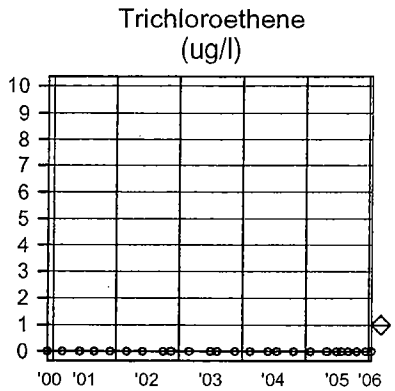
FORT MONMOUTH

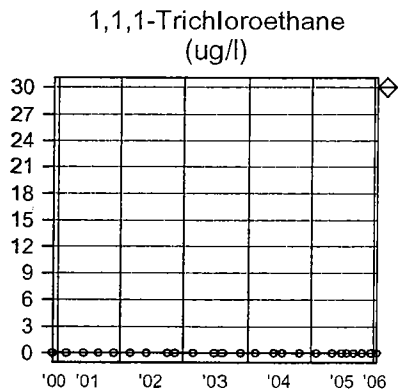
GW MONITORING
CW-1

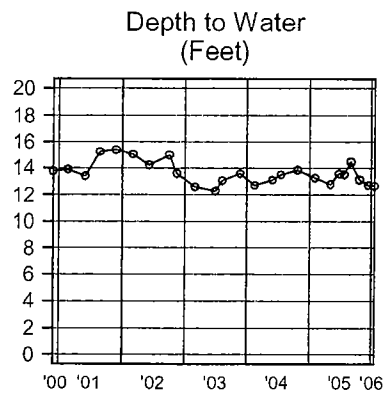
Source 18 of 18

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 - 01/12/2006

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	1,1,1-Tri chloro ethane	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	30	-							-
04/22/1997	FMETL	ND	ND	11.10							V,S,P,M
07/09/1997	FMETL	190	ND	12.30							V,S,P,M
10/02/1997	FMETL	42	ND	12.80							V,S,P,M
01/07/1998	FMETL	10.6	ND	10.80							V,S,P,M
06/18/1998	FMETL	27.96	ND	10.98							V,S,P,M
08/13/1998	FMETL	45	ND	12.57							V,S,P,M
12/15/1998	FMETL	6.1	ND	13.87							V,S,P,M
03/23/1999	FMETL	14.87	ND	11.25							V,S,P,M
05/27/1999	FMETL	12.08	ND	12.07							V,S,P,M
08/11/1999	FMETL	3.29	ND	13.75							V,S,P,M
11/10/1999	FMETL	6.19	ND	12.75							V,S,P,M
02/16/2000	FMETL	4.67	ND	11.96							V,S,P,M
02/16/2000D	FMETL	4.83	ND	11.96							V,S,P,M
05/17/2000	FMETL	5.51	ND	12.14							V,S,P,M
05/17/2000D	FMETL	5.18	ND	12.14							V,S,P,M
08/23/2000	FMETL	4.06	ND	12.05							V,S,P,M
11/28/2000	FMETL	ND	ND	12.32							V,S,P,M
02/20/2001	FMETL	ND	ND	11.79							V,S,P,M
02/20/2001	FMETL	ND	ND	11.79							V,S,P,M
05/31/2001	FMETL	ND	ND	12.55							V,S,P,M
08/24/2001	FMETL	1.19	ND	12.93							V,S,P,M
11/27/2001	FMETL	4.74	ND	13.87							V,S,P,M
11/27/2001D	FMETL	5.08	ND	13.87							V,S,P,M
02/28/2002	FMETL	13.80	ND	13.51							V,S,P,M
05/31/2002	FMETL	25.32	ND	12.70							V,S,P,M
09/30/2002	FMETL	6.16	ND	13.38							V,S,P,M
11/14/2002	FMETL	ND	ND	12.03							V,S,P,M
02/25/2003	FMETL	2.30	ND	11.00							V,S,P,M
06/26/2003	FMETL	ND	ND	10.69							V
08/06/2003	FMETL	1.74	ND	11.50							V
11/18/2003	FMETL	1.42	ND	12.05							V
02/11/2004	FMETL	3.48	ND	11.14							V,M
05/24/2004	FMETL	4.44	ND	11.51							V
07/15/2004	FMETL	20.50	ND	11.95							V
10/22/2004	FMETL	16.03	ND	12.31							V
01/27/2005	FMETL	7.38	ND	10.76							V
04/28/2005	FMETL	3.88	ND	11.16							V
06/24/2005	FMETL	10.49	ND	12.03							V
07/22/2005	FMETL	21.57	ND	11.96							V

SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 01/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

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

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	30	-							-
09/01/2005	FMETL	14.27	ND	13.11							V
10/20/2005	FMETL	18.39	ND	8.03							V
12/12/2005	FMETL	23.71	ND	11.16							V
01/12/2006	FMETL	11.49	ND	11.11							V

SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 01/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

FORT MONMOUTH

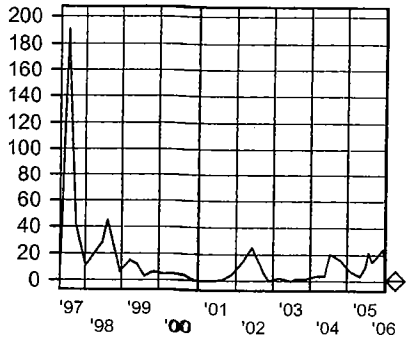
GW MONITORING
CW-1

Source 5 of 18 (cont.)

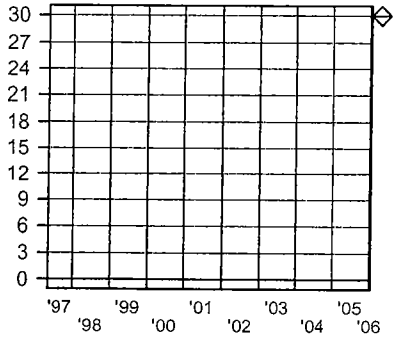
Ag > GW Criteria in blank for samples taken 7/97.

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

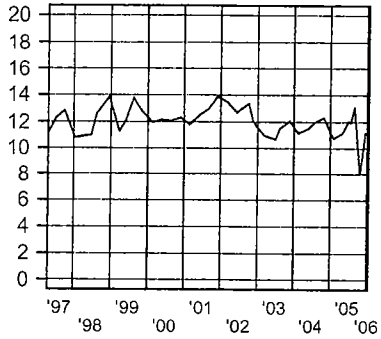
Trichloroethene
(ug/l)



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



Depth to Water
(Feet)



SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 01/12/2006

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	1,1,1-Tri chloro ethane	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	30	-							-
04/22/1997	FMETL	ND	ND	11.15							V,S,P,M
07/09/1997	FMETL	ND	ND	11.40							V,S,P,M
10/02/1997	FMETL	ND	ND	11.70							V,S,P,M
01/07/1998	FMETL	ND	ND	11.40							V,S,P,M
06/18/1998	FMETL	ND	ND	10.89							V,S,P,M
08/13/1998	FMETL	ND	ND	11.39							V,S,P,M
12/15/1998	FMETL	ND	ND	12.21							V,S,P,M
03/23/1999	FMETL	ND	ND	11.28							V,S,P,M
05/27/1999	FMETL	ND	ND	11.54							V,S,P,M
08/11/1999	FMETL	ND	ND	11.97							V,S,P,M
11/10/1999	FMETL	ND	ND	11.79							V,S,P,M
02/16/2000	FMETL	ND	ND	11.61							V,S,P,M
05/17/2000	FMETL	ND	ND	11.59							V,S,P,M
08/23/2000	FMETL	1.96	ND	11.33							V,S,P,M
11/27/2000	FMETL	ND	ND	11.69							V,S,P,M
02/20/2001	FMETL	ND	ND	11.40							V,S,P,M
05/24/2001	FMETL	ND	ND	11.38							V,S,P,M
08/22/2001	FMETL	ND	ND	11.59							V,S,P,M
11/16/2001	FMETL	ND	ND	12.11							V,S,P,M
02/28/2002	FMETL	ND	ND	12.32							V,S,P,M
05/31/2002	FMETL	ND	ND	11.87							V,S,P,M
09/30/2002	FMETL	ND	ND	13.78							V,S,P,M
11/12/2002	FMETL	ND	ND	12.90							V,S,P,M
02/25/2003	FMETL	ND	ND	12.04							V,S,P,M
06/26/2003	FMETL	ND	ND	11.35							V
08/06/2003	FMETL	ND	ND	11.77							V
11/18/2003	FMETL	ND	ND	11.28							V
02/11/2004	FMETL	0.66	ND	11.79							V,M
05/24/2004	FMETL	ND	ND	12.05							V
07/15/2004	FMETL	ND	ND	12.15							V
10/22/2004	FMETL	ND	ND	12.06							V
01/26/2005	FMETL	ND	ND	11.96							V
04/29/2005	FMETL	ND	ND	11.94							V
06/24/2005	FMETL	ND	ND	11.31							V
07/22/2005	FMETL	ND	ND	11.25							V
09/01/2005	FMETL	ND	ND	11.60							V
10/20/2005	FMETL	ND	ND	10.33							V
12/12/2005	FMETL	ND	ND	10.81							V
01/12/2006	FMETL	ND	ND	10.75							V

SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 01/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

FORT MONMOUTH

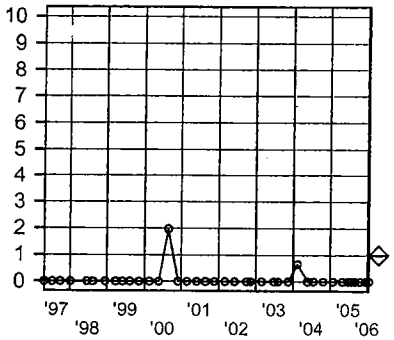
GW MONITORING
CW-1

Source 7 of 18

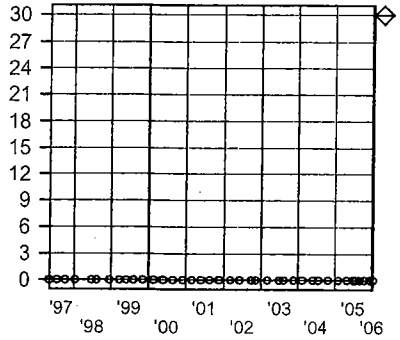
Ag > GW Criteria in blank for samples taken 7/97.

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

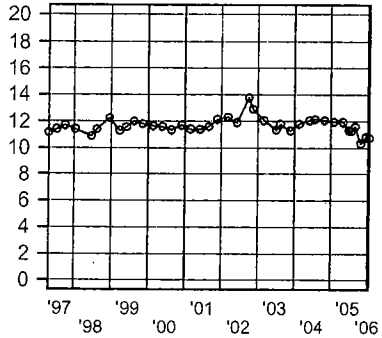
Trichloroethene
(ug/l)



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



Depth to Water
(Feet)



SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 01/12/2006

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.

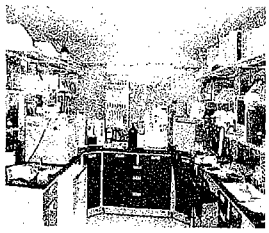
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

APPENDIX C

GROUNDWATER SAMPLING ANALYTICAL REPORT
APRIL 13, 2006

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
6015104	CW1MW026	29-32590	04/13/06
6015105	CW1MW027	29-32591	04/13/06
6015106	CW1MW028	29-32592	04/13/06
6015107	CW1MW029	29-32593	04/13/06
6015108	CW1MW030	29-43188	04/13/06
6015109	CW1MW031	29-43189	04/13/06
6015110	CW1MW032	29-43190	04/13/06
6015111	CW1MW034	29-43192	04/13/06
6015112	CW1MW035	29-43193	04/13/06
6015113	CW1MW040	29-43187	04/13/06
6015114	CW1MW281	29-35312	04/13/06
6015115	CW1MW291	29-35314	04/13/06

NJDEP Laboratory Certification # 13461

5-23-06
Daniel Wright/Date:
Laboratory Director

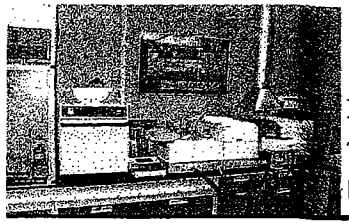
The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

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

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

SAMPLING



Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: JOE FALLON
Phone: 826223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 2ND QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: /TVS WALTER FUNK

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15								Comments: Remarks / Preservation Method
60151 .01	CW-1 (2700) TRIP BLANK	4-13-06	9:00	AQ	2	X								
.02	CW-1 (2700) FIELD BLANK	4-13-06	11:10	AQ	2	X								
.03	CW-1 (2700) DUP.	4-13-06	—	AQ	2	X								
.04	CW-1 (2700) MW#26*	4-13-06	11:25	AQ	2	X								29-32590
.05	CW-1 (2700) MW#27	4-13-06	11:30	AQ	2	X								29-32591
.06	CW-1 (2700) MW#28	4-13-06	13:10	AQ	2	X								29-32592
.07	CW-1 (2700) MW#29	4-13-06	13:20	AQ	2	X								29-32593
.08	CW-1 (2700) MW#30	4-13-06	13:30	AQ	2	X								29-43188
.09	CW-1 (2700) MW#31	4-13-06	13:40	AQ	2	X								29-43189
.10	CW-1 (2700) MW#32	4-13-06	15:30	AQ	2	X								29-43190
.11	CW-1 (2700) MW#34	4-13-06	15:40	AQ	2	X								29-43192
.12	CW-1 (2700) MW#35	4-13-06	15:20	AQ	2	X								29-43193
.13	CW-1 (2700) MW#40	4-13-06	15:10	AQ	2	X								29-43187
.14	CW-1 (2700) MW#281	4-13-06	14:30	AQ	2	X								29-35312

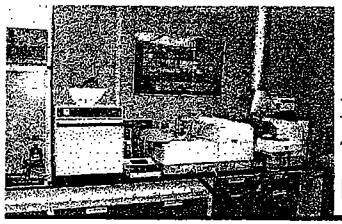
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	4/13/06 16:20	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

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

Remarks:

print legibly

COC.XLS3/21/2006



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: JOE FALLON
Phone: 1626223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 2ND QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: /TVS WALTER FUNK

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15								Comments: Remarks / Preservation Method
60151.15	CW-1 (2700) MW#291	4-13-06	14:50	AQ	2	X								29-35314

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	4/13/06 16:20	[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

COC.XLS3/21/2006

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: 04/13/06
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: 8.98 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.91 ft
(7.91) X .65 X 3 = 15.42
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: 0.00 ppm

PURGE START TIME: 10:10
pH 5.06 su — TEMP 12.51 °C
DISSOLVED O_2 13.58 mg/L — SPECIFIC CONDUCTIVITY 258.0 µs/cm

PURGE END TIME: 11:20
pH 4.75 su — TEMP 13.50 °C
DISSOLVED O_2 12.98 mg/L — SPECIFIC CONDUCTIVITY 303.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.58 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 11:25
pH 4.28 su — TEMP 12.34 °C
DISSOLVED O_2 12.79 mg/L — SPECIFIC CONDUCTIVITY 314.0 µs/cm

SAMPLE END TIME: 11:25

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: 04/13/06
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: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.15 ft
(8.15) X .65 X 3 = 15.89
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: 0.00 ppm

PURGE START TIME: 10:16
pH 5.00 su TEMP 13.23 °C
DISSOLVED O_2 12.27 mg/L SPECIFIC CONDUCTIVITY 214.0 µs/cm

PURGE END TIME: 11:26
pH 4.10 su TEMP 13.72 °C
DISSOLVED O_2 11.91 mg/L SPECIFIC CONDUCTIVITY 712.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.08 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 11:30
pH 4.10 su TEMP 13.60 °C
DISSOLVED O_2 11.72 mg/L SPECIFIC CONDUCTIVITY 724.0 µs/cm

SAMPLE END TIME: 11:30

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: 04/13/06
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: 7.04 ft
DEPTH OF WELL: 16.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.89 ft
(9.89) X .65 X 3 = 19.28
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: 0.00 ppm

PURGE START TIME: 11:34
pH 4.07 su TEMP 14.81 °C
DISSOLVED O_2 12.94 mg/L SPECIFIC CONDUCTIVITY 339.0 µs/cm

PURGE END TIME: 13:01
pH 3.87 su TEMP 14.40 °C
DISSOLVED O_2 12.60 mg/L SPECIFIC CONDUCTIVITY 716.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.24 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 13:10
pH 3.78 su TEMP 14.64 °C
DISSOLVED O_2 11.96 mg/L SPECIFIC CONDUCTIVITY 700.0 µs/cm

SAMPLE END TIME: 13:10

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: 04/13/06
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: 6.67 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.20 ft
(10.20) X .65 X 3 = 19.89
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: 0.00 ppm

PURGE START TIME: 11:37
pH 4.95 su — TEMP 13.34 °C
DISSOLVED O_2 9.51 mg/L — SPECIFIC CONDUCTIVITY 879.0 µs/cm

PURGE END TIME: 13:04
pH 4.88 su — TEMP 13.20 °C
DISSOLVED O_2 9.74 mg/L — SPECIFIC CONDUCTIVITY 818.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.92 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 13:20
pH 4.79 su — TEMP 13.10 °C
DISSOLVED O_2 9.07 mg/L — SPECIFIC CONDUCTIVITY 806.0 µs/cm

SAMPLE END TIME: 13:20

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: 04/13/06
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: 9.85 ft
DEPTH OF WELL: 21.45 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.60 ft
(11.60) X .65 X 3 = 22.62
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: 0.00 ppm

PURGE START TIME: 11:40
pH 4.15 su — TEMP 13.61 °C
DISSOLVED O_2 12.57 mg/L — SPECIFIC CONDUCTIVITY 747.0 µs/cm

PURGE END TIME: 13:20
pH 4.13 su — TEMP 13.60 °C
DISSOLVED O_2 12.51 mg/L — SPECIFIC CONDUCTIVITY 938.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.03 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 13:30
pH 3.91 su — TEMP 13.03 °C
DISSOLVED O_2 12.55 mg/L — SPECIFIC CONDUCTIVITY 908.0 µs/cm

SAMPLE END TIME: 13:30

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: 04/13/06
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: 9.94 ft
DEPTH OF WELL: 21.73 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.79 ft
(11.79) X .65 X 3 = 22.99
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: 0.00 ppm

PURGE START TIME: 11:44
pH 4.28 su — TEMP 13.52 °C
DISSOLVED O_2 12.69 mg/L — SPECIFIC CONDUCTIVITY 484.0 µs/cm

PURGE END TIME: 13:24
pH 4.26 su — TEMP 13.29 °C
DISSOLVED O_2 13.21 mg/L — SPECIFIC CONDUCTIVITY 411.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.09 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 13:40
pH 4.13 su — TEMP 12.96 °C
DISSOLVED O_2 13:00 mg/L — SPECIFIC CONDUCTIVITY 400.0 µs/cm

SAMPLE END TIME: 13:40

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: 04/13/06
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: 11.28 ft
DEPTH OF WELL: 21.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.52 ft
(10.52) X .65 X 3 = 20.51
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: 0.00 ppm

PURGE START TIME: 13:50
pH 4.37 su — TEMP 14.58 °C
DISSOLVED O_2 11.73 mg/L — SPECIFIC CONDUCTIVITY 336.0 µs/cm

PURGE END TIME: 15:21
pH 4.97 su — TEMP 14.37 °C
DISSOLVED O_2 12.03 mg/L — SPECIFIC CONDUCTIVITY 276.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.51 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 15:30
pH 5.01 su — TEMP 13.97 °C
DISSOLVED O_2 11.85 mg/L — SPECIFIC CONDUCTIVITY 283.0 µs/cm

SAMPLE END TIME: 15:30

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: 04/13/06
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: 8.81 ft
DEPTH OF WELL: 19.46 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.65 ft
(10.65) X .65 X 3 = 20.76
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 13:57
pH 4.54 su — TEMP 17.59 °C
DISSOLVED O_2 11.23 mg/L — SPECIFIC CONDUCTIVITY 238.0 µs/cm

PURGE END TIME: 15:28
pH 5.07 su — TEMP 17.40 °C
DISSOLVED O_2 12.10 mg/L — SPECIFIC CONDUCTIVITY 253.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.31 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 15:40
pH 4.87 su — TEMP 17.18 °C
DISSOLVED O_2 11.93 mg/L — SPECIFIC CONDUCTIVITY 261.0 µs/cm

SAMPLE END TIME: 15:40

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: 04/13/06
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: 8.32 ft
DEPTH OF WELL: 16.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.16 ft
(8.16) X .65 X 3 = 15.91
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: 0.00 ppm

PURGE START TIME: 14:04
pH 4.25 su — TEMP 15.37 °C
DISSOLVED O_2 11.11 mg/L — SPECIFIC CONDUCTIVITY 226.0 µs/cm

PURGE END TIME: 15:14
pH 4.33 su — TEMP 15.10 °C
DISSOLVED O_2 10.53 mg/L — SPECIFIC CONDUCTIVITY 238.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.62 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 15:20
pH 4.03 su — TEMP 14.72 °C
DISSOLVED O_2 10.22 mg/L — SPECIFIC CONDUCTIVITY 224.0 µs/cm

SAMPLE END TIME: 15:20

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: 04/13/06
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: 13.36 ft
DEPTH OF WELL: 48.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 35.14 ft
(35.14) X .65 X 3 = 68.52
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: 0.00 ppm

PURGE START TIME: 10:01
pH 5.65 su — TEMP 14.16 °C
DISSOLVED O_2 1.88 mg/L — SPECIFIC CONDUCTIVITY 587.0 µs/cm

PURGE END TIME: 15:01
pH 5.56 su — TEMP 15.56 °C
DISSOLVED O_2 1.04 mg/L — SPECIFIC CONDUCTIVITY 596.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.22 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 69 gal

SAMPLE START TIME: 15:10
pH 5.58 su — TEMP 15.73 °C
DISSOLVED O_2 0.60 mg/L — SPECIFIC CONDUCTIVITY 596.0 µs/cm

SAMPLE END TIME: 15:10

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: 04/13/06
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: 11.81 ft
DEPTH OF WELL: 43.20 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 31.39 ft
(31.39) X .65 X 3 = 61.21
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: 0.00 ppm

PURGE START TIME: 09:49
pH 4.26 su — TEMP 14.35 °C
DISSOLVED O_2 9.13 mg/L — SPECIFIC CONDUCTIVITY 578.0 µs/cm

PURGE END TIME: 14:19
pH 5.87 su — TEMP 16.54 °C
DISSOLVED O_2 1.78 mg/L — SPECIFIC CONDUCTIVITY 635.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.44 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 62 gal

SAMPLE START TIME: 14:30
pH 5.97 su — TEMP 15.56 °C
DISSOLVED O_2 0.57 mg/L — SPECIFIC CONDUCTIVITY 629.0 µs/cm

SAMPLE END TIME: 14:30

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: 04/13/06
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: 11.27 ft
DEPTH OF WELL: 18.18 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.91 ft
(6.91) X .65 X 3 = 13.47
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: 0.00 ppm

PURGE START TIME: 13:43
pH 5.55 su — TEMP 12.75 °C
DISSOLVED O_2 13.29 mg/L — SPECIFIC CONDUCTIVITY 320.0 µs/cm

PURGE END TIME: 14:44
pH 5.33 su — TEMP 13.51 °C
DISSOLVED O_2 11.45 mg/L — SPECIFIC CONDUCTIVITY 741.0 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: 14 gal

SAMPLE START TIME: 14:50
pH 4.70 su — TEMP 12.32 °C
DISSOLVED O_2 11.12 mg/L — SPECIFIC CONDUCTIVITY 743.0 µs/cm

SAMPLE END TIME: 14:50

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	VB022046.D	Sample Name	MB 20Apr2006
Operator	Skelton	Field ID	MB 20Apr2006
Date Acquired	20 Apr 2006 2:47 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.67	125997	1.17 ug/L	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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 20Apr06**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 20Apr2006

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022046.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. Date Analyzed: 4/20/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022047.D	Sample Name	6015101
Operator	Skelton	Field ID	Trip Blank
Date Acquired	20 Apr 2006 3:41 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.67	76821	0.77 ug/L	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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5/18/2006 2:02 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6015101

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022047.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. Date Analyzed: 4/20/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022048.D	Sample Name	6015102
Operator	Skelton	Field ID	Field Blank
Date Acquired	20 Apr 2006 4:22 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.66	71963	0.74 ug/L	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank

E = Value above linear range

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.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6015102

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022048.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. Date Analyzed: 4/20/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022049.D	Sample Name	6015103
Operator	Skelton	Field ID	Dupe
Date Acquired	20 Apr 2006 5:03 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank

E = Value above linear range

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.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6015103

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022049.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. Date Analyzed: 4/20/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022050.D	Sample Name	6015104
Operator	Skelton	Field ID	CW1MW#26
Date Acquired	20 Apr 2006 5:44 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#26**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6015104

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022050.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. _____ Date Analyzed: 4/20/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022051.D	Sample Name	6015105
Operator	Skelton	Field ID	CW1MW#27
Date Acquired	20 Apr 2006 6:24 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.55	36697	0.72 ug/L	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

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5/18/2006 2:02 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#27**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6015105

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022051.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. _____ Date Analyzed: 4/20/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022052.D	Sample Name	6015106
Operator	Skelton	Field ID	CW1MW#28
Date Acquired	20 Apr 2006 7:05 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.55	14701	0.30 ug/L	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#28**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6015106

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022052.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. Date Analyzed: 4/20/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022053.D	Sample Name	6015107
Operator	Skelton	Field ID	CW1MW#29
Date Acquired	20 Apr 2006 7:47 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.88	17607	0.29 ug/L	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane	17.23	12936	0.22 ug/L	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.56	909356	18.48 ug/L	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#29**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6015107

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022053.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. _____ Date Analyzed: 4/20/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022054.D	Sample Name	6015108
Operator	Skelton	Field ID	CW1MW#30
Date Acquired	20 Apr 2006 8:27 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#30**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6015108

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022054.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. Date Analyzed: 4/20/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022055.D	Sample Name	6015109
Operator	Skelton	Field ID	CW1MW#31
Date Acquired	20 Apr 2006 9:08 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.57	27610	0.61 ug/L	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#31**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6015109

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022055.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. Date Analyzed: 4/20/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022056.D	Sample Name	6015110
Operator	Skelton	Field ID	CW1MW#32
Date Acquired	20 Apr 2006 9:49 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#32**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6015110

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022056.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. Date Analyzed: 4/20/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022057.D	Sample Name	6015111
Operator	Skelton	Field ID	CW1MW#34
Date Acquired	20 Apr 2006 10:30 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#34**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6015111

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022057.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. _____ Date Analyzed: 4/20/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022058.D	Sample Name	6015112
Operator	Skelton	Field ID	CW1MW#35
Date Acquired	20 Apr 2006 11:11 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#35**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6015112

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022058.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. Date Analyzed: 4/20/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022059.D	Sample Name	6015113
Operator	Skelton	Field ID	CW1MW#40
Date Acquired	20 Apr 2006 11:53 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

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5/18/2006 2:02 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#40**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6015113

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022059.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. Date Analyzed: 4/20/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022060.D	Sample Name	6015114
Operator	Skelton	Field ID	CW1MW#281
Date Acquired	21 Apr 2006 12:34 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	13271	0.25 ug/L	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.57	735564	17.45 ug/L	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank

E = Value above linear range

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: **CW1MW#281**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6015114

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022060.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. Date Analyzed: 4/21/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022061.D	Sample Name	6015115
Operator	Skelton	Field ID	CW1MW#291
Date Acquired	21 Apr 2006 1:15 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank

E = Value above linear range

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: **CW1MW#291**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60151 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6015115

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022061.D

Level: (low/med) LOW Date Received: 4/13/2006

% Moisture: not dec. _____ Date Analyzed: 4/21/2006

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

Soil Extract Volume: _____ (uL) Soil 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	1,1,1-Tri chloro ethane	cis-1,2-Di chloro ethene	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	30	70	-						-
04/23/1997	FMETL	ND	ND	ND	8.60						V,S,P,M
07/07/1997	FMETL	ND	ND	ND	8.98						V,S,P,M
10/01/1997	FMETL	ND	ND	ND	9.45						V,S,P,M
01/06/1998	FMETL	ND	ND	ND	9.05						V,S,P,M
06/16/1998	FMETL	1.10	ND	ND	8.61						V,S,P,M
08/13/1998	FMETL	ND	ND	ND	9.16						V,S,P,M
12/15/1998	FMETL	ND	ND	ND	10.18						V,S,P,M
03/23/1999	FMETL	ND	ND	ND	9.07						V,S,P,M
05/27/1999	FMETL	ND	ND	ND	9.42						V,S,P,M
08/11/1999	FMETL	ND	ND	ND	9.89						V,S,P,M
11/10/1999	FMETL	ND	ND	ND	9.70						V,S,P,M
02/16/2000	FMETL	ND	ND	ND	9.44						V,S,P,M
05/17/2000	FMETL	ND	ND	ND	9.35						V,S,P,M
08/23/2000	FMETL	ND	ND	ND	9.16						V,S,P,M
11/27/2000	FMETL	ND	ND	ND	9.64						V,S,P,M
11/27/2000D	FMETL	ND	ND	ND	9.64						V,S,P,M
02/15/2001	FMETL	ND	ND	ND	8.98						V,S,P,M
02/15/2001D	FMETL	ND	ND	ND	8.98						V,S,P,M
05/24/2001	FMETL	ND	ND	ND	9.06						V,S,P,M
08/22/2001	FMETL	ND	ND	ND	9.38						V,S,P,M
11/16/2001	FMETL	ND	1.71	ND	10.05						V,S,P,M
02/28/2002	FMETL	ND	ND	ND	10.33						V,S,P,M
05/31/2002	FMETL	ND	ND	ND	9.81						V,S,P,M
09/30/2002	FMETL	ND	ND	ND	13.90						V,S,P,M
11/12/2002	FMETL	ND	ND	ND	12.58						V,S,P,M
02/25/2003	FMETL	ND	ND	ND	10.85						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	10.38						V
08/06/2003	FMETL	ND	ND	ND	9.88						V
11/18/2003	FMETL	ND	ND	ND	9.10						V
02/11/2004	FMETL	ND	ND	ND	10.74						V,M
05/24/2004	FMETL	ND	ND	ND	11.15						V
07/15/2004	FMETL	ND	ND	ND	11.15						V
10/22/2004	FMETL	ND	ND	ND	11.15						V
01/26/2005	FMETL	ND	ND	ND	10.88						V
04/28/2005	FMETL	ND	ND	ND	10.89						V
06/23/2005	FMETL	ND	ND	ND	9.04						V
07/21/2005	FMETL	ND	ND	ND	9.02						V
08/30/2005	FMETL	ND	ND	ND	9.38						V
10/20/2005	FMETL	1.79	ND	ND	8.01						V

SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 04/13/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

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

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	cis-1,2-Di chloro ethene	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	30	70	-						-
12/09/2005	FMETL	2.69	0.44	ND	8.58						V
01/12/2006	FMETL	1.68	0.42	ND	8.37						V
04/13/2006	FMETL	ND	ND	ND	8.98						V

SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 04/13/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

FORT MONMOUTH

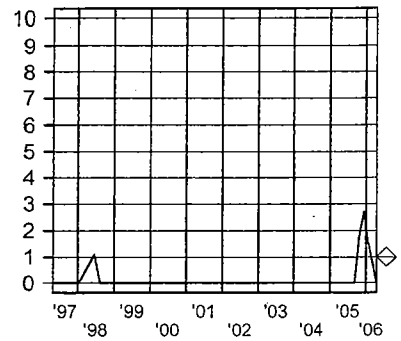
GW MONITORING
CW-1

Source 1 of 18 (cont.)

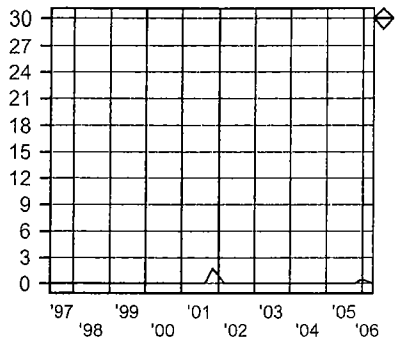
Ag > GW Criteria in blank for samples taken 7/97.

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

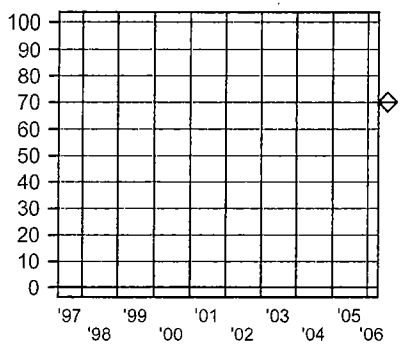
Trichloroethene
(ug/l)



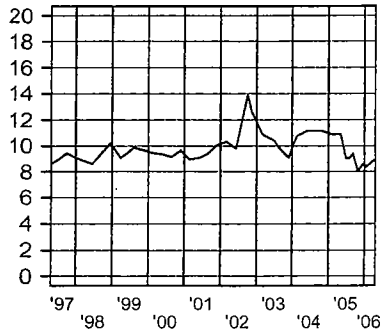
1,1,1-Trichloroethane
(ug/l)



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



Depth to Water
(Feet)



SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 04/13/2006

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

05-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	cis-1,2-Di chloro ethene	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	30	70	-						-
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	1.46	ND	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	3.06	ND	10.00						V,S,P,M
02/28/2002	FMETL	7.14	4.48	ND	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	1.11	ND	9.62						V
11/18/2003	FMETL	ND	4.21	ND	8.91						V
02/11/2004	FMETL	ND	0.48	ND	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
06/23/2005	FMETL	1.13	ND	ND	8.85						V
07/21/2005	FMETL	2.26	ND	ND	8.84						V
08/30/2005	FMETL	2.92	ND	ND	9.23						V
10/20/2005	FMETL	12.81	ND	ND	7.73						V
12/09/2005	METL	2.03	0.89	ND	8.31						V
01/12/2006	FMETL	1.74	0.71	ND	8.07						V

SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 04/13/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

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

05-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	cis-1,2-Di chloro ethene	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	30	70	-						-
04/13/2006	FMETL	0.72	ND	ND	8.74						V

SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 04/13/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

FORT MONMOUTH

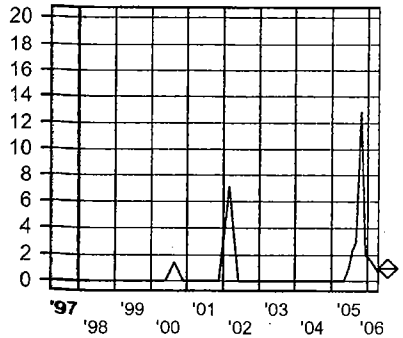
GW MONITORING
CW-1

Source 2 of 18 (cont.)

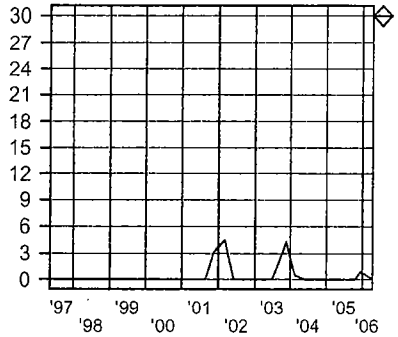
Ag > GW Criteria in blank for samples taken 7/97.

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

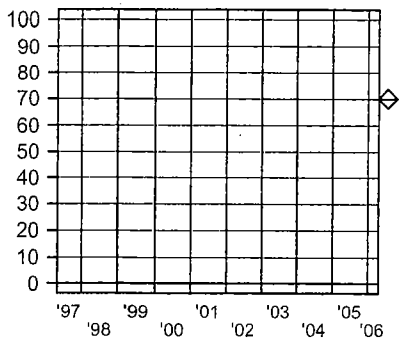
Trichloroethene
(ug/l)



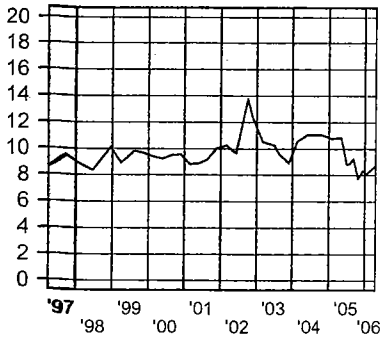
1,1,1-Trichloroethane
(ug/l)



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



Depth to Water
(Feet)



SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 04/13/2006

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
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SELFM-PW-EV

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	cis-1,2-Di chloro ethene	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	30	70	-						-
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	ND	1.59	10.32						V,S,P,M
11/10/1999	FMETL	174.48	ND	25.4	10.13						V,S,P,M
02/16/2000	FMETL	103.32	ND	4.24	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	2.83	ND	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
06/23/2005	FMETL	0.83	ND	ND	7.16						V
07/21/2005	FMETL	1.31	ND	ND	7.14						V
08/30/2005	FMETL	3.05	ND	ND	7.51						V
10/20/2005	FMETL	9.76	ND	ND	6.01						V
12/09/2005	FMETL	4.88	ND	ND	6.62						V
01/12/2006	FMETL	2.30	ND	ND	6.35						V
04/13/2006	FMETL	0.30	ND	ND	7.04						V

SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 04/13/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

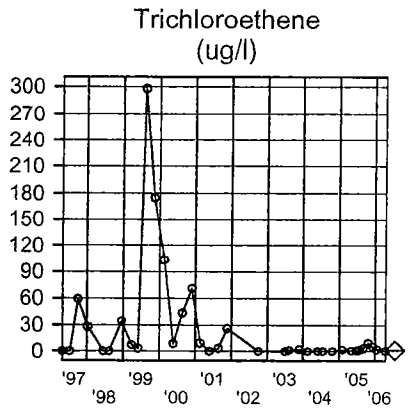
FORT MONMOUTH

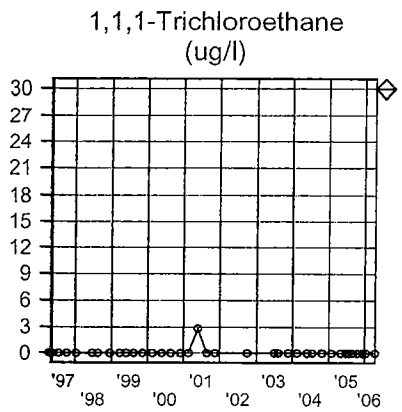
GW MONITORING
CW-1

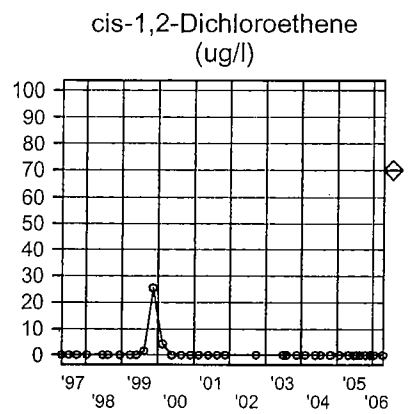
Source 3 of 18

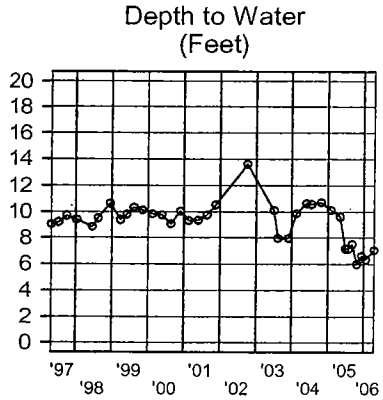
^g > GW Criteria in blank for samples taken 7/97.

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









SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 04/13/2006

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

05-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	cis-1,2-Di chloro ethene	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	30	70	-						-
04/23/1997	FMETL	3200	ND	47	8.90						V,S,P,M
07/07/1997	FMETL	4900	ND	92	9.30						V,S,P,M
10/01/1997	FMETL	7820	ND	290	9.98						V,S,P,M
01/06/1998	FMETL	1705	ND	67	9.10						V,S,P,M
06/16/1998	FMETL	83.11	ND	11.97	8.67						V,S,P,M
08/13/1998	FMETL	498	ND	88	9.26						V,S,P,M
12/12/1998	FMETL	374.58	ND	161.61	10.30						V,S,P,M
03/23/1999	FMETL	1342	ND	126.68	9.90						V,S,P,M
05/27/1999	FMETL	950.05	ND	75.55	9.59						V,S,P,M
08/11/1999	FMETL	288.11	ND	523.43	10.00						V,S,P,M
11/10/1999	FMETL	62.96	ND	746.30	9.81						V,S,P,M
02/16/2000	FMETL	41.51	ND	175.38	9.54						V,S,P,M
05/17/2000	FMETL	357.72	ND	186.08	9.47						V,S,P,M
08/23/2000	FMETL	263.49	ND	352.10	9.24						V,S,P,M
11/27/2000	FMETL	54.06	ND	96.55	9.71						V,S,P,M
02/15/2001	FMETL	1951.41	ND	250.62	9.09						V,S,P,M
05/24/2001	FMETL	470.48	ND	66.54	9.14						V,S,P,M
08/22/2001	FMETL	2040.65	ND	340.29	9.44						V,S,P,M
11/16/2001	FMETL	67.36	3.02	118.26	10.08						V,S,P,M
09/30/2002	FMETL	ND	ND	ND	12.91						V
06/26/2003	FMETL	ND	ND	ND	9.63						V
08/06/2003	FMETL	ND	ND	ND	7.55						V
11/18/2003	FMETL	ND	ND	ND	7.85						V
02/11/2004	FMETL	ND	ND	ND	9.45						V,M
05/24/2004	FMETL	7.17	ND	ND	10.45						V
07/15/2004	FMETL	17.49	ND	ND	9.82						V
10/22/2004	FMETL	ND	ND	ND	10.2						V
01/26/2005	FMETL	0.62	ND	ND	9.50						V
04/28/2005	FMETL	ND	ND	ND	9.57						V
04/28/2005	FMETL	ND	ND	ND	10.78						V
06/23/2005	FMETL	1.48	ND	ND	6.72						V
07/21/2005	FMETL	1.74	ND	ND	6.70						V
08/30/2005	FMETL	4.59	ND	ND	7.07						V
10/20/2005	FMETL	3.75	ND	ND	5.65						V
12/09/2005	FMETL	20.16	3.42	0.99	6.26						V
01/12/2006	FMETL	2.57	ND	ND	6.06						V
04/13/2006	FMETL	18.48	0.22	0.29	6.67						V

SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 04/13/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

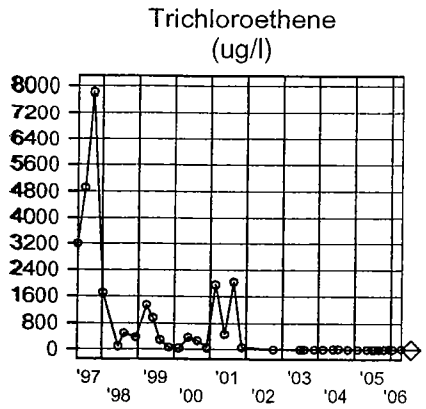
FORT MONMOUTH

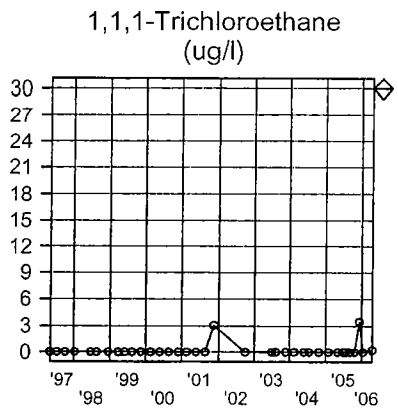
GW MONITORING
CW-1

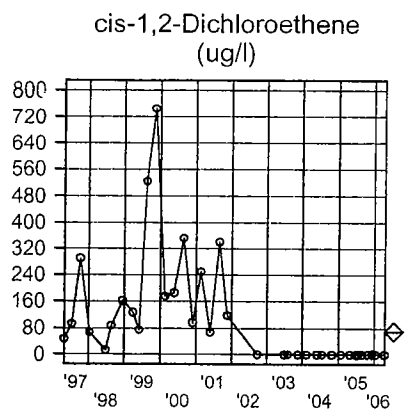
Source 4 of 18

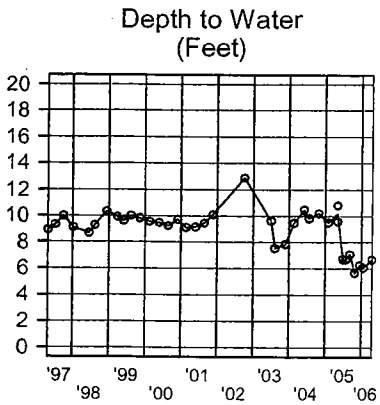
Ag > GW Criteria in blank for samples taken 7/97.

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









SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 04/13/2006

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

05-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	cis-1,2-Di chloro ethene	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	30	70	-						-
11/27/2000	FMETL	ND	ND	ND	10.73						V,S,P,M
02/15/2001	FMETL	ND	ND	ND	9.91						V,S,P,M
05/24/2001	FMETL	ND	ND	ND	9.89						V,S,P,M
08/22/2001	FMETL	1.36	ND	ND	10.41						V,S,P,M
11/16/2001	FMETL	ND	ND	ND	11.26						V,S,P,M
02/28/2002	FMETL	ND	ND	ND	11.59						V,S,P,M
05/31/2002	FMETL	ND	ND	ND	10.96						V,S,P,M
09/30/2002	FMETL	ND	ND	ND	13.25						V,S,P,M
11/12/2002	FMETL	ND	ND	ND	12.27						V,S,P,M
02/25/2003	FMETL	ND	ND	ND	10.81						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	10.11						V
08/06/2003	FMETL	ND	ND	ND	9.52						V
11/18/2003	FMETL	ND	ND	ND	10.10						V
02/11/2004	FMETL	ND	ND	ND	10.54						V,M
05/24/2004	FMETL	ND	ND	ND	10.97						V
07/15/2004	FMETL	ND	ND	ND	11.18						V
10/22/2004	FMETL	ND	ND	ND	11.29						V
01/26/2005	FMETL	ND	ND	ND	10.94						V
06/23/2005	FMETL	ND	ND	ND	10.02						V
07/21/2005	FMETL	ND	ND	ND	10.04						V
08/30/2005	FMETL	ND	ND	ND	10.51						V
10/20/2005	FMETL	ND	ND	ND	8.74						V
12/12/2005	FMETL	ND	ND	ND	9.32						V
01/12/2006	FMETL	ND	ND	ND	9.03						V
04/13/2006	FMETL	ND	ND	ND	9.85						V

SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 04/13/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

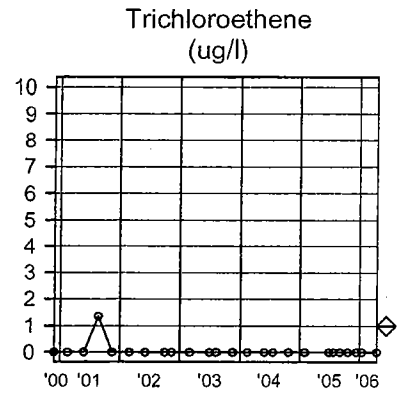
FORT MONMOUTH

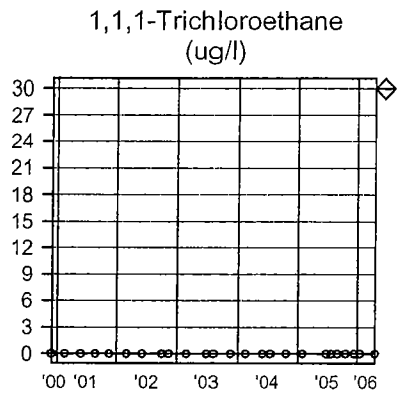
GW MONITORING
CW-1

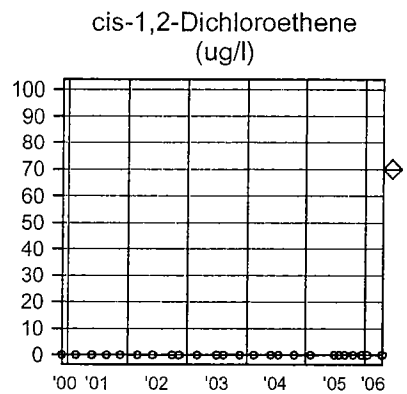
Source 8 of 18

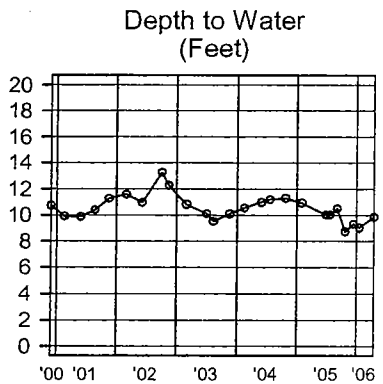
Ag > GW Criteria in blank for samples taken 7/97.

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









SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 04/13/2006

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

05-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	cis-1,2-Di chloro ethene	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	30	70	-						-
11/27/2000	FMETL	139.49	ND	1.20	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	1.86	ND	10.31						V,S,P,M
11/16/2001	FMETL	358.39	2.81	128.72	10.90						V,S,P,M
11/16/2001D	FMETL	472.71	2.08	175.13	10.90						V,S,P,M
02/28/2002	FMETL	ND	2.25	ND	11.09						V,S,P,M
05/31/2002	FMETL	ND	4.57	ND	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	0.69	ND	11.43						V,S,P,M
06/26/2003	FMETL	5.07	1.34	1.04	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
01/26/2005	FMETL	ND	ND	ND	11.31						V
04/28/2005	FMETL	ND	ND	ND	11.32						V
06/23/2005	FMETL	ND	ND	ND	9.96						V
07/22/2005	FMETL	ND	ND	ND	9.93						V
08/30/2005	FMETL	ND	ND	ND	10.30						V
10/20/2005	FMETL	ND	ND	ND	8.96						V
12/12/2005	FMETL	0.78	ND	ND	9.44						V
01/12/2006	FMETL	0.36	ND	ND	9.38						V
04/13/2006	FMETL	0.61	ND	ND	9.94						V

SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 04/13/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

FORT MONMOUTH

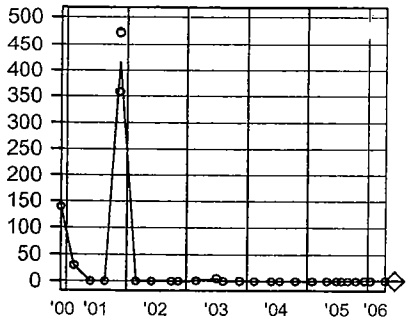
GW MONITORING
CW-1

Source 9 of 18

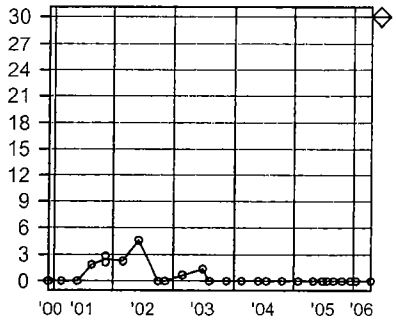
Ag > GW Criteria in blank for samples taken 7/97.

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

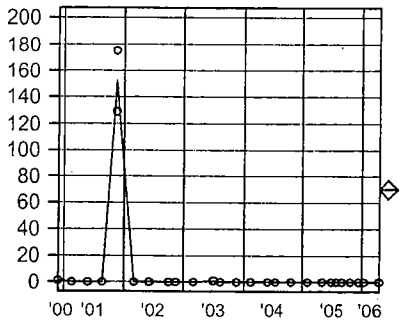
Trichloroethene
(ug/l)



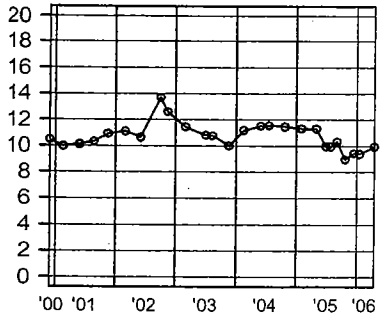
1,1,1-Trichloroethane
(ug/l)



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



Depth to Water
(Feet)



SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 04/13/2006

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

05-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	cis-1,2-Di chloro ethene	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	30	70	-						-
11/27/2000	FMETL	51.33	ND	1.67	11.65						V,S,P,M
02/15/2001	FMETL	ND	ND	ND	11.3						V,S,P,M
05/24/2001	FMETL	10.77	ND	ND	11.43						V,S,P,M
08/22/2001	FMETL	16.24	ND	ND	11.57						V,S,P,M
11/16/2001	FMETL	4.91	ND	ND	12.04						V,S,P,M
02/28/2002	FMETL	6.38	ND	ND	12.23						V,S,P,M
05/31/2002	FMETL	ND	ND	ND	11.78						V,S,P,M
11/12/2002	FMETL	ND	ND	ND	12.81						V,S,P,M
02/25/2003	FMETL	ND	ND	ND	12.12						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	11.28						V
08/06/2003	FMETL	ND	ND	ND	11.75						V
11/18/2003	FMETL	ND	ND	ND	11.23						V
02/11/2004	FMETL	ND	ND	ND	11.77						V,M
05/24/2004	FMETL	ND	ND	ND	12.03						V
07/15/2004	FMETL	ND	ND	ND	12.10						V
10/22/2004	FMETL	ND	ND	ND	12.03						V
01/26/2005	FMETL	ND	ND	ND	11.89						V
04/28/2005	FMETL	ND	ND	ND	11.86						V
06/23/2005	FMETL	ND	ND	ND	11.25						V
07/22/2005	FMETL	ND	ND	ND	11.21						V
08/30/2005	FMETL	ND	ND	ND	11.55						V
10/20/2005	FMETL	ND	ND	ND	10.40						V
12/12/2005	FMETL	ND	ND	ND	10.82						V
01/12/2006	FMETL	ND	ND	ND	10.82						V
04/13/2006	FMETL	ND	ND	ND	11.28						V

SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 04/13/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

FORT MONMOUTH

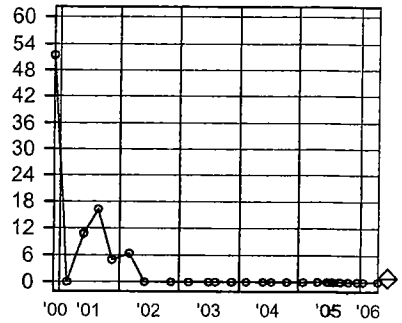
GW MONITORING
CW-1

Source 10 of 18

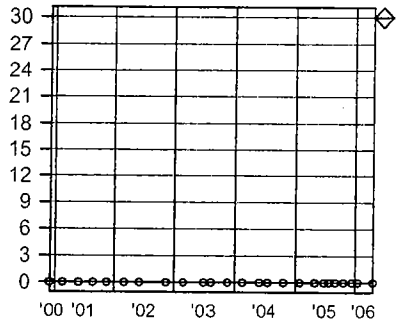
Ag > GW Criteria in blank for samples taken 7/97.

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

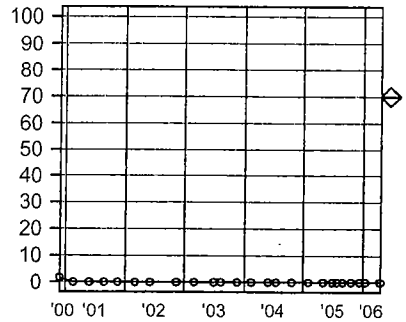
Trichloroethene
(ug/l)



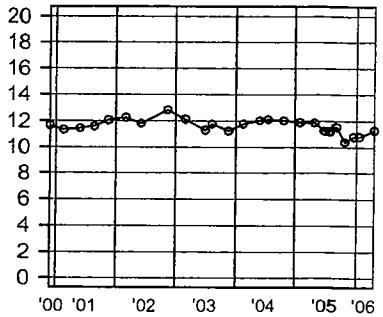
1,1,1-Trichloroethane
(ug/l)



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



Depth to Water
(Feet)



SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 04/13/2006

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

05-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	cis-1,2-Di chloro ethene	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	30	70	-						-
11/27/2000	FMETL	ND	ND	ND	8.01						V,S,P,M
02/15/2001	FMETL	ND	ND	ND	8.55						V,S,P,M
05/31/2001	FMETL	ND	ND	ND	8.72						V,S,P,M
08/24/2001	FMETL	ND	ND	ND	8.83						V,S,P,M
11/16/2001	FMETL	ND	ND	ND	9.20						V,S,P,M
02/28/2002	FMETL	ND	ND	ND	9.34						V,S,P,M
05/31/2002	FMETL	ND	ND	ND	9.03						V,S,P,M
09/30/2002	FMETL	ND	ND	ND	10.50						V,S,P,M
11/12/2002	FMETL	ND	ND	ND	9.34						V,S,P,M
02/25/2003	FMETL	ND	ND	ND	8.71						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	8.32						V
08/06/2003	FMETL	ND	ND	ND	8.74						V
11/18/2003	FMETL	ND	ND	ND	8.56						V
02/11/2004	FMETL	ND	ND	ND	8.70						V,M
05/24/2004	FMETL	ND	ND	ND	8.82						V
07/15/2004	FMETL	ND	ND	ND	8.90						V
10/22/2004	FMETL	ND	ND	ND	8.93						V
01/27/2005	FMETL	ND	ND	ND	8.86						V
04/29/2005	FMETL	ND	ND	ND	8.74						V
06/24/2005	FMETL	ND	ND	ND	8.59						V
07/22/2005	FMETL	ND	ND	ND	8.55						V
08/30/2005	FMETL	ND	ND	ND	8.81						V
10/20/2005	FMETL	ND	ND	ND	7.98						V
12/12/2005	FMETL	ND	ND	ND	8.25						V
01/12/2006	FMETL	ND	ND	ND	8.21						V
04/13/2006	FMETL	ND	ND	ND	8.81						V

SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 04/13/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

FORT MONMOUTH

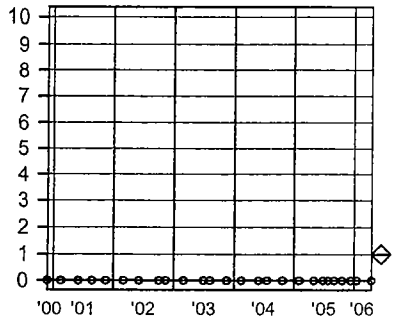
GW MONITORING
CW-1

Source 12 of 18

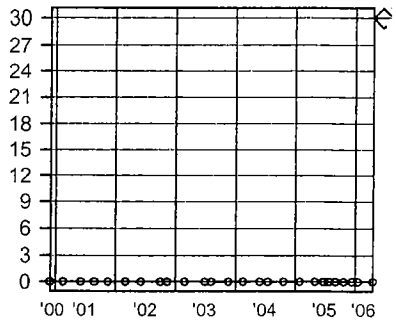
Ag > GW Criteria in blank for samples taken 7/97.

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

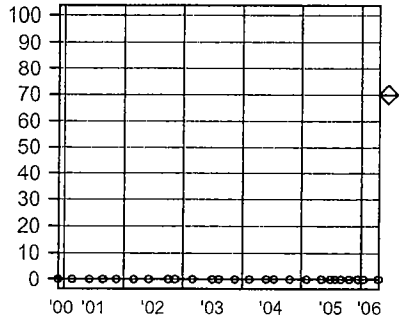
Trichloroethene
(ug/l)



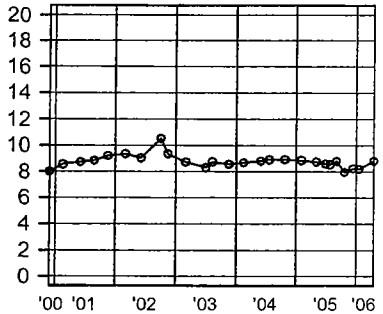
1,1,1-Trichloroethane
(ug/l)



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



Depth to Water
(Feet)



SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 04/13/2006

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

05-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	cis-1,2-Di chloro ethene	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	30	70	-						-
11/28/2000	FMETL	ND	ND	ND	8.55						V,S,P,M
02/15/2001	FMETL	ND	ND	ND	8.41						V,S,P,M
05/31/2001	FMETL	ND	ND	ND	8.45						V,S,P,M
08/24/2001	FMETL	ND	ND	ND	8.45						V,S,P,M
11/27/2001	FMETL	ND	ND	ND	8.80						V,S,P,M
02/28/2002	FMETL	ND	ND	ND	8.88						V,S,P,M
05/31/2002	FMETL	ND	ND	ND	8.61						V,S,P,M
09/30/2002	FMETL	ND	ND	ND	9.50						V,S,P,M
11/12/2002	FMETL	ND	ND	ND	8.85						V,S,P,M
02/25/2003	FMETL	ND	ND	ND	8.51						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	8.00						V
08/06/2003	FMETL	ND	ND	ND	8.37						V
11/18/2003	FMETL	ND	ND	ND	8.25						V
02/11/2004	FMETL	ND	ND	ND	8.40						V,M
05/24/2004	FMETL	ND	ND	ND	8.41						V
07/15/2004	FMETL	ND	ND	ND	8.48						V
10/22/2004	FMETL	ND	ND	ND	8.51						V
01/27/2005	FMETL	ND	ND	ND	8.53						V
04/29/2005	FMETL	ND	ND	ND	8.38						V
06/23/2005	FMETL	ND	ND	ND	8.24						V
07/22/2005	FMETL	ND	ND	ND	8.21						V
08/30/2005	FMETL	ND	ND	ND	8.41						V
10/20/2005	FMETL	ND	ND	ND	7.76						V
12/12/2005	FMETL	ND	ND	ND	8.04						V
01/12/2006	FMETL	ND	ND	ND	8.02						V
04/13/2006	FMETL	ND	ND	ND	8.32						V

SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 04/13/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

FORT MONMOUTH

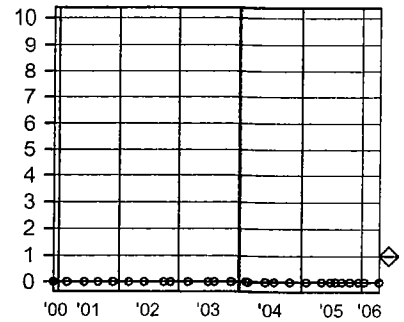
GW MONITORING
CW-1

Source 13 of 18

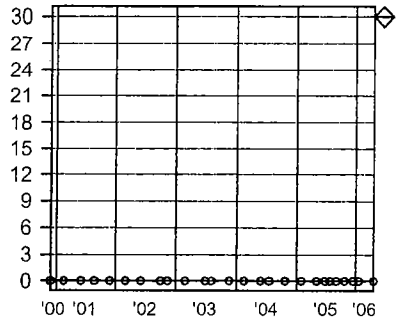
Ag > GW Criteria in blank for samples taken 7/97.

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

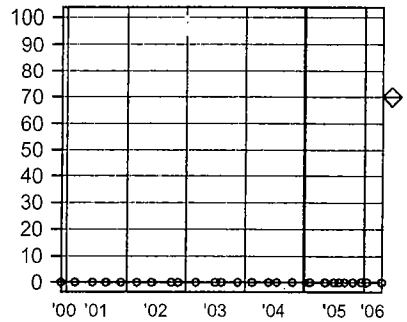
Trichloroethene
(ug/l)



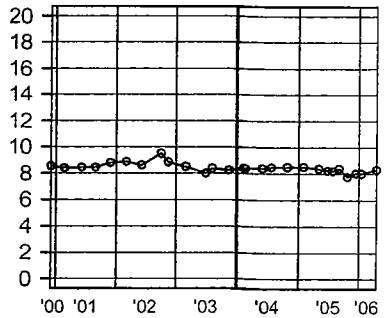
1,1,1-Trichloroethane
(ug/l)



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



Depth to Water
(Feet)



SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 04/13/2006

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	1,1,1-Tri chloro ethane	cis-1,2-Di chloro ethene	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	30	70	-						-
04/22/1997	FMETL	ND	ND	ND	11.10						V,S,P,M
07/09/1997	FMETL	190	ND	2.45	12.30						V,S,P,M
10/02/1997	FMETL	42	ND	ND	12.80						V,S,P,M
01/07/1998	FMETL	10.6	ND	ND	10.80						V,S,P,M
06/18/1998	FMETL	27.96	ND	ND	10.98						V,S,P,M
08/13/1998	FMETL	45	ND	ND	12.57						V,S,P,M
12/15/1998	FMETL	6.1	ND	ND	13.87						V,S,P,M
03/23/1999	FMETL	14.87	ND	ND	11.25						V,S,P,M
05/27/1999	FMETL	12.08	ND	ND	12.07						V,S,P,M
08/11/1999	FMETL	3.29	ND	ND	13.75						V,S,P,M
11/10/1999	FMETL	6.19	ND	ND	12.75						V,S,P,M
02/16/2000	FMETL	4.67	ND	ND	11.96						V,S,P,M
02/16/2000D	FMETL	4.83	ND	ND	11.96						V,S,P,M
05/17/2000	FMETL	5.51	ND	ND	12.14						V,S,P,M
05/17/2000D	FMETL	5.18	ND	ND	12.14						V,S,P,M
08/23/2000	FMETL	4.06	ND	ND	12.05						V,S,P,M
11/28/2000	FMETL	ND	ND	ND	12.32						V,S,P,M
02/20/2001	FMETL	ND	ND	ND	11.79						V,S,P,M
02/20/2001	FMETL	ND	ND	ND	11.79						V,S,P,M
05/31/2001	FMETL	ND	ND	ND	12.55						V,S,P,M
08/24/2001	FMETL	1.19	ND	ND	12.93						V,S,P,M
11/27/2001	FMETL	4.74	ND	ND	13.87						V,S,P,M
11/27/2001D	FMETL	5.08	ND	ND	13.87						V,S,P,M
02/28/2002	FMETL	13.80	ND	ND	13.51						V,S,P,M
05/31/2002	FMETL	25.32	ND	ND	12.70						V,S,P,M
09/30/2002	FMETL	6.16	ND	ND	13.38						V,S,P,M
11/14/2002	FMETL	ND	ND	ND	12.03						V,S,P,M
02/25/2003	FMETL	2.30	ND	ND	11.00						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	10.69						V
08/06/2003	FMETL	1.74	ND	ND	11.50						V
11/18/2003	FMETL	1.42	ND	ND	12.05						V
02/11/2004	FMETL	3.48	ND	ND	11.14						V,M
05/24/2004	FMETL	4.44	ND	ND	11.51						V
07/15/2004	FMETL	20.50	ND	ND	11.95						V
10/22/2004	FMETL	16.03	ND	ND	12.31						V
01/27/2005	FMETL	7.38	ND	0.29	10.76						V
04/28/2005	FMETL	3.88	ND	ND	11.16						V
06/24/2005	FMETL	10.49	ND	ND	12.03						V
07/22/2005	FMETL	21.57	ND	0.45	11.96						V

SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 04/13/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

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

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	cis-1,2-Di chloro ethene	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	30	70	-						-
09/01/2005	FMETL	14.27	ND	ND	13.11						V
10/20/2005	FMETL	18.39	ND	ND	8.03						V
12/12/2005	FMETL	23.71	ND	0.32	11.16						V
01/12/2006	FMETL	11.49	ND	ND	11.11						V
04/13/2006	FMETL	17.45	ND	0.25	11.81						V

SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 04/13/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

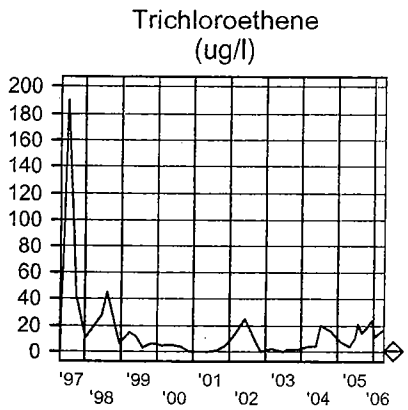
FORT MONMOUTH

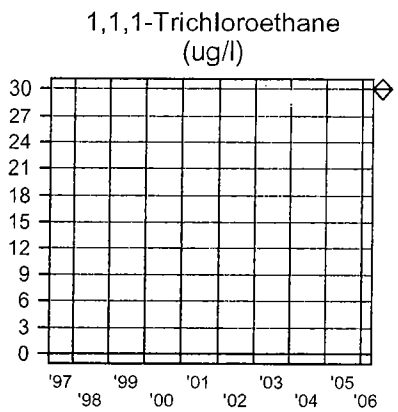
GW MONITORING
CW-1

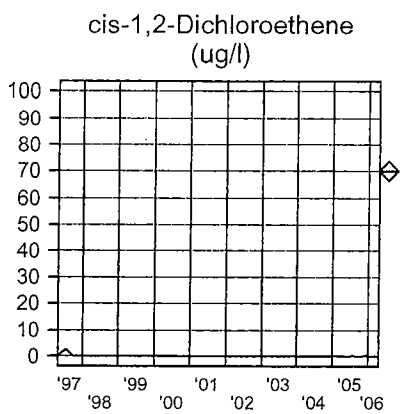
Source 5 of 18 (cont.)

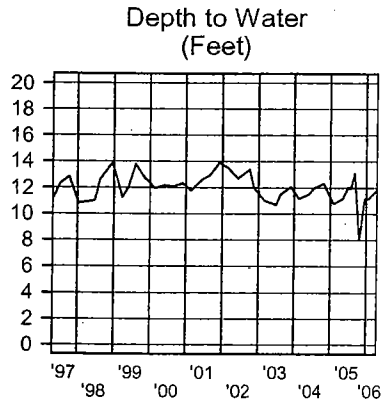
Ag > GW Criteria in blank for samples taken 7/97.

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









SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 04/13/2006

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

05-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	cis-1,2-Di chloro ethene	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	30	70	-						-
04/22/1997	FMETL	ND	ND	ND	11.15						V,S,P,M
07/09/1997	FMETL	ND	ND	ND	11.40						V,S,P,M
10/02/1997	FMETL	ND	ND	ND	11.70						V,S,P,M
01/07/1998	FMETL	ND	ND	ND	11.40						V,S,P,M
06/18/1998	FMETL	ND	ND	ND	10.89						V,S,P,M
08/13/1998	FMETL	ND	ND	ND	11.39						V,S,P,M
12/15/1998	FMETL	ND	ND	ND	12.21						V,S,P,M
03/23/1999	FMETL	ND	ND	ND	11.28						V,S,P,M
05/27/1999	FMETL	ND	ND	ND	11.54						V,S,P,M
08/11/1999	FMETL	ND	ND	ND	11.97						V,S,P,M
11/10/1999	FMETL	ND	ND	ND	11.79						V,S,P,M
02/16/2000	FMETL	ND	ND	ND	11.61						V,S,P,M
05/17/2000	FMETL	ND	ND	ND	11.59						V,S,P,M
08/23/2000	FMETL	1.96	ND	ND	11.33						V,S,P,M
11/27/2000	FMETL	ND	ND	ND	11.69						V,S,P,M
02/20/2001	FMETL	ND	ND	ND	11.40						V,S,P,M
05/24/2001	FMETL	ND	ND	ND	11.38						V,S,P,M
08/22/2001	FMETL	ND	ND	ND	11.59						V,S,P,M
11/16/2001	FMETL	ND	ND	ND	12.11						V,S,P,M
02/28/2002	FMETL	ND	ND	ND	12.32						V,S,P,M
05/31/2002	FMETL	ND	ND	ND	11.87						V,S,P,M
09/30/2002	FMETL	ND	ND	ND	13.78						V,S,P,M
11/12/2002	FMETL	ND	ND	ND	12.90						V,S,P,M
02/25/2003	FMETL	ND	ND	ND	12.04						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	11.35						V
08/06/2003	FMETL	ND	ND	ND	11.77						V
11/18/2003	FMETL	ND	ND	ND	11.28						V
02/11/2004	FMETL	0.66	ND	ND	11.79						V,M
05/24/2004	FMETL	ND	ND	ND	12.05						V
07/15/2004	FMETL	ND	ND	ND	12.15						V
10/22/2004	FMETL	ND	ND	ND	12.06						V
01/26/2005	FMETL	ND	ND	ND	11.96						V
04/29/2005	FMETL	ND	ND	ND	11.94						V
06/24/2005	FMETL	ND	ND	ND	11.31						V
07/22/2005	FMETL	ND	ND	ND	11.25						V
09/01/2005	FMETL	ND	ND	ND	11.60						V
10/20/2005	FMETL	ND	ND	ND	10.33						V
12/12/2005	FMETL	ND	ND	ND	10.81						V
01/12/2006	FMETL	ND	ND	ND	10.75						V

SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 04/13/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

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

	Lab	Trichloro ethene	1,1,1-Tri chloro ethane	cis-1,2-Di chloro ethene	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	1	30	70	-						-
04/13/2006	FMETL	ND	ND	ND	11.27						V

SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 04/13/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

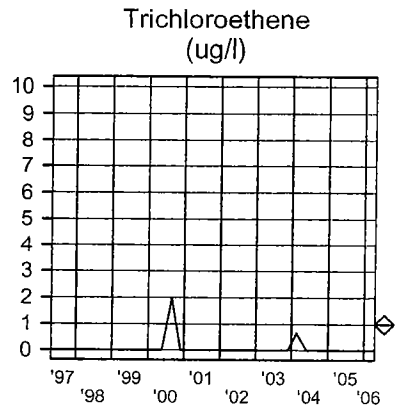
FORT MONMOUTH

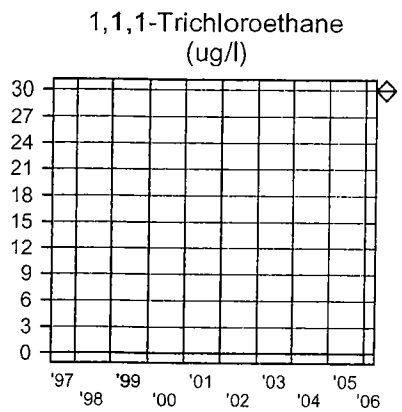
GW MONITORING
CW-1

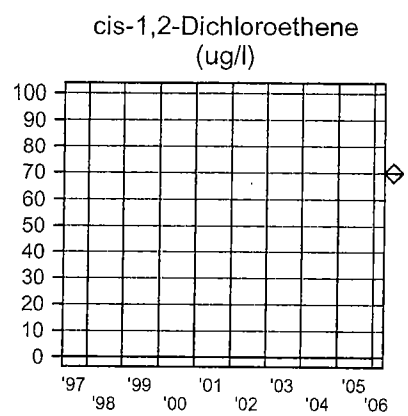
Source 7 of 18 (cont.)

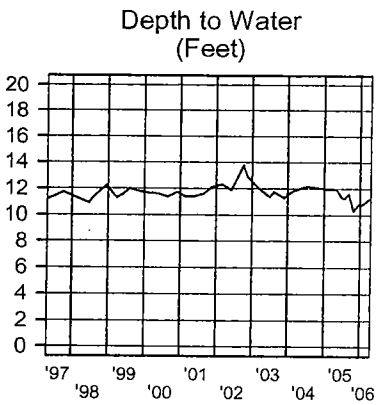
Ag > GW Criteria in blank for samples taken 7/97.

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









SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 04/13/2006

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

05-19-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

APPENDIX D

GROUNDWATER SAMPLING ANALYTICAL REPORT
JULY 12, 2006

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
6031204	CW1MW026	29-32590	07/12/06
6031205	CW1MW027	29-32591	07/12/06
6031206	CW1MW028	29-32592	07/12/06
6031207	CW1MW029	29-32593	07/12/06
6031208	CW1MW030	29-43188	07/12/06
6031209	CW1MW031	29-43189	07/12/06
6031210	CW1MW032	29-43190	07/12/06
6031211	CW1MW034	29-43192	07/12/06
6031212	CW1MW035	29-43193	07/12/06
6031213	CW1MW040	29-43187	07/12/06
6031214	CW1MW281	29-35312	07/12/06
6031215	CW1MW291	29-35314	07/12/06

NJDEP Laboratory Certification # 13461

9-11-06

Daniel Wright/Date:
Laboratory Director

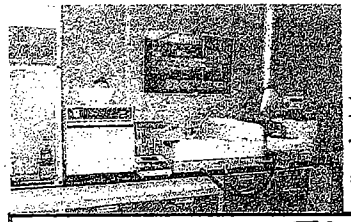
The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

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

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

SAMPLING



Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: JOE FALLON
Phone: 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 3RD QUARTER MONITOR WELL SAMPLING

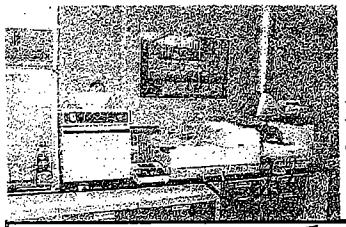
Samplers Name / Company: /TVS WALTER FUNK

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA +15								Comments: Remarks / Preservation Method
0603/2.01	CW-1(2700) TRIP BLANK	7-12-06	8:40	AQ	2	X								
.02	CW-1(2700) FIELD BLANK	7-12-06	10:40	AQ	2	X								
.03	CW-1(2700) DUP.	7-12-06	—	AQ	2	X								
.04	CW-1(2700) MW#26	7-12-06	10:50	AQ	2	X								29-32590
.05	CW-1(2700) MW#27	7-12-06	11:00	AQ	2	X								29-32591
.06	CW-1(2700) MW#28	7-12-06	11:20	AQ	2	X								29-32592
.07	CW-1(2700) MW#29*	7-12-06	11:30	AQ	2	X								29-32593
.08	CW-1(2700) MW#30	7-12-06	12:50	AQ	2	X								29-43188
.09	CW-1(2700) MW#31	7-12-06	13:00	AQ	2	X								29-43189
.10	CW-1(2700) MW#32	7-12-06	15:10	AQ	2	X								29-43190
.11	CW-1(2700) MW#34	7-12-06	15:40	AQ	2	X								29-43192
.12	CW-1(2700) MW#35	7-12-06	15:30	AQ	2	X								29-43193
.13	CW-1(2700) MW#40	7-12-06	14:20	AQ	2	X								29-43187
.14	CW-1(2700) MW#281	7-12-06	13:50	AQ	2	X								29-35312

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	7/12/06 16:08	F. Chiappa			
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:



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: JOE FALLON
Phone: 732-532-6223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 3RD QUARTER MONITOR WELL SAMPLING

Samplers Name / Company: /TVS WALTER FUNK

Analysis Parameters: VOA +15

Comments:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA +15								Remarks / Preservation Method
W0312.15	CW-1(2700) MW#291	7-12-06	14:40	AQ	2	X								

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Walter Funk	7/12/06 16:08	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (X)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)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: 07/12/06
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.06 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.83 ft
(7.83) X .65 X 3 = 15.26
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: 0.00 ppm

PURGE START TIME: 09:31
pH 5.03 su
DISSOLVED O_2 09.15 mg/L
TEMP 17.67 °C
SPECIFIC CONDUCTIVITY 690.0 µs/cm

PURGE END TIME: 10:41
pH 5.61 su
DISSOLVED O_2 8.46 mg/L
TEMP 17.56 °C
SPECIFIC CONDUCTIVITY 1346.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.91 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 10:50
pH 5.33 su
DISSOLVED O_2 8.39 mg/L
TEMP 16.89 °C
SPECIFIC CONDUCTIVITY 1262.0 µs/cm

SAMPLE END TIME: 10:50

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: 07/12/06
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.88 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.01 ft
(8.01) X .65 X 3 = 15.61
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: 0.00 ppm

PURGE START TIME: 09:39
pH 4.31 su
TEMP 18.18 °C
DISSOLVED O_2 9.31 mg/L
SPECIFIC CONDUCTIVITY 555.0 µs/cm

PURGE END TIME: 10:49
pH 3.93 su
TEMP 17.78 °C
DISSOLVED O_2 7.81 mg/L
SPECIFIC CONDUCTIVITY 2725.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.18 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 11:00
pH 3.83 su
TEMP 17.51 °C
DISSOLVED O_2 7.90 mg/L
SPECIFIC CONDUCTIVITY 2888.0 µs/cm

SAMPLE END TIME: 11:00

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: 07/12/06
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 7.19 ft
DEPTH OF WELL: 16.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.74 ft
(9.74) X .65 X 3 = 18.99
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: 0.00 ppm

PURGE START TIME: 09:49
pH 3.81 su
TEMP 18.91 °C
DISSOLVED O_2 9.91 mg/L
SPECIFIC CONDUCTIVITY 1028.0 µs/cm

PURGE END TIME: 11:12
pH 3.83 su
TEMP 18.41 °C
DISSOLVED O_2 7.94 mg/L
SPECIFIC CONDUCTIVITY 2401.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.25 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 11:20
pH 3.79 su
TEMP 18.22 °C
DISSOLVED O_2 7.94 mg/L
SPECIFIC CONDUCTIVITY 2571.0 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: Walter Funk
DATE: 07/12/06
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 6.74 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.13 ft
(10.13) X .65 X 3 = 19.75
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: 0.00 ppm

PURGE START TIME: 10:00
pH 5.31 su — TEMP 17.82 °C
DISSOLVED O_2 5.09 mg/L — SPECIFIC CONDUCTIVITY 3341.0 µs/cm

PURGE END TIME: 11:27
pH 5.98 su — TEMP 17.86 °C
DISSOLVED O_2 4.74 mg/L — SPECIFIC CONDUCTIVITY 2739.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.97 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 11:30
pH 5.32 su — TEMP 17.47 °C
DISSOLVED O_2 4.33 mg/L — SPECIFIC CONDUCTIVITY 2727.0 µs/cm

SAMPLE END TIME: 11:30

COMMENTS: DUP. Here.

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: 07/12/06
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.05 ft
DEPTH OF WELL: 21.45 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.40 ft
(11.40) X .65 X 3 = 22.23
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: 0.00 ppm

PURGE START TIME: 11:08
pH 4.91 su — TEMP 17.04 °C
DISSOLVED O_2 10.02 mg/L — SPECIFIC CONDUCTIVITY 985.0 µs/cm

PURGE END TIME: 12:48
pH 3.74 su — TEMP 17.41 °C
DISSOLVED O_2 8.00 mg/L — SPECIFIC CONDUCTIVITY 3019.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.24 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 12:50
pH 3.55 su — TEMP 16.99 °C
DISSOLVED O_2 8.09 mg/L — SPECIFIC CONDUCTIVITY 2969.0 µs/cm

SAMPLE END TIME: 12:50

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: 07/12/06
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.97 ft
DEPTH OF WELL: 21.73 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.76 ft
(11.76) X .65 X 3 = 22.93
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: 0.00 ppm

PURGE START TIME: 11:14
pH 3.84 su — TEMP 17.51 °C
DISSOLVED O_2 8.87 mg/L — SPECIFIC CONDUCTIVITY 1899.0 µs/cm

PURGE END TIME: 12:54
pH 7.94 su — TEMP 17.68 °C
DISSOLVED O_2 8.78 mg/L — SPECIFIC CONDUCTIVITY 2169.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.08 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 13:00
pH 3.42 su — TEMP 17.41 °C
DISSOLVED O_2 9:11 mg/L — SPECIFIC CONDUCTIVITY 2183.0 µs/cm

SAMPLE END TIME: 13:00

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: 07/12/06
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.24 ft
DEPTH OF WELL: 21.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.56 ft
(10.56) X .65 X 3 = 20.59
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: 0.00 ppm

PURGE START TIME: 13:37
pH 3.43 su — TEMP 19.23 °C
DISSOLVED O_2 8.56 mg/L — SPECIFIC CONDUCTIVITY 1460.0 µs/cm

PURGE END TIME: 15:08
pH 5.27 su — TEMP 19.62 °C
DISSOLVED O_2 9.80 mg/L — SPECIFIC CONDUCTIVITY 1428.0 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: 21 gal

SAMPLE START TIME: 15:10
pH 4.97 su — TEMP 19.10 °C
DISSOLVED O_2 9.72 mg/L — SPECIFIC CONDUCTIVITY 1293.0 µs/cm

SAMPLE END TIME: 15:10

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: 07/12/06
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.58 ft
DEPTH OF WELL: 19.46 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.88 ft
(10.88) X .65 X 3 = 21.21
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: 0.00 ppm

PURGE START TIME: 14:00
pH 5.44 su — TEMP 19.88 °C
DISSOLVED O_2 9.81 mg/L — SPECIFIC CONDUCTIVITY 587.0 µs/cm

PURGE END TIME: 15:36
pH 6.09 su — TEMP 19.73 °C
DISSOLVED O_2 10.95 mg/L — SPECIFIC CONDUCTIVITY 1061.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.02 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 15:40
pH 6.01 su — TEMP 19.52 °C
DISSOLVED O_2 11.03 mg/L — SPECIFIC CONDUCTIVITY 988.0 µs/cm

SAMPLE END TIME: 15:40

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: 07/12/06
WEATHER: Cloudy and warm.
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: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 14:09
pH 4.47 su — TEMP 20.06 °C
DISSOLVED O_2 10.40 mg/L — SPECIFIC CONDUCTIVITY 1144.0 µs/cm

PURGE END TIME: 15:23
pH 4.40 su — TEMP 21.29 °C
DISSOLVED O_2 9.06 mg/L — SPECIFIC CONDUCTIVITY 1193.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.49 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 15:30
pH 4.79 su — TEMP 20.98 °C
DISSOLVED O_2 9.18 mg/L — SPECIFIC CONDUCTIVITY 1140.0 µs/cm

SAMPLE END TIME: 15:30

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: 07/12/06
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 13.67 ft
DEPTH OF WELL: 48.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 34.83 ft
(34.83) X .65 X 3 = 67.91
GALLONS OF H_2O TO BE PURGED: 68 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 0.23 gpm
Hnu READING: 0.00 ppm

PURGE START TIME: 09:20
pH 6.89 su — TEMP 17.40 °C
DISSOLVED O_2 3.39 mg/L — SPECIFIC CONDUCTIVITY 3030.0 µs/cm

PURGE END TIME: 14:16
pH 7.44 su — TEMP 16.25 °C
DISSOLVED O_2 2.38 mg/L — SPECIFIC CONDUCTIVITY 2902.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.53 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 68 gal

SAMPLE START TIME: 14:20
pH 7.72 su — TEMP 16.19 °C
DISSOLVED O_2 2.08 mg/L — SPECIFIC CONDUCTIVITY 2441.0 µs/cm

SAMPLE END TIME: 14:20

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: 07/12/06
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 12.14 ft
DEPTH OF WELL: 43.20 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 31.06 ft
(31.06) X .65 X 3 = 60.56
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: 0.00 ppm

PURGE START TIME: 09:12
pH 7.16 su — TEMP 17.14 °C
DISSOLVED O_2 4.23 mg/L — SPECIFIC CONDUCTIVITY 4407.0 µs/cm

PURGE END TIME: 13:47
pH 7.30 su — TEMP 16.44 °C
DISSOLVED O_2 1.42 mg/L — SPECIFIC CONDUCTIVITY 2672.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.82 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 61 gal

SAMPLE START TIME: 13:50
pH 8.16 su — TEMP 16.25 °C
DISSOLVED O_2 1.39 mg/L — SPECIFIC CONDUCTIVITY 2599.0 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: Corey McCormack
DATE: 07/12/06
WEATHER: Cloudy and warm.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.26 ft
DEPTH OF WELL: 18.18 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.92 ft
(6.92) X .65 X 3 = 13.49
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: 0.00 ppm

PURGE START TIME: 13:29
pH 6.91 su — TEMP 16.19 °C
DISSOLVED O_2 9.07 mg/L — SPECIFIC CONDUCTIVITY 1391.0 µs/cm

PURGE END TIME: 14:30
pH 6.46 su — TEMP 15.96 °C
DISSOLVED O_2 9.98 mg/L — SPECIFIC CONDUCTIVITY 1874.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.52 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 14:40
pH 6.47 su — TEMP 15.81 °C
DISSOLVED O_2 9.86 mg/L — SPECIFIC CONDUCTIVITY 1907.0 µs/cm

SAMPLE END TIME: 14:40

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	VB022765.D	Sample Name	MB 18July06
Operator	Skelton	Field ID	MB 17July06
Date Acquired	18 Jul 2006 4:09 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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 18July2006**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 18July06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022765.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. Date Analyzed: 7/18/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022776.D	Sample Name	6031201
Operator	Skelton	Field ID	Trip Blank
Date Acquired	18 Jul 2006 11:34 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6031201

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022776.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. _____ Date Analyzed: 7/18/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022777.D	Sample Name	6031202
Operator	Skelton	Field ID	Field Blank
Date Acquired	19 Jul 2006 12:15 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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8/29/2006 11:01 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6031202

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022777.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. Date Analyzed: 7/19/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022778.D	Sample Name	6031203
Operator	Skelton	Field ID	Dupe
Date Acquired	19 Jul 2006 12:56 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.86	15549	1.02 ug/L	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.54	720480	58.32 ug/L	1	0.26 ug/L	2.00 ug/L	E
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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8/29/2006 11:01 AM

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

Data File	VB022791.D	Sample Name	6031203
Operator	Skelton	Field ID	Dupe
Date Acquired	19 Jul 2006 9:44 am	Sample Multiplier	2

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	4.02 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	2.46 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	11.40 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.42 ug/L	4.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.52 ug/L	4.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.40 ug/L	4.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.48 ug/L	4.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.46 ug/L	4.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.52 ug/L	4.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.58 ug/L	4.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.46 ug/L	4.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.38 ug/L	4.00 ug/L	
67-64-1	Acetone			not detected	6000	0.72 ug/L	4.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.48 ug/L	4.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.42 ug/L	4.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.48 ug/L	4.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.48 ug/L	4.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.40 ug/L	4.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.52 ug/L	4.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.40 ug/L	4.00 ug/L	
67-66-3	Chloroform			not detected	70	0.44 ug/L	4.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.40 ug/L	4.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.48 ug/L	4.00 ug/L	
71-43-2	Benzene			not detected	1	0.48 ug/L	4.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.46 ug/L	4.00 ug/L	
79-01-6	Trichloroethene	19.54	291436	51.70 ug/L	1	0.52 ug/L	4.00 ug/L	D
78-87-5	1,2-Dichloropropane			not detected	1	0.48 ug/L	4.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.44 ug/L	4.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.46 ug/L	4.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.44 ug/L	4.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.70 ug/L	4.00 ug/L	
108-88-3	Toluene			not detected	1000	0.52 ug/L	4.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.50 ug/L	4.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.56 ug/L	4.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.40 ug/L	4.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.86 ug/L	4.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.44 ug/L	4.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.56 ug/L	4.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.54 ug/L	4.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.86 ug/L	8.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.42 ug/L	4.00 ug/L	
100-42-5	Styrene			not detected	100	0.42 ug/L	4.00 ug/L	
75-25-2	Bromoform			not detected	4	0.54 ug/L	4.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.90 ug/L	4.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.72 ug/L	4.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.70 ug/L	4.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.90 ug/L	4.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6031203

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022778.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. _____ Date Analyzed: 7/19/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022779.D	Sample Name	6031204
Operator	Skelton	Field ID	CW1MW#26
Date Acquired	19 Jul 2006 1:36 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#26**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6031204

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022779.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. _____ Date Analyzed: 7/19/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022780.D	Sample Name	6031205
Operator	Skelton	Field ID	CW1MW#27
Date Acquired	19 Jul 2006 2:17 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.54	56006	4.77 ug/L	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: CW1MW#27

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6031205

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022780.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. Date Analyzed: 7/19/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022781.D	Sample Name	6031206
Operator	Skelton	Field ID	CW1MW#28
Date Acquired	19 Jul 2006 2:58 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.54	24145	2.13 ug/L	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#28**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6031206

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022781.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. _____ Date Analyzed: 7/19/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022782.D	Sample Name	6031207
Operator	Skelton	Field ID	CW1MW#29
Date Acquired	19 Jul 2006 3:38 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.88	15392	1.05 ug/L	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.54	713735	58.99 ug/L	1	0.26 ug/L	2.00 ug/L	B
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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8/29/2006 11:01 AM

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

Data File	VB022792.D	Sample Name	6031207
Operator	Skelton	Field ID	CW1MW#29
Date Acquired	19 Jul 2006 10:25 am	Sample Multiplier	2

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	4.02 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	2.46 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	11.40 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.42 ug/L	4.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.52 ug/L	4.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.40 ug/L	4.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.48 ug/L	4.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.46 ug/L	4.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.52 ug/L	4.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.58 ug/L	4.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.46 ug/L	4.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.38 ug/L	4.00 ug/L	
67-64-1	Acetone			not detected	6000	0.72 ug/L	4.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.48 ug/L	4.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.42 ug/L	4.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.48 ug/L	4.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.48 ug/L	4.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.40 ug/L	4.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.52 ug/L	4.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.40 ug/L	4.00 ug/L	
67-66-3	Chloroform			not detected	70	0.44 ug/L	4.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.40 ug/L	4.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.48 ug/L	4.00 ug/L	
71-43-2	Benzene			not detected	1	0.48 ug/L	4.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.46 ug/L	4.00 ug/L	
79-01-6	Trichloroethene	19.54	295546	52.97 ug/L	1	0.52 ug/L	4.00 ug/L	D
78-87-5	1,2-Dichloropropane			not detected	1	0.48 ug/L	4.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.44 ug/L	4.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.46 ug/L	4.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.44 ug/L	4.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.70 ug/L	4.00 ug/L	
108-88-3	Toluene			not detected	1000	0.52 ug/L	4.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.50 ug/L	4.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.56 ug/L	4.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.40 ug/L	4.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.86 ug/L	4.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.44 ug/L	4.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.56 ug/L	4.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.54 ug/L	4.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.86 ug/L	8.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.42 ug/L	4.00 ug/L	
100-42-5	Styrene			not detected	100	0.42 ug/L	4.00 ug/L	
75-25-2	Bromoform			not detected	4	0.54 ug/L	4.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.90 ug/L	4.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.72 ug/L	4.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.70 ug/L	4.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.90 ug/L	4.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#29**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6031207

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022782.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. _____ Date Analyzed: 7/19/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022783.D	Sample Name	6031208
Operator	Skelton	Field ID	CW1MW#30
Date Acquired	19 Jul 2006 4:19 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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8/29/2006 11:02 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#30**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6031208

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022783.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. _____ Date Analyzed: 7/19/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022784.D	Sample Name	6031209
Operator	Skelton	Field ID	CW1MW#31
Date Acquired	19 Jul 2006 5:00 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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8/29/2006 11:02 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#31**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6031209

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022784.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. Date Analyzed: 7/19/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022785.D	Sample Name	6031210
Operator	Skelton	Field ID	CW1MW#32
Date Acquired	19 Jul 2006 5:40 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank

E = Value above linear range

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: **CW1MW#32**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6031210

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022785.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. _____ Date Analyzed: 7/19/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022786.D	Sample Name	6031211
Operator	Skelton	Field ID	CW1MW#34
Date Acquired	19 Jul 2006 6:21 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: CW1MW#34

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6031211

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022786.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. _____ Date Analyzed: 7/19/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022787.D	Sample Name	6031212
Operator	Skelton	Field ID	CW1MW#35
Date Acquired	19 Jul 2006 7:02 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#35**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6031212

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022787.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. _____ Date Analyzed: 7/19/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022788.D	Sample Name	6031213
Operator	Skelton	Field ID	CW1MW#40
Date Acquired	19 Jul 2006 7:42 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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8/29/2006 11:02 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW#40**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6031213

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022788.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. _____ Date Analyzed: 7/19/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022789.D	Sample Name	6031214
Operator	Skelton	Field ID	CW1MW#281
Date Acquired	19 Jul 2006 8:23 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	12496	0.86 ug/L	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.54	703183	60.33 ug/L	1	0.26 ug/L	2.00 ug/L	E
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

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

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

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8/29/2006 11:02 AM

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

Data File	VB022793.D	Sample Name	6031214
Operator	Skelton	Field ID	CW1MW#281
Date Acquired	19 Jul 2006 11:05 am	Sample Multiplier	2

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	4.02 ug/L	10.00 ug/L	
107131	Acrylonitrile			not detected	5	2.46 ug/L	10.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	11.40 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.42 ug/L	4.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.52 ug/L	4.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.40 ug/L	4.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.48 ug/L	4.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.46 ug/L	4.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.52 ug/L	4.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.58 ug/L	4.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.46 ug/L	4.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.38 ug/L	4.00 ug/L	
67-64-1	Acetone			not detected	6000	0.72 ug/L	4.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.48 ug/L	4.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.42 ug/L	4.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.48 ug/L	4.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.48 ug/L	4.00 ug/L	
108-05-4	Vinyl Acetate			not detected	7000	0.40 ug/L	4.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.52 ug/L	4.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.40 ug/L	4.00 ug/L	
67-66-3	Chloroform			not detected	70	0.44 ug/L	4.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.40 ug/L	4.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.48 ug/L	4.00 ug/L	
71-43-2	Benzene			not detected	1	0.48 ug/L	4.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.46 ug/L	4.00 ug/L	
79-01-6	Trichloroethene	19.54	307276	55.82 ug/L	1	0.52 ug/L	4.00 ug/L	D
78-87-5	1,2-Dichloropropane			not detected	1	0.48 ug/L	4.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.44 ug/L	4.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.46 ug/L	4.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.44 ug/L	4.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.70 ug/L	4.00 ug/L	
108-88-3	Toluene			not detected	1000	0.52 ug/L	4.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.50 ug/L	4.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.56 ug/L	4.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.40 ug/L	4.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.86 ug/L	4.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.44 ug/L	4.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.56 ug/L	4.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.54 ug/L	4.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.86 ug/L	8.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.42 ug/L	4.00 ug/L	
100-42-5	Styrene			not detected	100	0.42 ug/L	4.00 ug/L	
75-25-2	Bromoform			not detected	4	0.54 ug/L	4.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.90 ug/L	4.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.72 ug/L	4.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.70 ug/L	4.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.90 ug/L	4.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Interim Criteria as per N.J.A.C. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#281**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6031214

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022789.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. _____ Date Analyzed: 7/19/2006

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	VB022790.D	Sample Name	6031215
Operator	Skelton	Field ID	CW1MW#291
Date Acquired	19 Jul 2006 9:03 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	5	2.01 ug/L	5.00 ug/L	
107131	Acrylonitrile			not detected	5	1.23 ug/L	5.00 ug/L	
75650	tert-Butyl alcohol			not detected	100	5.70 ug/L	10.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.21 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	20000	0.26 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	1000	0.20 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	nle	0.24 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	1	0.23 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.26 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	2000	0.23 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	1	0.19 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	6000	0.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	700	0.24 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	3	0.21 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.24 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	50	0.24 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	0.26 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	70	0.20 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	70	0.22 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.20 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	1	0.24 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.24 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.23 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.26 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.24 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.23 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	1	0.22 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.35 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.26 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1	0.25 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.20 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.43 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	1	0.22 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	50	0.28 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.27 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.43 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.21 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.21 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.27 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1	0.45 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.36 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.35 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.45 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. 7:9C 07Nov2005

Qualifiers

B = Compound found in related blank
E = Value above linear range
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: **CW1MW#291**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 60312 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 6031215

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB022790.D

Level: (low/med) LOW Date Received: 7/12/2006

% Moisture: not dec. _____ Date Analyzed: 7/19/2006

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

Soil Extract Volume: _____ (uL) Soil 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	2-Butanone	Trichloroethene	1,2,4-Trichlorobenzene	cis-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
04/23/1997	FMETL	ND	ND	ND	ND	ND	ND	8.60			V,S,P,M
07/07/1997	FMETL	ND	ND	ND	ND	ND	ND	8.98			V,S,P,M
10/01/1997	FMETL	ND	ND	ND	ND	ND	ND	9.45			V,S,P,M
01/06/1998	FMETL	ND	ND	ND	ND	ND	ND	9.05			V,S,P,M
06/16/1998	FMETL	ND	1.10	ND	ND	ND	ND	8.61			V,S,P,M
08/13/1998	FMETL	5.49	ND	ND	ND	ND	ND	9.16			V,S,P,M
12/15/1998	FMETL	ND	ND	ND	ND	ND	ND	10.18			V,S,P,M
03/23/1999	FMETL	ND	ND	ND	ND	ND	ND	9.07			V,S,P,M
05/27/1999	FMETL	ND	ND	ND	ND	ND	ND	9.42			V,S,P,M
08/11/1999	FMETL	ND	ND	ND	ND	ND	ND	9.89			V,S,P,M
11/10/1999	FMETL	ND	ND	ND	ND	ND	ND	9.70			V,S,P,M
02/16/2000	FMETL	ND	ND	ND	ND	ND	ND	9.44			V,S,P,M
05/17/2000	FMETL	ND	ND	ND	ND	ND	ND	9.35			V,S,P,M
08/23/2000	FMETL	ND	ND	ND	ND	ND	ND	9.16			V,S,P,M
11/27/2000	FMETL	ND	ND	ND	ND	ND	ND	9.64			V,S,P,M
11/27/2000D	FMETL	ND	ND	ND	ND	ND	ND	9.64			V,S,P,M
02/15/2001	FMETL	ND	ND	ND	ND	ND	ND	8.98			V,S,P,M
02/15/2001D	FMETL	ND	ND	ND	ND	ND	ND	8.98			V,S,P,M
05/24/2001	FMETL	ND	ND	ND	ND	ND	ND	9.06			V,S,P,M
08/22/2001	FMETL	ND	ND	ND	ND	ND	ND	9.38			V,S,P,M
11/16/2001	FMETL	ND	ND	ND	ND	ND	1.71	10.05			V,S,P,M
02/28/2002	FMETL	ND	ND	ND	ND	ND	ND	10.33			V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	ND	ND	9.81			V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	ND	ND	13.90			V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	ND	ND	12.58			V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	ND	ND	10.85			V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	ND	ND	10.38			V
08/06/2003	FMETL	ND	ND	ND	ND	ND	ND	9.88			V
11/18/2003	FMETL	ND	ND	ND	ND	ND	ND	9.10			V
02/11/2004	FMETL	ND	ND	ND	ND	ND	ND	10.74			V,M
05/24/2004	FMETL	ND	ND	ND	ND	ND	ND	11.15			V
07/15/2004	FMETL	ND	ND	ND	ND	ND	ND	11.15			V
10/22/2004	FMETL	ND	ND	ND	ND	ND	ND	11.15			V
01/26/2005	FMETL	ND	ND	ND	ND	ND	ND	10.88			V
04/28/2005	FMETL	ND	ND	ND	ND	ND	ND	10.89			V
06/23/2005	FMETL	ND	ND	ND	ND	ND	ND	9.04			V
07/21/2005	FMETL	ND	ND	ND	ND	ND	ND	9.02			V
08/30/2005	FMETL	ND	ND	ND	ND	ND	ND	9.38			V
10/20/2005	FMETL	ND	1.79	ND	ND	ND	ND	8.01			V

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

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

	Lab	2-Butan one	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	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
12/09/2005	FMETL	ND	2.69	ND	ND	ND	0.44	8.58			V
01/12/2006	FMETL	ND	1.68	ND	ND	ND	0.42	8.37			V
04/13/2006	FMETL	ND	ND	ND	ND	ND	ND	8.98			V
07/12/2006	FMETL	ND	ND	ND	ND	ND	ND	9.06			V

SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

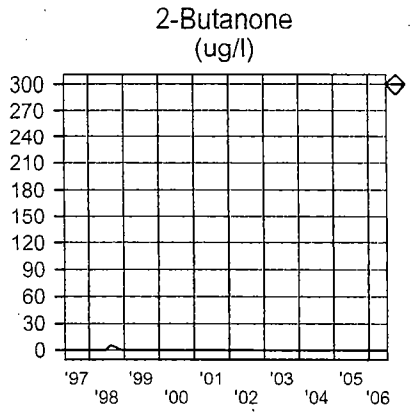
FORT MONMOUTH

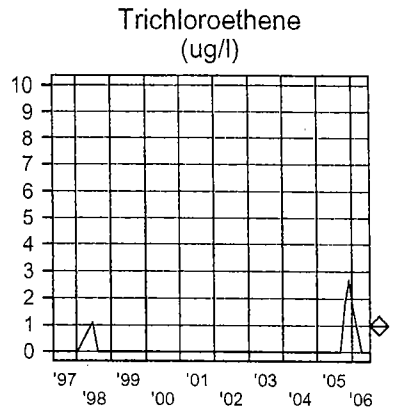
GW MONITORING
CW-1

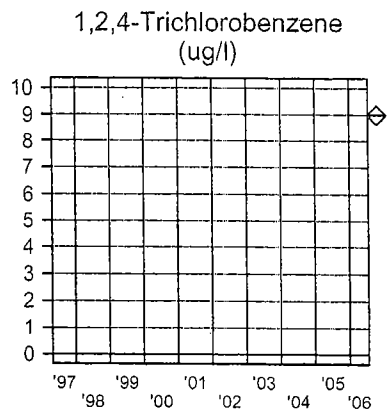
Source 1 of 18 (cont.)

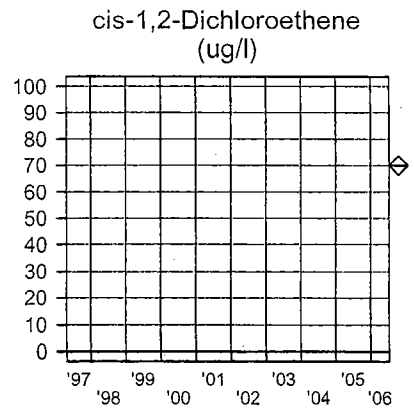
Ag > GW Criteria in blank for samples taken 7/97.

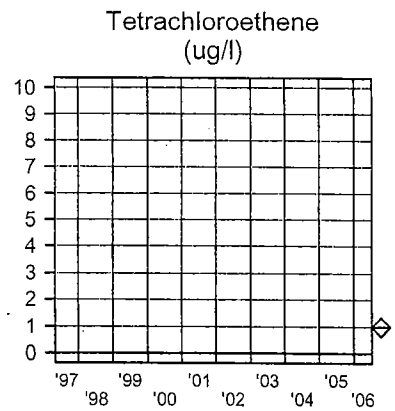
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

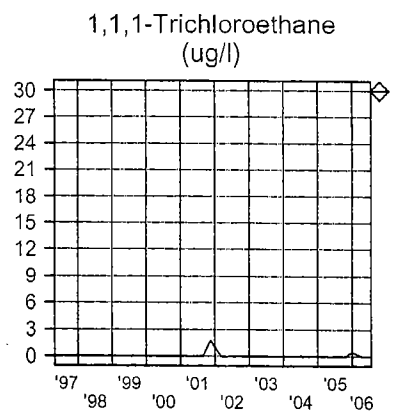


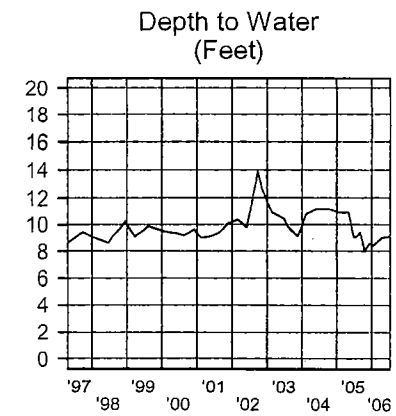












SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 07/12/2006

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

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	2-Butanone	Trichloroethene	1,2,4-Trichlorobenzene	cis-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
04/23/1997	FMETL	ND	ND	ND	ND	ND	ND	8.60			V,S,P,M
07/07/1997	FMETL	ND	ND	ND	ND	ND	ND	9.00			V,S,P,M
10/01/1997	FMETL	ND	ND	ND	ND	ND	ND	9.50			V,S,P,M
01/06/1998	FMETL	ND	ND	ND	ND	ND	ND	8.95			V,S,P,M
06/16/1998	FMETL	ND	ND	ND	ND	ND	ND	8.38			V,S,P,M
08/13/1998	FMETL	ND	ND	ND	ND	ND	ND	8.98			V,S,P,M
12/15/1998	FMETL	ND	ND	ND	ND	ND	ND	10.13			V,S,P,M
03/23/1999	FMETL	ND	ND	ND	ND	ND	ND	8.93			V,S,P,M
05/27/1999	FMETL	ND	ND	ND	ND	ND	ND	9.30			V,S,P,M
08/11/1999	FMETL	ND	ND	ND	ND	ND	ND	9.84			V,S,P,M
11/10/1999	FMETL	ND	ND	ND	ND	ND	ND	9.66			V,S,P,M
02/16/2000	FMETL	ND	ND	ND	ND	ND	ND	9.37			V,S,P,M
05/17/2000	FMETL	ND	ND	ND	ND	ND	ND	9.24			V,S,P,M
08/23/2000	FMETL	ND	1.46	ND	ND	ND	ND	9.52			V,S,P,M
11/27/2000	FMETL	ND	ND	ND	ND	ND	ND	9.58			V,S,P,M
02/15/2001	FMETL	ND	ND	ND	ND	ND	ND	8.84			V,S,P,M
05/24/2001	FMETL	ND	ND	ND	ND	ND	ND	8.89			V,S,P,M
08/22/2001	FMETL	2.89	ND	ND	ND	ND	ND	9.20			V,S,P,M
11/16/2001	FMETL	ND	ND	ND	ND	ND	3.06	10.00			V,S,P,M
02/28/2002	FMETL	ND	7.14	ND	ND	ND	4.48	10.25			V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	ND	ND	9.70			V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	ND	ND	13.77			V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	ND	ND	12.48			V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	ND	ND	10.52			V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	ND	ND	10.25			V
08/06/2003	FMETL	ND	ND	ND	ND	ND	1.11	9.62			V
11/18/2003	FMETL	ND	ND	ND	ND	ND	4.21	8.91			V
02/11/2004	FMETL	ND	ND	ND	ND	ND	0.48	10.54			V,M
05/24/2004	FMETL	ND	ND	ND	ND	ND	ND	11.04			V
07/15/2004	FMETL	ND	ND	ND	ND	ND	ND	11.05			V
10/22/2004	FMETL	ND	ND	ND	ND	ND	ND	11.05			V
01/26/2005	FMETL	ND	ND	ND	ND	ND	ND	10.76			V
04/28/2005	FMETL	ND	ND	ND	ND	ND	ND	10.83			V
06/23/2005	FMETL	ND	1.13	ND	ND	ND	ND	8.85			V
07/21/2005	FMETL	ND	2.26	ND	ND	ND	ND	8.84			V
08/30/2005	FMETL	ND	2.92	ND	ND	ND	ND	9.23			V
10/20/2005	FMETL	ND	12.81	ND	ND	ND	ND	7.73			V
12/09/2005	METL	ND	2.03	ND	ND	ND	0.89	8.31			V
01/12/2006	FMETL	ND	1.74	ND	ND	ND	0.71	8.07			V

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

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

	Lab	2-Butan one	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	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
04/13/2006	FMETL	ND	0.72	ND	ND	ND	ND	8.74			V
07/12/2006	FMETL	ND	4.77	ND	ND	ND	ND	8.88			V

SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

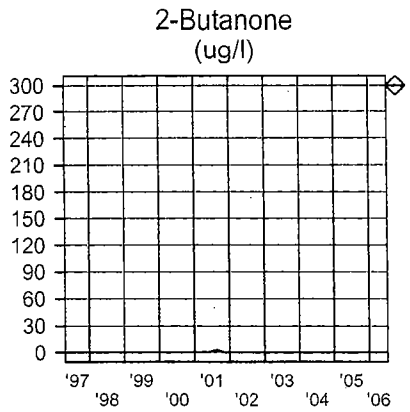
FORT MONMOUTH

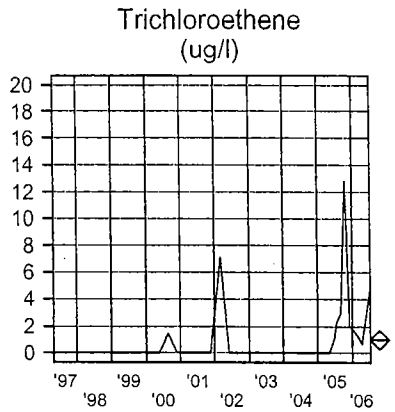
GW MONITORING
CW-1

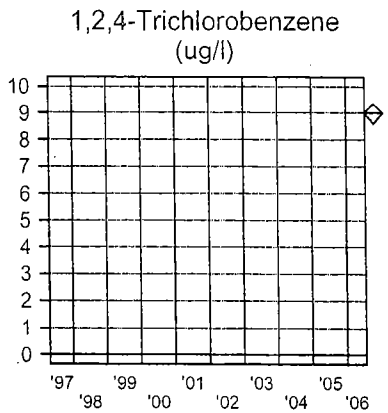
Source 2 of 18 (cont.)

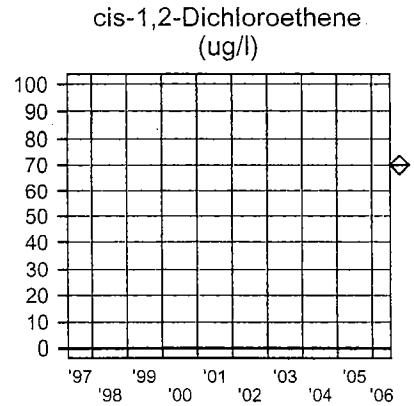
Ag > GW Criteria in blank for samples taken 7/97.

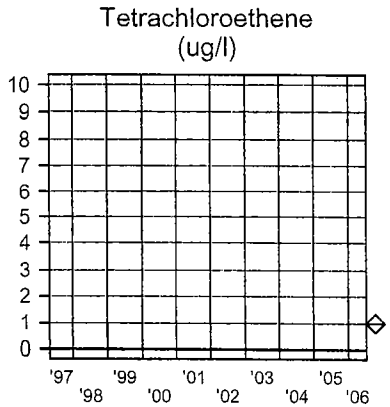
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

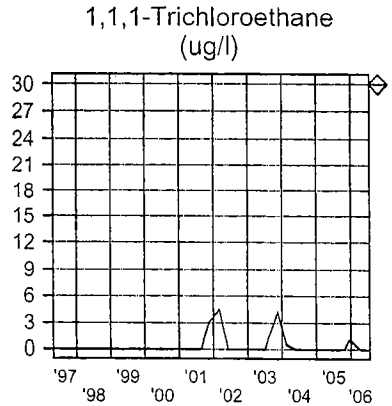


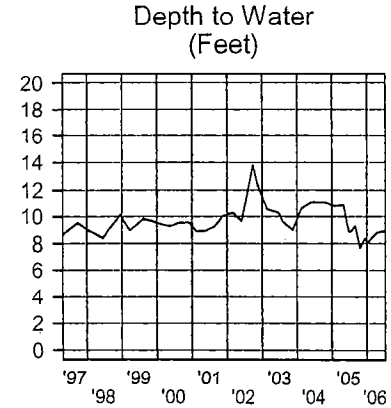












SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 07/12/2006

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

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	2-Butan one	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	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
04/23/1997	FMETL	ND	ND	ND	ND	ND	ND	9.05			V,S,P,M
07/07/1997	FMETL	ND	ND	ND	ND	ND	ND	9.20			V,S,P,M
10/01/1997	FMETL	ND	59.4	ND	ND	ND	ND	9.70			V,S,P,M
01/06/1998	FMETL	ND	27.7	ND	ND	ND	ND	9.40			V,S,P,M
06/16/1998	FMETL	ND	ND	ND	ND	ND	ND	8.84			V,S,P,M
08/13/1998	FMETL	2.13	ND	ND	ND	ND	ND	9.51			V,S,P,M
12/15/1998	FMETL	ND	33.9	ND	ND	ND	ND	10.63			V,S,P,M
03/23/1999	FMETL	ND	7.15	ND	ND	ND	ND	9.38			V,S,P,M
05/27/1999	FMETL	ND	3.10	ND	ND	ND	ND	9.79			V,S,P,M
08/11/1999	FMETL	ND	297.82	ND	1.59	ND	ND	10.32			V,S,P,M
11/10/1999	FMETL	ND	174.48	ND	25.4	ND	ND	10.13			V,S,P,M
02/16/2000	FMETL	ND	103.32	ND	4.24	ND	ND	9.84			V,S,P,M
05/17/2000	FMETL	ND	8.48	ND	ND	ND	ND	9.75			V,S,P,M
08/23/2000	FMETL	ND	43.36	ND	ND	ND	ND	9.06			V,S,P,M
11/27/2000	FMETL	ND	70.95	ND	ND	ND	ND	10.02			V,S,P,M
02/15/2001	FMETL	ND	9.23	ND	ND	ND	ND	9.31			V,S,P,M
05/24/2001	FMETL	ND	ND	ND	ND	ND	2.83	9.36			V,S,P,M
08/22/2001	FMETL	ND	3.32	ND	ND	ND	ND	9.77			V,S,P,M
11/16/2001	FMETL	ND	26.20	ND	ND	ND	ND	10.49			V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	ND	ND	13.62			V
06/26/2003	FMETL	ND	ND	ND	ND	ND	ND	10.11			V
08/06/2003	FMETL	ND	1.18	ND	ND	ND	ND	7.95			V
11/18/2003	FMETL	ND	2.08	ND	ND	ND	ND	7.98			V
02/11/2004	FMETL	ND	ND	ND	ND	ND	ND	9.88			V,M
05/24/2004	FMETL	ND	ND	ND	ND	ND	ND	10.65			V
07/15/2004	FMETL	ND	ND	ND	ND	ND	ND	10.58			V
10/22/2004	FMETL	ND	ND	ND	ND	ND	ND	10.71			V
01/26/2005	FMETL	ND	1.61	ND	ND	ND	ND	10.12			V
04/28/2005	FMETL	ND	0.88	ND	ND	ND	ND	9.63			V
06/23/2005	FMETL	ND	0.83	ND	ND	ND	ND	7.16			V
07/21/2005	FMETL	ND	1.31	ND	ND	ND	ND	7.14			V
08/30/2005	FMETL	ND	3.05	ND	ND	ND	ND	7.51			V
10/20/2005	FMETL	ND	9.76	ND	ND	ND	ND	6.01			V
12/09/2005	FMETL	ND	4.88	ND	ND	ND	ND	6.62			V
01/12/2006	FMETL	ND	2.30	ND	ND	ND	ND	6.35			V
04/13/2006	FMETL	ND	0.30	ND	ND	ND	ND	7.04			V
07/12/2006	FMETL	ND	2.13	ND	ND	ND	ND	7.19			V

SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

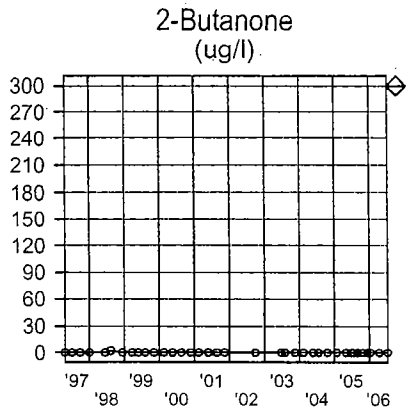
FORT MONMOUTH

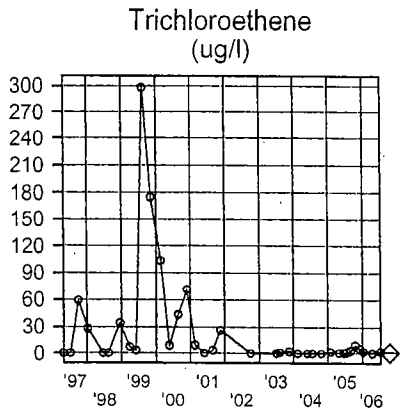
GW MONITORING
CW-1

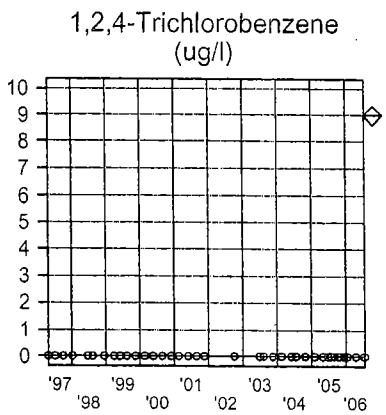
Source 3 of 18

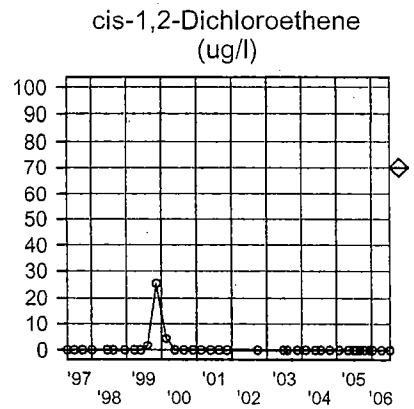
^g > GW Criteria in blank for samples taken 7/97.

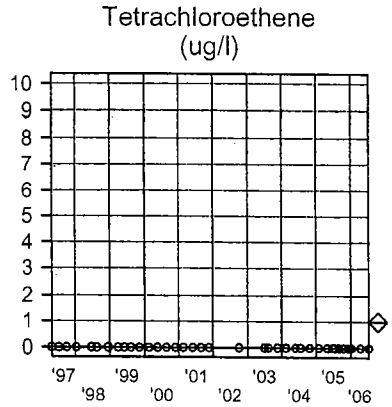
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

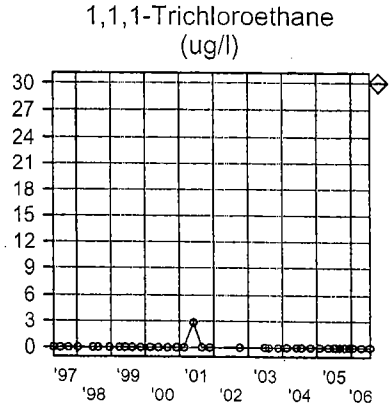


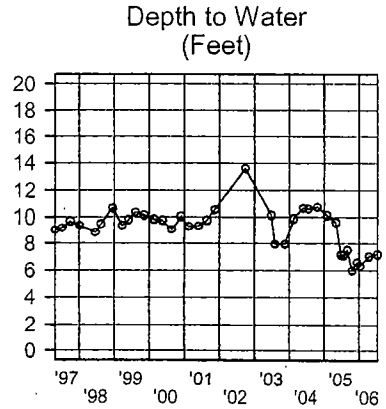












SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 07/12/2006

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

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	2-Butanone	Trichloroethene	1,2,4-Trichlorobenzene	cis-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
04/23/1997	FMETL	ND	3200	1.55	47	1.74	ND	8.90			V,S,P,M
07/07/1997	FMETL	ND	4900	ND	92	7.75	ND	9.30			V,S,P,M
10/01/1997	FMETL	ND	7820	ND	290	5.75	ND	9.98			V,S,P,M
01/06/1998	FMETL	ND	1705	ND	67	ND	ND	9.10			V,S,P,M
06/16/1998	FMETL	ND	83.11	ND	11.97	ND	ND	8.67			V,S,P,M
08/13/1998	FMETL	4.36	498	3.98	88	ND	ND	9.26			V,S,P,M
12/12/1998	FMETL	ND	374.58	ND	161.61	ND	ND	10.30			V,S,P,M
03/23/1999	FMETL	ND	1342	4.27	126.68	ND	ND	9.90			V,S,P,M
05/27/1999	FMETL	ND	950.05	5.08	75.55	ND	ND	9.59			V,S,P,M
08/11/1999	FMETL	ND	288.11	ND	523.43	ND	ND	10.00			V,S,P,M
11/10/1999	FMETL	ND	62.96	5.44	746.30	ND	ND	9.81			V,S,P,M
02/16/2000	FMETL	ND	41.51	1.67	175.38	ND	ND	9.54			V,S,P,M
05/17/2000	FMETL	ND	357.72	2.10	186.08	ND	ND	9.47			V,S,P,M
08/23/2000	FMETL	ND	263.49	2.21	352.10	ND	ND	9.24			V,S,P,M
11/27/2000	FMETL	ND	54.06	ND	96.55	ND	ND	9.71			V,S,P,M
02/15/2001	FMETL	ND	1951.41	ND	250.62	ND	ND	9.09			V,S,P,M
05/24/2001	FMETL	ND	470.48	1.50	66.54	ND	ND	9.14			V,S,P,M
08/22/2001	FMETL	ND	2040.65	1.77	340.29	ND	ND	9.44			V,S,P,M
11/16/2001	FMETL	ND	67.36	ND	118.26	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	ND	7.17	ND	ND	ND	ND	10.45			V
07/15/2004	FMETL	ND	17.49	ND	ND	ND	ND	9.82			V
10/22/2004	FMETL	ND	ND	ND	ND	ND	ND	10.2			V
01/26/2005	FMETL	ND	0.62	ND	ND	ND	ND	9.50			V
04/28/2005	FMETL	ND	ND	ND	ND	ND	ND	9.57			V
04/28/2005	FMETL	ND	ND	ND	ND	ND	ND	10.78			V
06/23/2005	FMETL	ND	1.48	ND	ND	ND	ND	6.72			V
07/21/2005	FMETL	ND	1.74	ND	ND	ND	ND	6.70			V
08/30/2005	FMETL	ND	4.59	ND	ND	ND	ND	7.07			V
10/20/2005	FMETL	ND	3.75	ND	ND	ND	ND	5.65			V
12/09/2005	FMETL	ND	20.16	ND	0.99	ND	3.42	6.26			V
01/12/2006	FMETL	ND	2.57	ND	ND	ND	ND	6.06			V
04/13/2006	FMETL	ND	18.48	ND	0.29	ND	0.22	6.67			V
07/12/2006	FMETL	ND	52.97	ND	1.05	ND	ND	6.74			V

SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

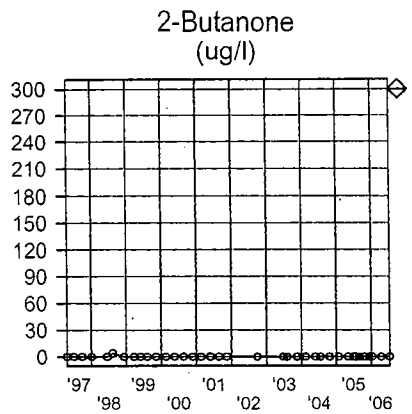
FORT MONMOUTH

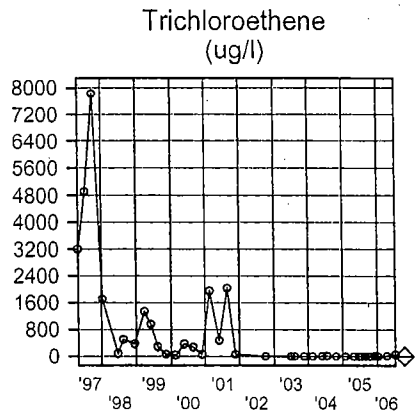
GW MONITORING
CW-1

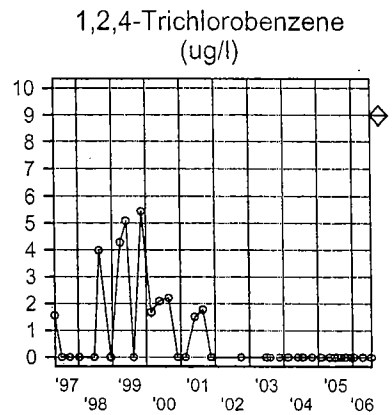
Source 4 of 18

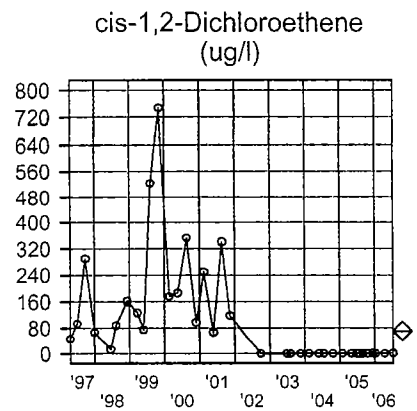
g > GW Criteria in blank for samples taken 7/97.

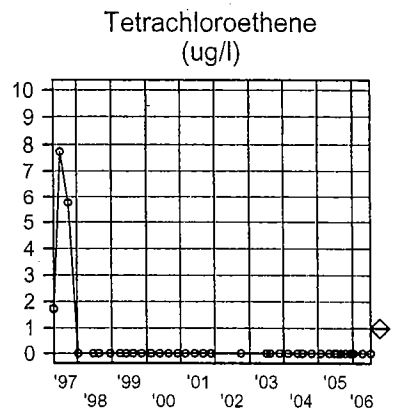
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

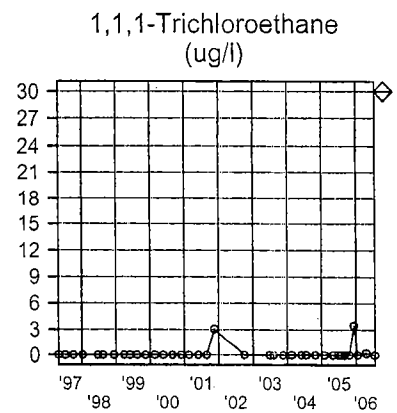


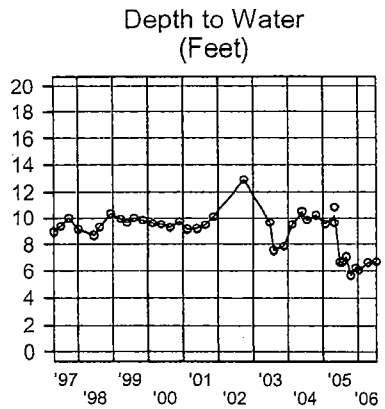












SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 07/12/2006

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

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	2-Butanone	Trichloroethene	1,2,4-Trichlorobenzene	cis-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
11/27/2000	FMETL	ND	ND	ND	ND	ND	ND	10.73			V,S,P,M
02/15/2001	FMETL	ND	ND	ND	ND	ND	ND	9.91			V,S,P,M
05/24/2001	FMETL	ND	ND	ND	ND	ND	ND	9.89			V,S,P,M
08/22/2001	FMETL	ND	1.36	ND	ND	ND	ND	10.41			V,S,P,M
11/16/2001	FMETL	ND	ND	ND	ND	ND	ND	11.26			V,S,P,M
02/28/2002	FMETL	ND	ND	ND	ND	ND	ND	11.59			V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	ND	ND	10.96			V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	ND	ND	13.25			V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	ND	ND	12.27			V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	ND	ND	10.81			V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	ND	ND	10.11			V
08/06/2003	FMETL	ND	ND	ND	ND	ND	ND	9.52			V
11/18/2003	FMETL	ND	ND	ND	ND	ND	ND	10.10			V
02/11/2004	FMETL	ND	ND	ND	ND	ND	ND	10.54			V,M
05/24/2004	FMETL	ND	ND	ND	ND	ND	ND	10.97			V
07/15/2004	FMETL	ND	ND	ND	ND	ND	ND	11.18			V
10/22/2004	FMETL	ND	ND	ND	ND	ND	ND	11.29			V
01/26/2005	FMETL	ND	ND	ND	ND	ND	ND	10.94			V
06/23/2005	FMETL	ND	ND	ND	ND	ND	ND	10.02			V
07/21/2005	FMETL	ND	ND	ND	ND	ND	ND	10.04			V
08/30/2005	FMETL	ND	ND	ND	ND	ND	ND	10.51			V
10/20/2005	FMETL	ND	ND	ND	ND	ND	ND	8.74			V
12/12/2005	FMETL	ND	ND	ND	ND	ND	ND	9.32			V
01/12/2006	FMETL	ND	ND	ND	ND	ND	ND	9.03			V
04/13/2006	FMETL	ND	ND	ND	ND	ND	ND	9.85			V
07/12/2006	FMETL	ND	ND	ND	ND	ND	ND	10.05			V

SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

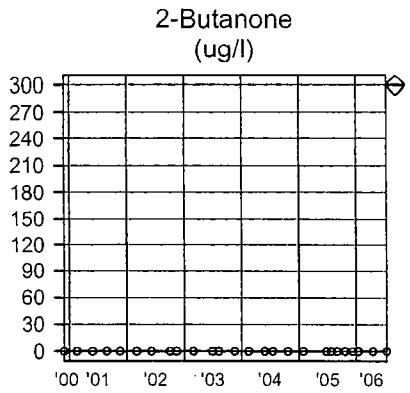
FORT MONMOUTH

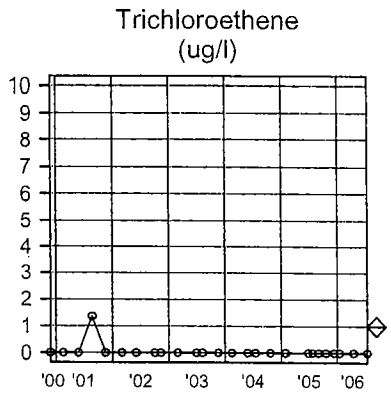
GW MONITORING
CW-1

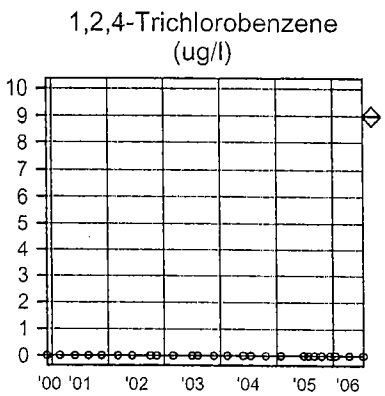
Source 8 of 18

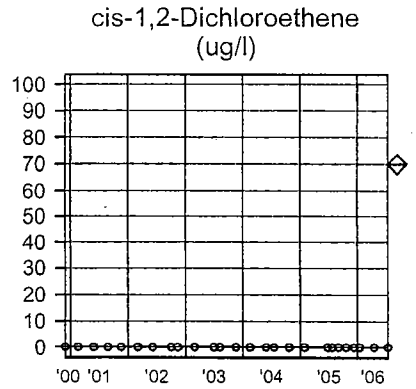
Ag > GW Criteria in blank for samples taken 7/97.

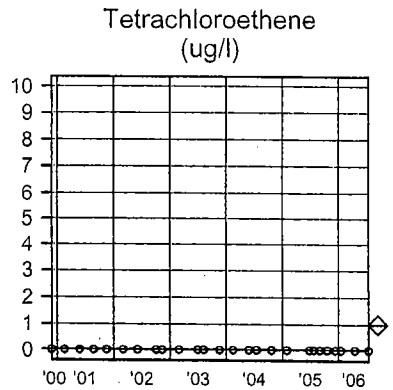
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

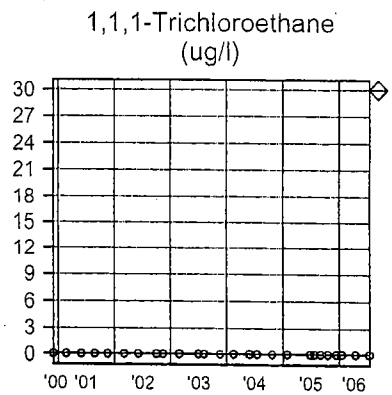


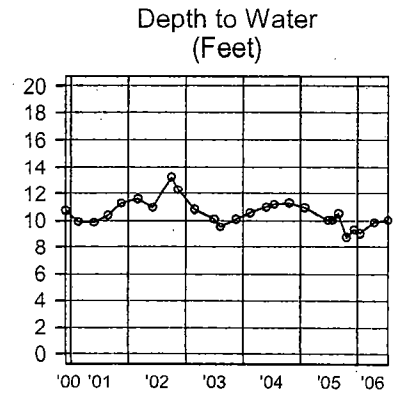












SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 07/12/2006

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

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	2-Butan one	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	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
11/27/2000	FMETL	ND	139.49	ND	1.20	ND	ND	10.46			V,S,P,M
02/15/2001	FMETL	ND	29.68	ND	ND	ND	ND	9.96			V,S,P,M
05/24/2001	FMETL	ND	ND	ND	ND	ND	ND	10.10			V,S,P,M
05/24/2001D	FMETL	ND	ND	ND	ND	ND	ND	10.10			V,S,P,M
08/22/2001	FMETL	ND	ND	ND	ND	ND	1.86	10.31			V,S,P,M
11/16/2001	FMETL	ND	358.39	ND	128.72	ND	2.81	10.90			V,S,P,M
11/16/2001D	FMETL	ND	472.71	ND	175.13	ND	2.08	10.90			V,S,P,M
02/28/2002	FMETL	ND	ND	ND	ND	ND	2.25	11.09			V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	ND	4.57	10.61			V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	ND	ND	13.68			V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	ND	ND	12.58			V,S,P,M
02/25/2003	FMETL	ND	1.39	ND	ND	ND	0.69	11.43			V,S,P,M
06/26/2003	FMETL	ND	5.07	ND	1.04	ND	1.34	10.78			V
08/06/2003	FMETL	ND	ND	ND	ND	ND	ND	10.75			V
11/18/2003	FMETL	ND	0.81	ND	ND	ND	ND	10.00			V
02/11/2004	FMETL	ND	ND	ND	ND	ND	ND	11.16			V,M
05/24/2004	FMETL	ND	ND	ND	ND	ND	ND	11.51			V
07/15/2004	FMETL	ND	ND	ND	ND	ND	ND	11.55			V
10/22/2004	FMETL	ND	ND	ND	ND	ND	ND	11.45			V
01/26/2005	FMETL	ND	ND	ND	ND	ND	ND	11.31			V
04/28/2005	FMETL	ND	ND	ND	ND	ND	ND	11.32			V
06/23/2005	FMETL	ND	ND	ND	ND	ND	ND	9.96			V
07/22/2005	FMETL	ND	ND	ND	ND	ND	ND	9.93			V
08/30/2005	FMETL	ND	ND	ND	ND	ND	ND	10.30			V
10/20/2005	FMETL	ND	ND	ND	ND	ND	ND	8.96			V
12/12/2005	FMETL	ND	0.78	ND	ND	ND	ND	9.44			V
01/12/2006	FMETL	ND	0.36	ND	ND	ND	ND	9.38			V
04/13/2006	FMETL	ND	0.61	ND	ND	ND	ND	9.94			V
07/12/2006	FMETL	ND	ND	ND	ND	ND	ND	9.97			V

SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

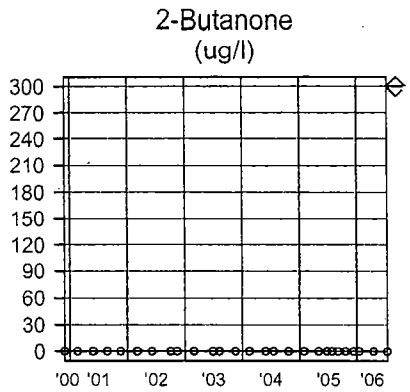
FORT MONMOUTH

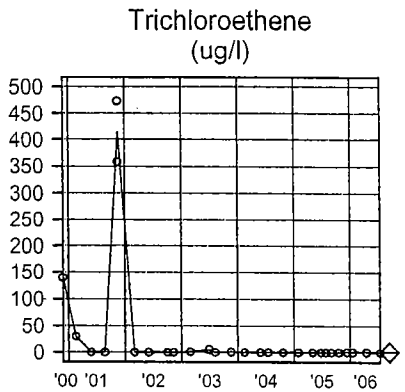
GW MONITORING
CW-1

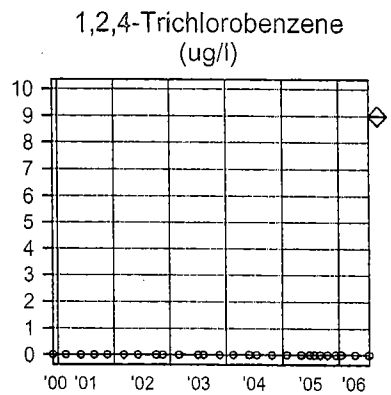
Source 9 of 18

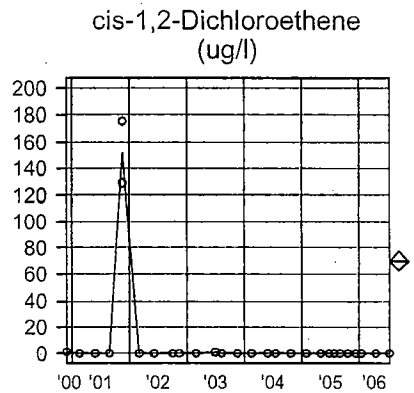
Ag > GW Criteria in blank for samples taken 7/97.

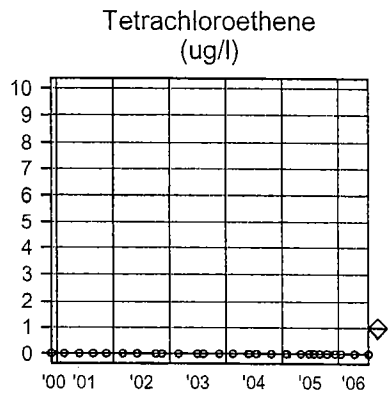
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

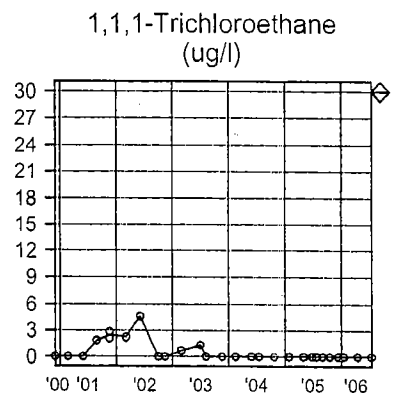


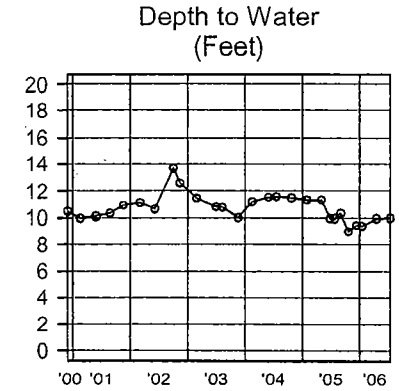












SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 07/12/2006

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

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	2-Butan one	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	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
11/27/2000	FMETL	ND	51.33	ND	1.67	ND	ND	11.65			V,S,P,M
02/15/2001	FMETL	ND	ND	ND	ND	ND	ND	11.3			V,S,P,M
05/24/2001	FMETL	ND	10.77	ND	ND	ND	ND	11.43			V,S,P,M
08/22/2001	FMETL	ND	16.24	ND	ND	ND	ND	11.57			V,S,P,M
11/16/2001	FMETL	ND	4.91	ND	ND	ND	ND	12.04			V,S,P,M
02/28/2002	FMETL	ND	6.38	ND	ND	ND	ND	12.23			V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	ND	ND	11.78			V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	ND	ND	12.81			V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	ND	ND	12.12			V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	ND	ND	11.28			V
08/06/2003	FMETL	ND	ND	ND	ND	ND	ND	11.75			V
11/18/2003	FMETL	ND	ND	ND	ND	ND	ND	11.23			V
02/11/2004	FMETL	ND	ND	ND	ND	ND	ND	11.77			V,M
05/24/2004	FMETL	ND	ND	ND	ND	ND	ND	12.03			V
07/15/2004	FMETL	ND	ND	ND	ND	ND	ND	12.10			V
10/22/2004	FMETL	ND	ND	ND	ND	ND	ND	12.03			V
01/26/2005	FMETL	ND	ND	ND	ND	ND	ND	11.89			V
04/28/2005	FMETL	ND	ND	ND	ND	ND	ND	11.86			V
06/23/2005	FMETL	ND	ND	ND	ND	ND	ND	11.25			V
07/22/2005	FMETL	ND	ND	ND	ND	ND	ND	11.21			V
08/30/2005	FMETL	ND	ND	ND	ND	ND	ND	11.55			V
10/20/2005	FMETL	ND	ND	ND	ND	ND	ND	10.40			V
12/12/2005	FMETL	ND	ND	ND	ND	ND	ND	10.82			V
01/12/2006	FMETL	ND	ND	ND	ND	ND	ND	10.82			V
04/13/2006	FMETL	ND	ND	ND	ND	ND	ND	11.28			V
07/12/2006	FMETL	ND	ND	ND	ND	ND	ND	11.24			V

SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

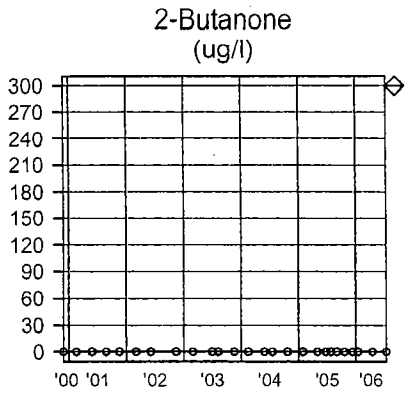
FORT MONMOUTH

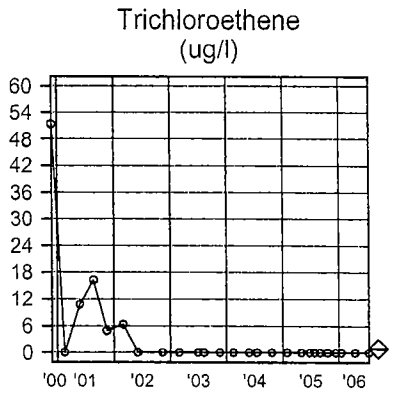
GW MONITORING
CW-1

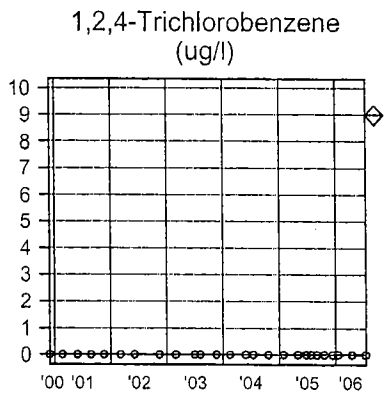
Source 10 of 18

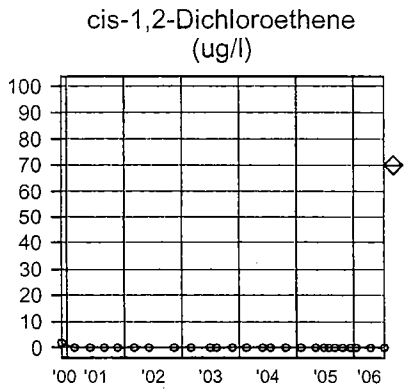
Ag > GW Criteria in blank for samples taken 7/97.

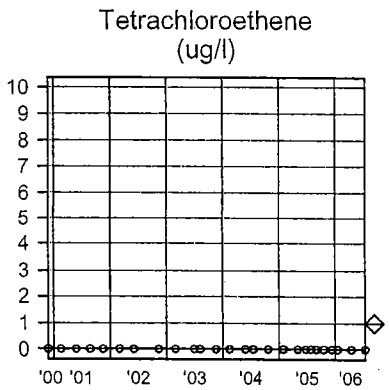
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

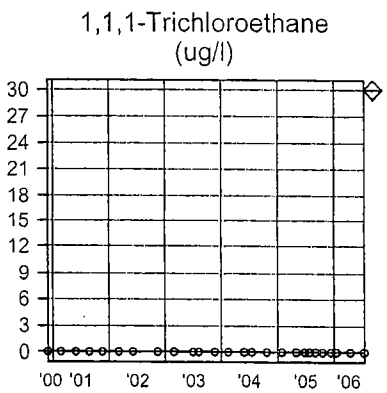


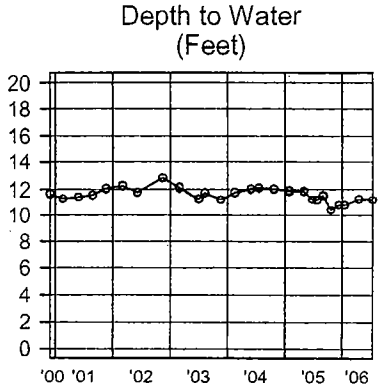












SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 07/12/2006

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

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	2-Butan one	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	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
11/27/2000	FMETL	ND	ND	ND	ND	ND	ND	8.01			V,S,P,M
02/15/2001	FMETL	ND	ND	ND	ND	ND	ND	8.55			V,S,P,M
05/31/2001	FMETL	ND	ND	ND	ND	ND	ND	8.72			V,S,P,M
08/24/2001	FMETL	ND	ND	ND	ND	ND	ND	8.83			V,S,P,M
11/16/2001	FMETL	ND	ND	ND	ND	ND	ND	9.20			V,S,P,M
02/28/2002	FMETL	ND	ND	ND	ND	ND	ND	9.34			V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	ND	ND	9.03			V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	ND	ND	10.50			V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	ND	ND	9.34			V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	ND	ND	8.71			V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	ND	ND	8.32			V
08/06/2003	FMETL	ND	ND	ND	ND	ND	ND	8.74			V
11/18/2003	FMETL	ND	ND	ND	ND	ND	ND	8.56			V
02/11/2004	FMETL	ND	ND	ND	ND	ND	ND	8.70			V,M
05/24/2004	FMETL	ND	ND	ND	ND	ND	ND	8.82			V
07/15/2004	FMETL	ND	ND	ND	ND	ND	ND	8.90			V
10/22/2004	FMETL	ND	ND	ND	ND	ND	ND	8.93			V
01/27/2005	FMETL	ND	ND	ND	ND	ND	ND	8.86			V
04/29/2005	FMETL	ND	ND	ND	ND	ND	ND	8.74			V
06/24/2005	FMETL	ND	ND	ND	ND	ND	ND	8.59			V
07/22/2005	FMETL	ND	ND	ND	ND	ND	ND	8.55			V
08/30/2005	FMETL	ND	ND	ND	ND	ND	ND	8.81			V
10/20/2005	FMETL	ND	ND	ND	ND	ND	ND	7.98			V
12/12/2005	FMETL	ND	ND	ND	ND	ND	ND	8.25			V
01/12/2006	FMETL	ND	ND	ND	ND	ND	ND	8.21			V
04/13/2006	FMETL	ND	ND	ND	ND	ND	ND	8.81			V
07/12/2006	FMETL	ND	ND	ND	ND	ND	ND	8.58			V

SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

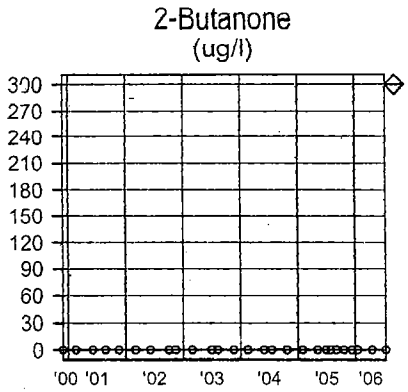
FORT MONMOUTH

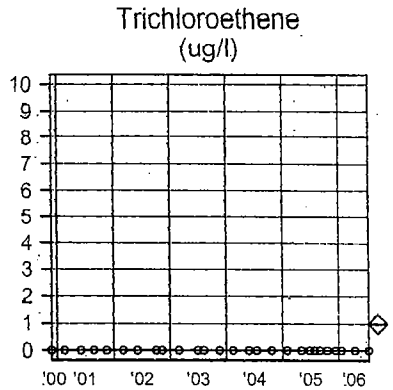
GW MONITORING
CW-1

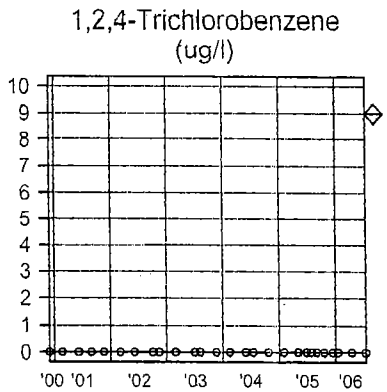
Source 12 of 18

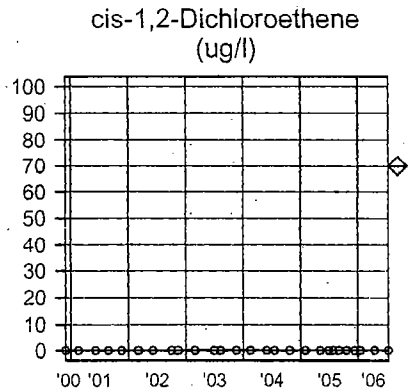
Ag > GW Criteria in blank for samples taken 7/97.

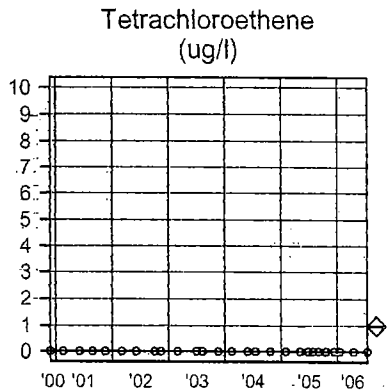
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

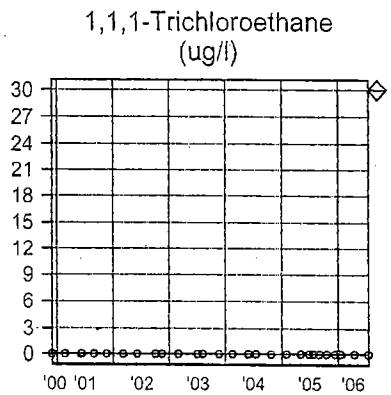


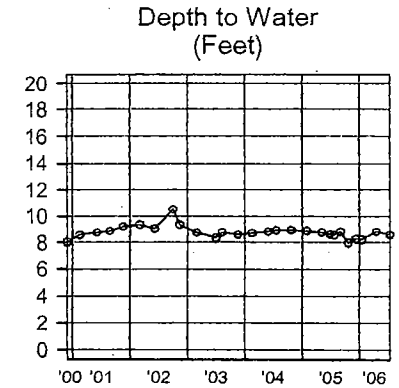












SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 07/12/2006

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

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	2-Butan one	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	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
11/28/2000	FMETL	ND	ND	ND	ND	ND	ND	8.55			V,S,P,M
02/15/2001	FMETL	ND	ND	ND	ND	ND	ND	8.41			V,S,P,M
05/31/2001	FMETL	ND	ND	ND	ND	ND	ND	8.45			V,S,P,M
08/24/2001	FMETL	ND	ND	ND	ND	ND	ND	8.45			V,S,P,M
11/27/2001	FMETL	ND	ND	ND	ND	ND	ND	8.80			V,S,P,M
02/28/2002	FMETL	ND	ND	ND	ND	ND	ND	8.88			V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	ND	ND	8.61			V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	ND	ND	9.50			V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	ND	ND	8.85			V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	ND	ND	8.51			V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	ND	ND	8.00			V
08/06/2003	FMETL	ND	ND	ND	ND	ND	ND	8.37			V
11/18/2003	FMETL	ND	ND	ND	ND	ND	ND	8.25			V
02/11/2004	FMETL	ND	ND	ND	ND	ND	ND	8.40			V,M
05/24/2004	FMETL	ND	ND	ND	ND	ND	ND	8.41			V
07/15/2004	FMETL	ND	ND	ND	ND	ND	ND	8.48			V
10/22/2004	FMETL	ND	ND	ND	ND	ND	ND	8.51			V
01/27/2005	FMETL	ND	ND	ND	ND	ND	ND	8.53			V
04/29/2005	FMETL	ND	ND	ND	ND	ND	ND	8.38			V
06/23/2005	FMETL	ND	ND	ND	ND	ND	ND	8.24			V
07/22/2005	FMETL	ND	ND	ND	ND	ND	ND	8.21			V
08/30/2005	FMETL	ND	ND	ND	ND	ND	ND	8.41			V
10/20/2005	FMETL	ND	ND	ND	ND	ND	ND	7.76			V
12/12/2005	FMETL	ND	ND	ND	ND	ND	ND	8.04			V
01/12/2006	FMETL	ND	ND	ND	ND	ND	ND	8.02			V
04/13/2006	FMETL	ND	ND	ND	ND	ND	ND	8.32			V
07/12/2006	FMETL	ND	ND	ND	ND	ND	ND	8.21			V

SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

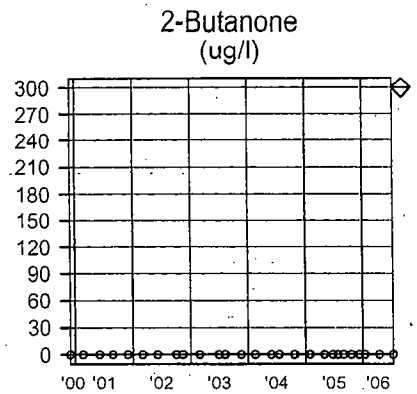
FORT MONMOUTH

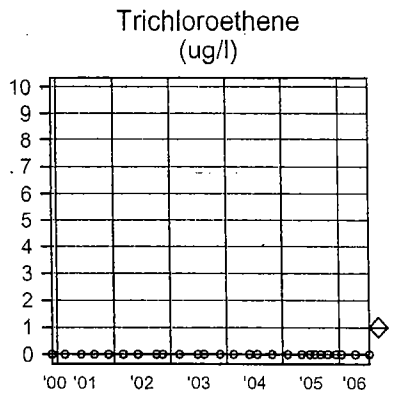
GW MONITORING
CW-1

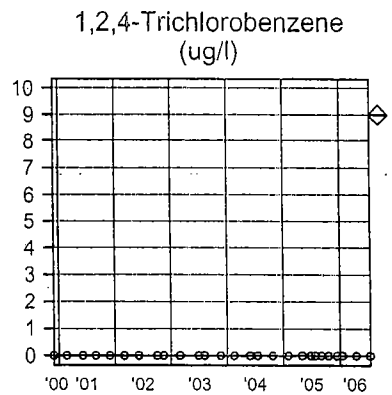
Source 13 of 18

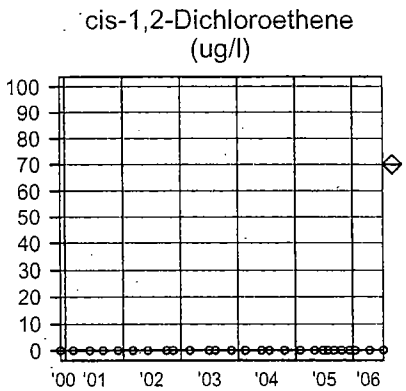
Ag > GW Criteria in blank for samples taken 7/97.

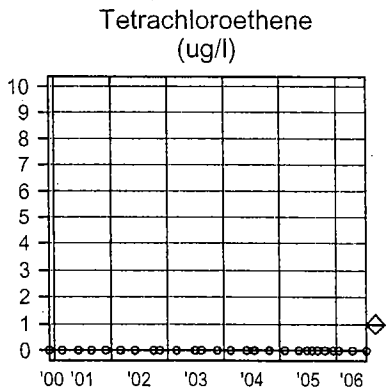
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

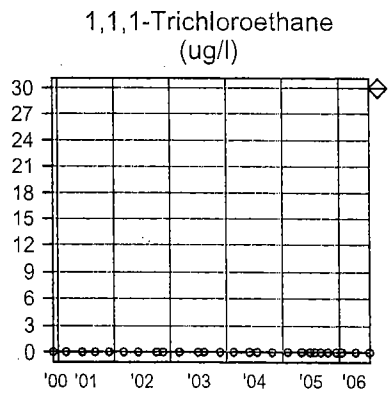


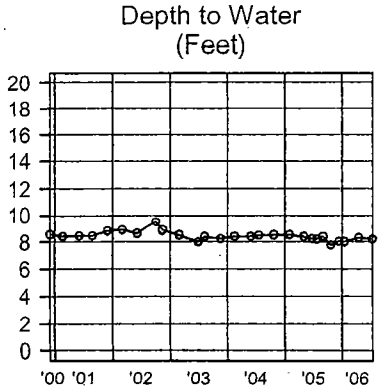












SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 07/12/2006

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

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	2-Butan one	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	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
11/28/2000	FMETL	ND	ND	ND	ND	ND	ND	13.77			V,S,P,M
02/20/2001	FMETL	ND	ND	ND	ND	ND	ND	13.91			V,S,P,M
05/31/2001	FMETL	ND	ND	ND	ND	ND	ND	13.37			V,S,P,M
08/24/2001	FMETL	ND	ND	ND	ND	ND	ND	15.21			V,S,P,M
11/27/2001	FMETL	ND	ND	ND	ND	ND	ND	15.35			V,S,P,M
02/28/2002	FMETL	ND	ND	ND	ND	ND	ND	15.02			V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	ND	ND	14.22			V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	ND	ND	14.96			V,S,P,M
11/14/2002	FMETL	ND	ND	ND	ND	ND	ND	13.59			V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	ND	ND	12.59			V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	ND	ND	12.27			V
08/06/2003	FMETL	ND	ND	ND	ND	ND	ND	13.06			V
11/18/2003	FMETL	ND	ND	ND	ND	ND	ND	13.57			V
02/11/2004	FMETL	ND	ND	ND	ND	ND	ND	12.71			V,M
05/24/2004	FMETL	ND	ND	ND	ND	ND	ND	13.1			V
07/15/2004	FMETL	ND	ND	ND	ND	ND	ND	13.51			V
10/22/2004	FMETL	ND	ND	ND	ND	ND	ND	13.86			V
01/27/2005	FMETL	ND	ND	ND	ND	ND	ND	13.27			V
04/29/2005	FMETL	ND	ND	ND	ND	ND	ND	12.77			V
06/24/2005	FMETL	ND	ND	ND	ND	ND	ND	13.58			V
07/22/2005	FMETL	ND	ND	ND	ND	ND	ND	13.52			V
09/01/2005	FMETL	ND	ND	ND	ND	ND	ND	14.45			V
10/20/2005	FMETL	ND	ND	ND	ND	ND	ND	13.12			V
12/12/2005	FMETL	ND	ND	ND	ND	ND	ND	12.71			V
01/12/2006	FMETL	ND	ND	ND	ND	ND	ND	12.67			V
04/13/2006	FMETL	ND	ND	ND	ND	ND	ND	13.36			V
07/12/2006	FMETL	ND	ND	ND	ND	ND	ND	13.67			V

SOURCE: CW1MW040

Sampling Dates:
11/28/2000 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

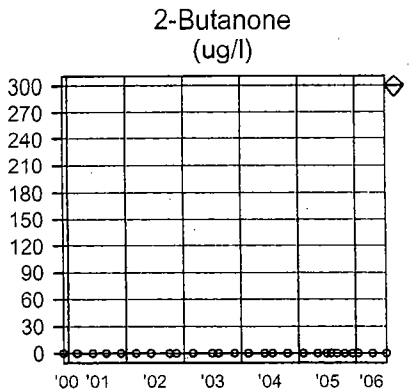
FORT MONMOUTH

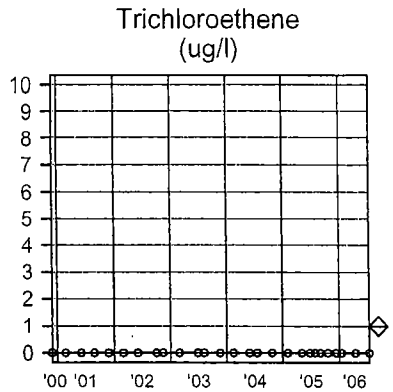
GW MONITORING
CW-1

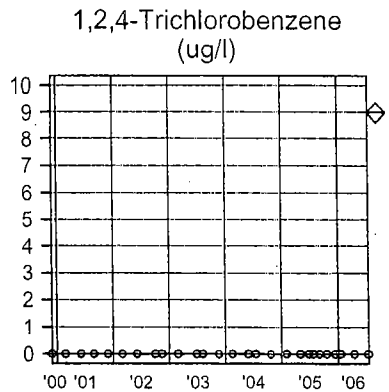
Source 18 of 18

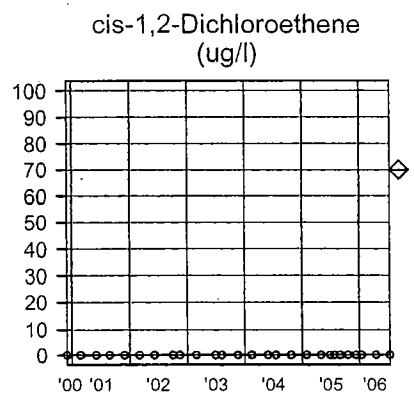
Ag > GW Criteria in blank for samples taken 7/97.

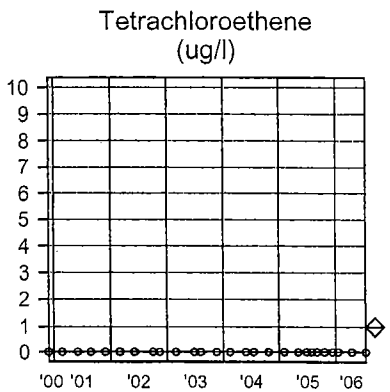
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

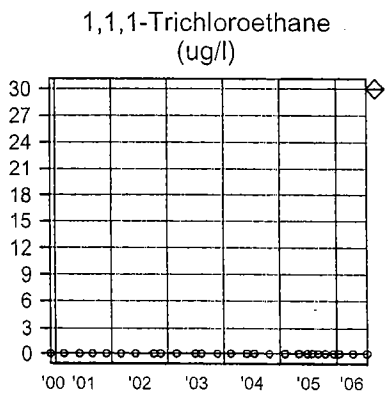


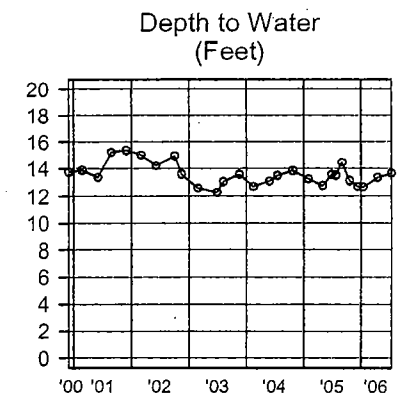












SOURCE: CW1MW040

Sampling Dates:
11/28/2000 - 07/12/2006

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

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	2-Butan one	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	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
04/22/1997	FMETL	ND	ND	ND	ND	ND	ND	11.10			V,S,P,M
07/09/1997	FMETL	ND	190	ND	2.45	ND	ND	12.30			V,S,P,M
10/02/1997	FMETL	ND	42	ND	ND	ND	ND	12.80			V,S,P,M
01/07/1998	FMETL	ND	10.6	ND	ND	ND	ND	10.80			V,S,P,M
06/18/1998	FMETL	ND	27.96	ND	ND	ND	ND	10.98			V,S,P,M
08/13/1998	FMETL	4.16	45	ND	ND	ND	ND	12.57			V,S,P,M
12/15/1998	FMETL	ND	6.1	ND	ND	ND	ND	13.87			V,S,P,M
03/23/1999	FMETL	ND	14.87	ND	ND	ND	ND	11.25			V,S,P,M
05/27/1999	FMETL	ND	12.08	ND	ND	ND	ND	12.07			V,S,P,M
08/11/1999	FMETL	ND	3.29	ND	ND	ND	ND	13.75			V,S,P,M
11/10/1999	FMETL	ND	6.19	ND	ND	ND	ND	12.75			V,S,P,M
02/16/2000	FMETL	ND	4.67	ND	ND	ND	ND	11.96			V,S,P,M
02/16/2000D	FMETL	ND	4.83	ND	ND	ND	ND	11.96			V,S,P,M
05/17/2000	FMETL	ND	5.51	ND	ND	ND	ND	12.14			V,S,P,M
05/17/2000D	FMETL	ND	5.18	ND	ND	ND	ND	12.14			V,S,P,M
08/23/2000	FMETL	ND	4.06	ND	ND	ND	ND	12.05			V,S,P,M
11/28/2000	FMETL	ND	ND	ND	ND	ND	ND	12.32			V,S,P,M
02/20/2001	FMETL	ND	ND	ND	ND	ND	ND	11.79			V,S,P,M
02/20/2001	FMETL	ND	ND	ND	ND	ND	ND	11.79			V,S,P,M
05/31/2001	FMETL	ND	ND	ND	ND	ND	ND	12.55			V,S,P,M
08/24/2001	FMETL	ND	1.19	ND	ND	ND	ND	12.93			V,S,P,M
11/27/2001	FMETL	ND	4.74	ND	ND	ND	ND	13.87			V,S,P,M
11/27/2001D	FMETL	ND	5.08	ND	ND	ND	ND	13.87			V,S,P,M
02/28/2002	FMETL	ND	13.80	ND	ND	ND	ND	13.51			V,S,P,M
05/31/2002	FMETL	ND	25.32	ND	ND	ND	ND	12.70			V,S,P,M
09/30/2002	FMETL	ND	6.16	ND	ND	ND	ND	13.38			V,S,P,M
11/14/2002	FMETL	ND	ND	ND	ND	ND	ND	12.03			V,S,P,M
02/25/2003	FMETL	ND	2.30	ND	ND	ND	ND	11.00			V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	ND	ND	10.69			V
08/06/2003	FMETL	ND	1.74	ND	ND	ND	ND	11.50			V
11/18/2003	FMETL	ND	1.42	ND	ND	ND	ND	12.05			V
02/11/2004	FMETL	ND	3.48	ND	ND	ND	ND	11.14			V,M
05/24/2004	FMETL	ND	4.44	ND	ND	ND	ND	11.51			V
07/15/2004	FMETL	ND	20.50	ND	ND	ND	ND	11.95			V
10/22/2004	FMETL	ND	16.03	ND	ND	ND	ND	12.31			V
01/27/2005	FMETL	ND	7.38	ND	0.29	ND	ND	10.76			V
04/28/2005	FMETL	ND	3.88	ND	ND	ND	ND	11.16			V
06/24/2005	FMETL	ND	10.49	ND	ND	ND	ND	12.03			V
07/22/2005	FMETL	ND	21.57	ND	0.45	ND	ND	11.96			V

SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

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

	Lab	2-Butan one	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	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
09/01/2005	FMETL	ND	14.27	ND	ND	ND	ND	13.11			V
10/20/2005	FMETL	ND	18.39	ND	ND	ND	ND	8.03			V
12/12/2005	FMETL	ND	23.71	ND	0.32	ND	ND	11.16			V
01/12/2006	FMETL	ND	11.49	ND	ND	ND	ND	11.11			V
04/13/2006	FMETL	ND	17.45	ND	0.25	ND	ND	11.81			V
07/12/2006	FMETL	ND	55.82	ND	0.86	ND	ND	12.14			V

SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

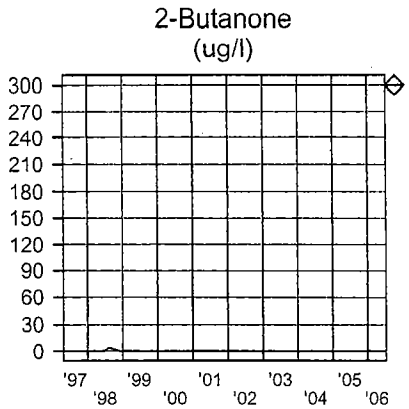
FORT MONMOUTH

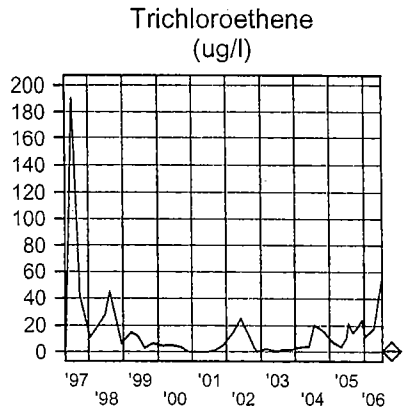
GW MONITORING
CW-1

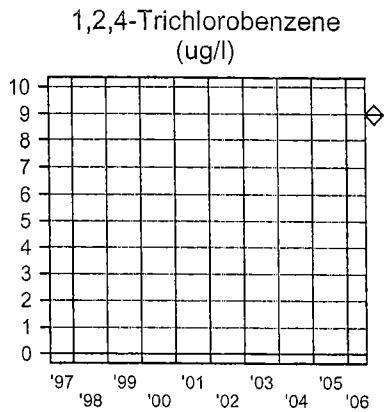
Source 5 of 18 (cont.)

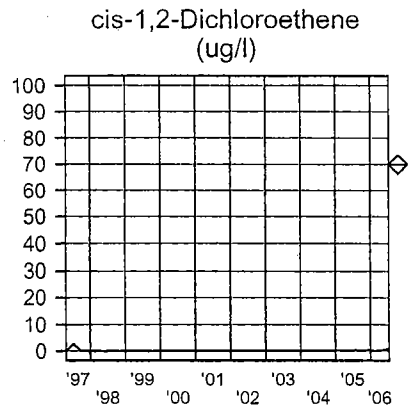
Ag > GW Criteria in blank for samples taken 7/97.

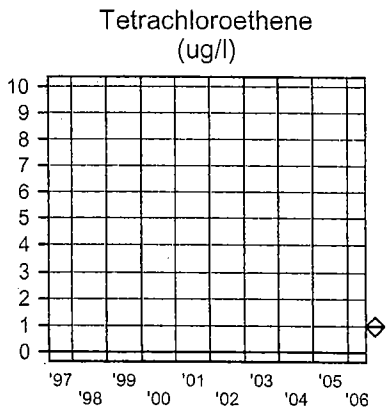
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

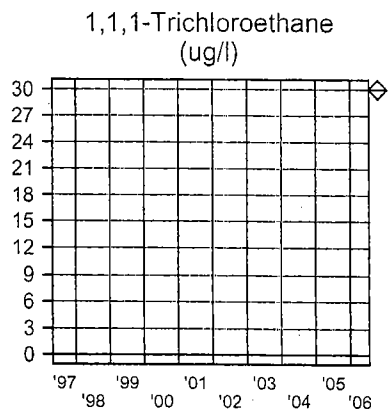


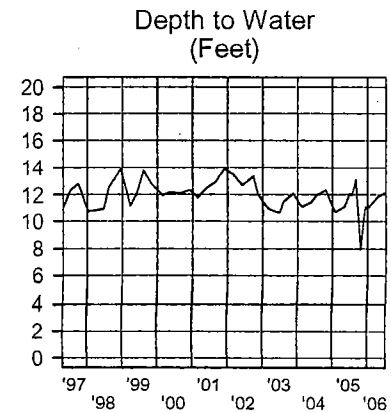












SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 07/12/2006

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

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

	Lab	2-Butanone	Trichloroethene	1,2,4-Trichlorobenzene	cis-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
04/22/1997	FMETL	ND	ND	ND	ND	ND	ND	11.15			V,S,P,M
07/09/1997	FMETL	ND	ND	ND	ND	ND	ND	11.40			V,S,P,M
10/02/1997	FMETL	ND	ND	ND	ND	ND	ND	11.70			V,S,P,M
01/07/1998	FMETL	ND	ND	ND	ND	ND	ND	11.40			V,S,P,M
06/18/1998	FMETL	ND	ND	ND	ND	ND	ND	10.89			V,S,P,M
08/13/1998	FMETL	2.28	ND	ND	ND	ND	ND	11.39			V,S,P,M
12/15/1998	FMETL	ND	ND	ND	ND	ND	ND	12.21			V,S,P,M
03/23/1999	FMETL	ND	ND	ND	ND	ND	ND	11.28			V,S,P,M
05/27/1999	FMETL	ND	ND	ND	ND	ND	ND	11.54			V,S,P,M
08/11/1999	FMETL	ND	ND	ND	ND	ND	ND	11.97			V,S,P,M
11/10/1999	FMETL	ND	ND	ND	ND	ND	ND	11.79			V,S,P,M
02/16/2000	FMETL	ND	ND	ND	ND	ND	ND	11.61			V,S,P,M
05/17/2000	FMETL	ND	ND	ND	ND	ND	ND	11.59			V,S,P,M
08/23/2000	FMETL	ND	1.96	ND	ND	ND	ND	11.33			V,S,P,M
11/27/2000	FMETL	ND	ND	ND	ND	ND	ND	11.69			V,S,P,M
02/20/2001	FMETL	ND	ND	ND	ND	ND	ND	11.40			V,S,P,M
05/24/2001	FMETL	ND	ND	ND	ND	ND	ND	11.38			V,S,P,M
08/22/2001	FMETL	ND	ND	ND	ND	ND	ND	11.59			V,S,P,M
11/16/2001	FMETL	ND	ND	ND	ND	ND	ND	12.11			V,S,P,M
02/28/2002	FMETL	ND	ND	ND	ND	ND	ND	12.32			V,S,P,M
05/31/2002	FMETL	ND	ND	ND	ND	ND	ND	11.87			V,S,P,M
09/30/2002	FMETL	ND	ND	ND	ND	ND	ND	13.78			V,S,P,M
11/12/2002	FMETL	ND	ND	ND	ND	ND	ND	12.90			V,S,P,M
02/25/2003	FMETL	ND	ND	ND	ND	ND	ND	12.04			V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	ND	ND	11.35			V
08/06/2003	FMETL	ND	ND	ND	ND	ND	ND	11.77			V
11/18/2003	FMETL	ND	ND	ND	ND	ND	ND	11.28			V
02/11/2004	FMETL	ND	0.66	ND	ND	ND	ND	11.79			V,M
05/24/2004	FMETL	ND	ND	ND	ND	ND	ND	12.05			V
07/15/2004	FMETL	ND	ND	ND	ND	ND	ND	12.15			V
10/22/2004	FMETL	ND	ND	ND	ND	ND	ND	12.06			V
01/26/2005	FMETL	ND	ND	ND	ND	ND	ND	11.96			V
04/29/2005	FMETL	ND	ND	ND	ND	ND	ND	11.94			V
06/24/2005	FMETL	ND	ND	ND	ND	ND	ND	11.31			V
07/22/2005	FMETL	ND	ND	ND	ND	ND	ND	11.25			V
09/01/2005	FMETL	ND	ND	ND	ND	ND	ND	11.60			V
10/20/2005	FMETL	ND	ND	ND	ND	ND	ND	10.33			V
12/12/2005	FMETL	ND	ND	ND	ND	ND	ND	10.81			V
01/12/2006	FMETL	ND	ND	ND	ND	ND	ND	10.75			V

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

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

	Lab	2-Butanone	Trichloroethene	1,2,4-Trichlorobenzene	cis-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	300	1	9	70	1	30	-			-
04/13/2006	FMETL	ND	ND	ND	ND	ND	ND	11.27			V
07/12/2006	FMETL	ND	ND	ND	ND	ND	ND	11.26			V

SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 07/12/2006

NOTES:

New Ground Water Quality Criteria as per 11/07/05

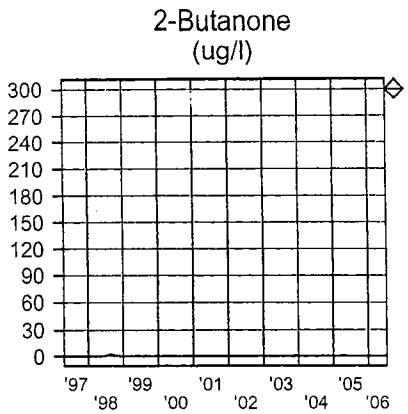
FORT MONMOUTH

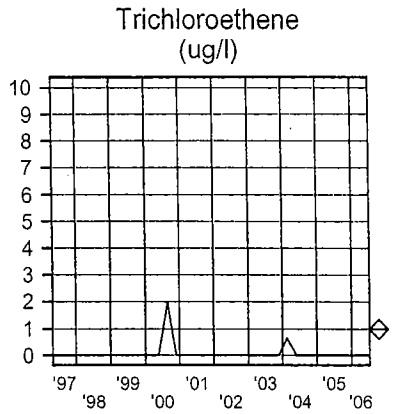
GW MONITORING
CW-1

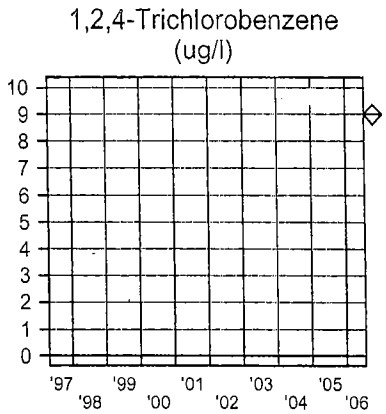
Source 7 of 18 (cont.)

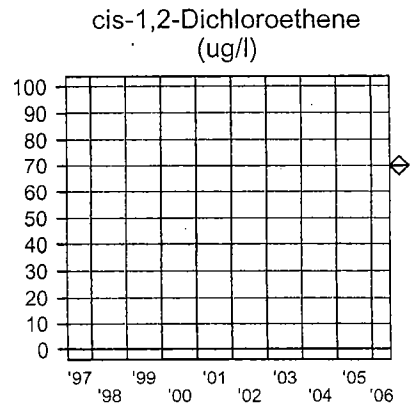
Ag > GW Criteria in blank for samples taken 7/97.

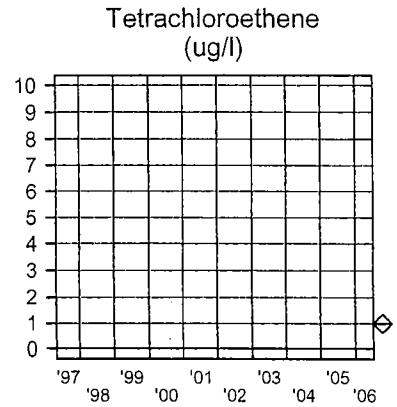
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

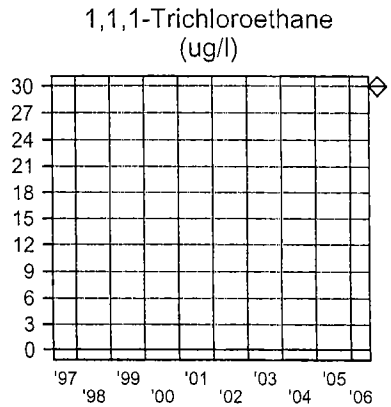


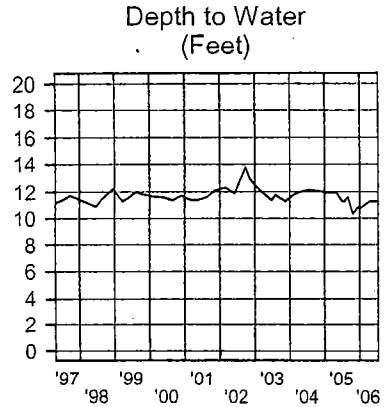












SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 07/12/2006

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

09-01-2006 L:\DPW\ENVR_Lab\Lab Data\MTechData\2700-CW1\CW1.WSF

Contour Map Reporting Form
Figure 4 - Groundwater Contour Map, Shallow Monitoring Wells, December 9 & 12, 2005 &
Figure 5 - Groundwater Contour Map, Deep Monitoring Wells, December 9 & 12, 2005
Page 1 of 2

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

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

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

3. Are there any monitor wells present at the site but omitted from the contour map? Yes X No __. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Notes: Monitor wells CW1RW01, CW1RW02, CW1SPG01, CW1SPG02, CW1SP03, CW1SP04, CW1SVE-1, and CW1SVE-2 were not gauged and/or not accessible. The location and/or top of casing elevation of monitor well 2700-MW-1 is not available. Separate contour maps were generated for monitor wells screened in shallow and deep aquifers.

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

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Contour Map Reporting Form
Figure 4 - Groundwater Contour Map, Shallow Monitoring Wells, December 9 & 12, 2005 &
Figure 5 - Groundwater Contour Map, Deep Monitoring Wells, December 9 & 12, 2005
Page 2 of 2

5. Has the ground water flow direction changed more than 45 degrees from the previous ground water contour map? Yes___ No _X_ . If yes, discuss the reasons for the change.

6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes _X_ No ___ . Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

Groundwater depression is observed in the area of the formerly operating groundwater pump and treat and air sparge/soil vapor extraction systems.

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

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

Surfer Surface Mapping System software (version 6.04) was used to generate the contour maps. The Kriging interpolation method was used.

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Contour Map Reporting Form
Figure 6 - Groundwater Contour Map, Shallow Monitoring Wells, January 12, 2006 &
Figure 7 - Groundwater Contour Map, Deep Monitoring Wells, January 12, 2006
Page 1 of 2

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

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

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

3. Are there any monitor wells present at the site but omitted from the contour map? Yes X No __. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

Notes: Monitor wells CW1RW01, CW1RW02, CW1SPG01, CW1SPG02, CW1SP03, CW1SP04, CW1SVE-1, and CW1SVE-2 were not gauged and/or not accessible. The location and/or top of casing elevation of monitor well 2700-MW-1 is not available. Separate contour maps were generated for monitor wells screened in shallow and deep aquifers.

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

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6. Has ground water mounding and/or depressions been identified in the ground water contour map? Yes _X_ No ___ . Unless the ground water mounds and/or depressions are caused by the ground water remediation system, discuss the reasons for this occurrence.

Groundwater depression is observed in the area of the formerly operating groundwater pump and treat and air sparge/soil vapor extraction systems.

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

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

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Contour Map Reporting Form
Figure 8 - Groundwater Contour Map, Shallow Monitoring Wells, April 13, 2006 &
Figure 9 - Groundwater Contour Map, Deep Monitoring Wells, April 13, 2006
Page 1 of 2

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

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

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Groundwater depression is observed in the area of the formerly operating groundwater pump and treat and air sparge/soil vapor extraction systems.

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

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

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Contour Map Reporting Form
Figure 10 - Groundwater Contour Map, Shallow Monitoring Wells, July 12, 2006 &
Figure 11 - Groundwater Contour Map, Deep Monitoring Wells, July 12, 2006
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