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January 13, 2005

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

Re: *Remedial Action Progress Report,* April 2003 – September 2004
Charles Wood Area (CW-1) – Remediation System

Dear Mr. Guenther:

Handex has incorporated your changes to the draft report that were received December 30, 2004. The enclosed Remedial Action Progress Report (RAPR) describes the groundwater pump and treat and the soil vapor extraction (SVE)/air sparge remediation systems installed and operating at the site during the period of April 2003 through September 2004. As discussed in the report, most of the chlorinated hydrocarbon mass has been removed and system shut down is suggested.

Per your previous instruction, the following are enclosed:

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

If you should have any questions, please do not hesitate to contact me at (732) 536-8667, extension 214.

Sincerely,

Andrew R. Drake
Sr. Project Manager
NJDEP License Number 0010019

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

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REMEDIAL ACTION PROGRESS REPORT
VOLUME I of II
April 2003 through September 2004
U.S. Army, Fort Monmouth
Building 2700, Charles Wood Area
Fort Monmouth, Monmouth County, New Jersey

January 2005

Prepared for:

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1.0 INTRODUCTION

The following Remedial Action Progress Report (RAPR) has been prepared by Handex of New Jersey, Inc. (Handex) on behalf of the United States Army Garrison Fort Monmouth, Directorate of Public Works in accordance with the New Jersey Department of Environmental Protection (NJDEP) "Technical Requirements for Site Remediation" rules (N.J.A.C. 7:26E). This report covers the time period of April 2003 through September 2004 and includes the following: a site summary, an overview of the operating remediation systems and remedial progress during the reporting period, results of groundwater sampling, and the proposed actions for the site.

2.0 SITE SUMMARY:

NJDEP Case Manager:	Mr. Greg Zalaskus New Jersey Department of Environmental Protection Bureau of Case Management
Report Submitted by:	Andy Drake, Handex of New Jersey, Inc.
Reporting Period:	April 2003 through September 2004
Report Date:	January 2005
RAW Status:	Remedial Action Workplan (RAW) submitted June 1997 (written by Smith Technology Corp.), and approved on August 1, 1997.
Remedial Status:	Groundwater pump and treat system and air sparge/soil vapor extraction systems currently operating.
Contaminants of Concern:	cis-1-2-Dichloroethene, Trichloroethene, Tetrachloroethene
Sampling Frequency:	Quarterly.
Surface Water:	The closest surface water is an unnamed tributary of Parkers Creek located approximately 700 feet southeast (down/sidegradient). A U.S.G.S topographic map of the site area is included as Figure 1.
Site Geology:	The site is located in the Hornerstown formation and sediments are predominately silty sand with varying percentages of clay. A laterally continuous silt unit at least 19 feet thick begins at 41 feet below grade.
Hydrogeology:	Depth to water is approximately 9-10 feet below grade. Groundwater flow is generally to the east/southeast.
Current Site Use:	The site is located within the courtyard of Building 2700, approximately 45 feet southeast of a partially underground auditorium. A site plan illustrating the site layout is included as Figure 2.
Past Site Use:	A former concrete wastewater treatment lime pit formerly operated at the site location and was the source of chlorinated volatile organic compounds (VOC's) in the groundwater. The former wastewater treatment lime pit was used to pre-treat liquid laboratory wastes from Building 2700 prior to discharge to the sanitary sewer.

Original Release:	Chlorinated VOC's were identified in the soil beneath the lime pit in 1992 following initial clean-out/disposal activities. Chlorinated VOC's were identified in groundwater adjacent to the former lime pit in February and March 1995.

Site History Summary:

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

3.0 REMEDIATION STATUS

The air sparge/soil vapor extraction system and the groundwater pump and treat system installed at the site continued to operate during the reporting period. Following is a summary of the remediation systems and operations during the reporting period.

3.1 AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM

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

The AS/SVE system operated throughout the reporting period. A summary of the system operating parameters collected during weekly system visits are presented in Table 1, and include system status, vacuum, airflow, concentrations, and recovery data. Figure 4 illustrates the system influent concentrations and cumulative mass recovered for the reporting period. Approximately 2.3 pounds of volatile organic compounds were extracted and treated during the reporting period.

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

3.2 GROUNDWATER PUMP-AND-TREAT SYSTEM

A groundwater pump-and-treat system went on line on July 8, 2002. The system consists of two recovery wells, RW-1 and RW-2, equipped with electric submersible groundwater pumps that pump to a treatment system consisting of an air stripper, two solids filters, and two granular activated carbon units. A process and instrumentation diagram (P&ID) of the system is included as Figure 3, illustrating both the groundwater system and the AS/SVE system.

As a safety precaution, the system includes a small floor sump equipped with a shutdown float that is wired to the system control panel that shuts down the system in case of a leak. During the second half of 2003, the floor sump float was often activated upon arrival of the technician's weekly visits, as several slow leaks were diagnosed and repaired during this time.

A summary of the system operating parameters collected during weekly system visits are listed in Table 2, and include system status, flow meter readings, and cumulative gallons pumped. The system operated at an overall average flow rate of approximately 5 gallons per minute, with total pumping equaling approximately 3.87 million gallons of groundwater and approximately 0.16 pounds of chlorinated hydrocarbons removed during the reporting period. A summary of the chlorinated hydrocarbon mass removal is provided in Table 3.

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

The groundwater system was successful in maintaining hydraulic control of the shallow source area. Quarterly water table contour maps for the reporting period for both the shallow and deep wells are included as Figures 5 – 16. Figures 5, 7, 11, 13 and 15 illustrate the shallow water table contours under pumping conditions and the hydraulic influence of the pumping system. Figure 9 illustrates the shallow water table under non-pumping conditions when the system was temporarily down due to activation of the floor sump float.

4.0 GROUNDWATER SAMPLING

Six quarterly groundwater-sampling events were conducted during the reporting period. The groundwater sampling was conducted in accordance with NJDEP's Technical Requirements and the NJDEP's Field Sampling Procedures Manual. TECOM-Vinnell Services, Inc. (TVS) completed the groundwater sampling, and Fort Monmouth Directorate of Public Works (DPW) Environmental Testing Laboratory (NJDEP cert. #13461) analyzed the samples.

Prior to sampling, the monitoring wells were gauged for depth to water. The gauging data was used to construct quarterly shallow and deep groundwater contour maps that are included as Figures 5 through 16. As noted previously, the gauging data collected on November 18, 2003 was used to construct Figure 9 and represents non-pumping conditions at the site. Figure 9 shows an east/southeast groundwater flow direction in the shallow water table aquifer.

Groundwater contours in the deeper zone are illustrated on Figures 6, 8, 10, 12, 14, and 16, and indicate a generally northeast groundwater flow direction in the deeper zone.

The following wells were sampled on all six quarterly sampling dates: CW1MW-26, 27, 28, 29, 30, 31, 32, 34, 35, 40, 281, and 291. The following monitoring wells were eliminated from the routine quarterly groundwater sampling following the fourth quarter 2003 sampling event: CW1MW-33, 36, 37, 38, 39, and 282. All monitoring well samples were analyzed for volatile organic compounds plus a library search (VOCs+15) via USEPA Method 624. In addition, the February 11, 2004 monitoring well samples were analyzed for metals by Standard Methods (18th ed.), Method 3120B.

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

4.1 CONTAMINANTS OF CONCERN

4.1.1 VOLATILE ORGANIC RESULTS

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

- CW1MW-27 (upgradient monitoring well) – 1,1,1-TCA: 1.11 ppb 8/6/03, 4.21 ppb 11/18/03, 0.48 ppb 2/11/04.
- CW1MW-291 (downgradient monitoring well) – TCE: 0.66 ppb 2/11/04.

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

- CW1MW-28 (source area monitoring well) – TCE: 1.18 ppb 8/6/03, 2.08 ppb 11/18/03.

- CW1MW-29 (source area monitoring well) – TCE: 7.17 ppb 5/24/04, 17.49 ppb 7/15/04.
- CW1MW-31 (downgradient monitoring well) – TCE: 5.07 ppb 6/26/03. Also contained the following compounds at concentrations below standards: 1.04 ppb cis-1,2-DCE 6/26/03, 1.34 ppb 1,1,1-TCA 6/26/03, 0.81 ppb TCE 11/18/03.
- CW1MW-281 (deep source area monitoring well) – TCE: 1.74 ppb 8/6/03, 1.42 ppb 11/18/03, 3.48 ppb 2/11/04, 4.44 ppb 5/24/04, 20.5 ppb 7/15/04.

Trichloroethene is the one remaining volatile organic compound that remains above the Class IIA Groundwater Quality Standards. It should be noted that the site is located in the Hornerstown formation, which is classified as a Class IIIA aquitard (N.J.A.C. 7:9-6).

The presence of trichloroethene is generally limited to the three source area wells, CW1MW-28, 29, and 281. The maximum trichloroethene concentration recorded in the source area wells during the reporting period was 20.5 ppb in CW1MW-281 on July 15, 2004. Besides the source area wells, the only detection of trichloroethene above the 1.0-ppb Class IIA Groundwater Quality Standards during the reporting period was 5.07 ppb in MW-31 on June 26, 2003.

Historical total VOC concentration graphs for source area wells CW1MW-28, 29, and 281 are included as Figures 17, 18, and 19. An overall decreasing trend is apparent in all three wells.

The following wells were non-detect for all volatile organic compounds during all sampling events or on all dates samples were collected during the reporting period (April 2003 through September 2004):

- CW1MW-26, -30, -32, -33, -34, -35, -36, -37, -38, -39, -40, and -282.

4.2 REMAINING ANALYTES

For the reporting period, the only additional analysis performed was metals on the February 11, 2004 samples. Analysis for SVOCs, Pesticides and PCBs has been discontinued.

The following five metals were detected in site groundwater at concentrations exceeding the Class IIA Groundwater Quality Criteria: aluminum, iron, manganese, sodium, and arsenic. As presented in the *Site Investigation Report*, prepared by Weston in 1995, several natural and man-made factors contribute to the wide range in concentrations of metals in soils, which further impact the concentration of metals in groundwater. Soils derived from the glauconitic sands contain abundant aluminum, calcium, potassium, iron, magnesium, and manganese (among others), which are likely to be present at elevated concentrations in the groundwater, particularly when sediments are entrained in the collected groundwater samples. The presence of suspended sediment may have yielded slight increases in the dissolved phase concentrations of metals, particularly for the constituents regarded as "non-native" (i.e., arsenic, antimony, beryllium, cadmium, chromium, cobalt, lead, mercury, selenium, silver, thallium, vanadium).

Low-flow sampling methodology has been performed at various sites for use by the DPW and accepted by the NJDEP to assess the impact of suspended sediments on the dissolved phase

metals concentrations at the site. Using a low-flow sampling methodology to reduce the presence of suspended sediment yielded substantial reductions in the dissolved phase concentrations of metals, particularly for the constituents regarded as "non-native" (i.e., arsenic, antimony, beryllium, cadmium, chromium, cobalt, lead, mercury, selenium, silver, thallium, vanadium). Significant decreases in the concentrations of naturally occurring metals also were observed when the low-flow sampling procedure was used prior to analysis, including the results for aluminum, barium, calcium, copper, iron, magnesium, manganese, nickel, potassium, sodium, and zinc. However, the native metal constituents (i.e., those indigenous to the soil types present at Fort Monmouth) were consistently present in the groundwater, even when the low-flow sampling methodology was employed.

The five different metals that were detected in site groundwater at concentrations exceeding the New Jersey GWQC are distinguished into background and non-native metals. Four (4) metals (aluminum, iron, manganese, and sodium) are common background constituents in Monmouth County soils. The water chemistry in areas underlain by glauconitic sediments (such as Red Bank, Tinton, and Hornerstown Sands) is dominated by calcium, magnesium, manganese, aluminum, and iron. Elevated concentrations of these metals are routinely observed in groundwater samples collected at Fort Monmouth.

Arsenic was the only non-native metal detected in site groundwater that exceeded the NJDEP criteria. During the reporting period, the 8-ppb GWQS was only exceeded in wells CW1MW-29 (9.51 ppb), and CWMW-40 (8.17 ppb). Arsenic was non-detect in the other monitoring wells sampled.

Overall, the metals distribution does not suggest an association with the former lime pit as the source of the concentrations. The metals distribution is generally widespread and is more indicative of natural background conditions or a regional source, rather than the former lime pit as the point source and are therefore not considered contaminants of concern.

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

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

Method Blanks

A laboratory method blank accompanied each round of samples collected at the CW-1 site. These method blanks consist of laboratory-grade water that is processed identically to the samples and analyzed with the sample batch. At least one method blank was analyzed with each

of the six sampling rounds. The method blanks were analyzed for volatile organic compounds (VOCs) plus a library search for tentatively identified compounds (TICs).

Acetone was detected in two of the method blanks, one method blank sample from the February 2004 sampling event and one method blank sample from the May 2004 sampling event. Chloroform was detected in one of the method blank samples from the February 2004 sampling event. The primary contaminant of concern for the CW-1 site, trichloroethene, was not detected in any of the method blank samples.

Acetone and chloroform were not detected in any of the well samples from these two dates.

In addition to VOCs, the method blank was also analyzed for metals during the February 2004 sampling event. No metals were detected in the method blank sample for this event.

Trip Blanks

A trip blank accompanied each round of samples collected at the CW-1 site to document that volatile organics were not introduced into the samples during the handling process. The trip blanks were prepared by the FMETL and consisted of sample bottles filled with laboratory deionized water. The trip blanks remained with the sample bottles in coolers and were returned to the laboratory for analysis with the groundwater samples.

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

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

Field Blanks

One field blank sample was obtained during each day's sampling activities to document equipment decontamination procedures. One field blank was collected during each of the sampling rounds conducted at the CW-1 site. The field blanks were collected by rinsing deionized water, supplied by the laboratory, over the sampling equipment used for each day's activities. The water was collected in clean laboratory-supplied sample jars and submitted for analysis along with the groundwater samples.

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

In addition to VOCs, the method blank was also analyzed for metals during the February 2004 sampling event. No metals were detected in the method blank sample for this event.

Duplicate Samples

One field duplicate sample was also collected during each of the sampling events to verify the consistency of the entire sampling and analytical procedure. The VOC results for all of the duplicate samples were close to those obtained for the original samples. On five of the six sampling dates, both the original and field duplicate samples were non-detect for all VOC compounds.

The duplicate samples were collected from the following wells:

- June 26, 2003: MW-38
- August 6, 2003: MW-29
- November 18, 2003: MW-291
- February 11, 2004: MW-31
- May 24, 2004: MW-29
- July 15, 2004: MW-26

Calculating the relative percent difference (RPD) in total VOC concentrations between the duplicate sample and the original groundwater sample was possible for only the May 24, 2004 sampling event. The RPD for trichloroethene between the duplicate sample and the original groundwater sample for the May 2004 sampling event was 5.2%. No other VOCs were detected in the duplicate and original samples for this sampling event. During the five other sampling events, either the duplicate sample and/or the original groundwater sample was non-detect for all VOCs, and therefore the RPD could not be calculated.

In addition to VOCs, the duplicate samples were also analyzed for metals. The RPDs for metals between the duplicate samples and the original groundwater samples ranged from 0% to 18.1%. The average RPD for all of the metals results is 7%.

6.0 CONCLUSIONS

- The Class IIA Groundwater Quality Criteria (GWQC) for VOCs are currently met in all but three of the monitoring wells, source area wells CW1MW-28, 29 and 281, located adjacent to the former lime pit. Trichloroethene was detected in CW1MW-31 at 5.07 ppb on June 26, 2003, but has remained below standards and/or non-detect since this sampling date.
- Trichloroethene is currently the one VOC remaining above the GWQC.
- The AS/SVE system has reached the desired endpoint of removing all recoverable vapor-phase mass. SVE influent concentrations have dropped to zero.
- The groundwater pumping system is hydraulically controlling the soluble-phase concentrations in the shallow source area as demonstrated by Figures 5, 7, 11, 13 and 15.
- While the groundwater extraction system will continue to control and remove mass, most of the VOCs have been removed, and an evaluation of other remedial approaches or remedies is warranted.

- Five metals are present above the GWQS. As previously observed, the historical widespread distribution of metals indicates that the former lime pit is not a contributing source of the metals. Concentrations are consistent with background metal concentrations previously identified in the Charles Woods Area.

7.0 RECOMMENDATIONS

- Turn off the AS/SVE system. Unless the United States Army Garrison Fort Monmouth, Directorate of Public Works receives notice to the contrary from NJDEP, the AS/SVE system will be turned off by March 31, 2005.
- Turn off the groundwater pump and treat system to allow the collection of non-pumping samples under static conditions. Unless there is a significant rebound in groundwater concentrations, the groundwater system would remain off. Unless the United States Army Garrison Fort Monmouth, Directorate of Public Works receives notice to the contrary from NJDEP, the groundwater system will be turned off by March 31, 2005.
- Request approval from NJDEP to apply Class IIIA standards to the site.
- Pending NJDEP's determination of the appropriate cleanup standard to be applied to the site (Class IIA or IIIA), determine appropriate remedies necessary to close site.
- Continue current quarterly groundwater sampling as outlined below.

7.1 Amended Sampling Program

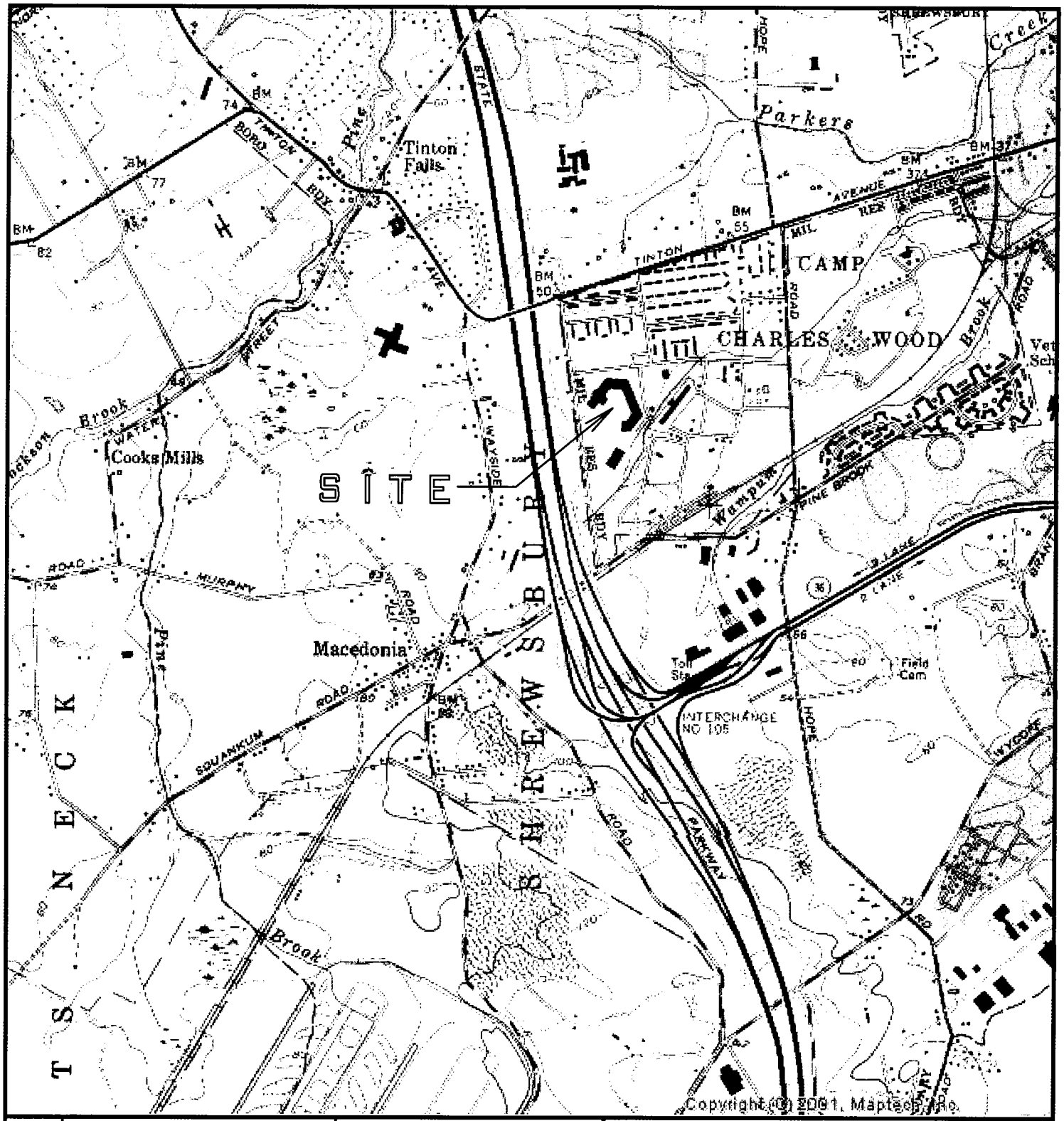
Various changes to the groundwater-sampling program were outlined in the previous RAPR and have been implemented beginning in the second quarter of 2003. These changes included a reduction from monthly to quarterly sampling, a reduction in the number of wells sampled from 18 to 12, and a reduction in the analytical parameters. A table outlining the specific changes to the groundwater-sampling program is shown below.

Sampling Program Summary

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

Notes: (D) = Deep Well

FIGURES



north

LONG BRANCH, N.J.
40073-C8-TF-024
1954
PHOTOREVISED 1981
DMA 6164 I SE-SERIES V822

NEW JERSEY

QUADRANGLE LOCATIION

0 1/2 1 KM
SCALE IN KILOMETERS

SCALE 1 TO 24000

1000 0 1000 2000 3000
SCALE IN FEET

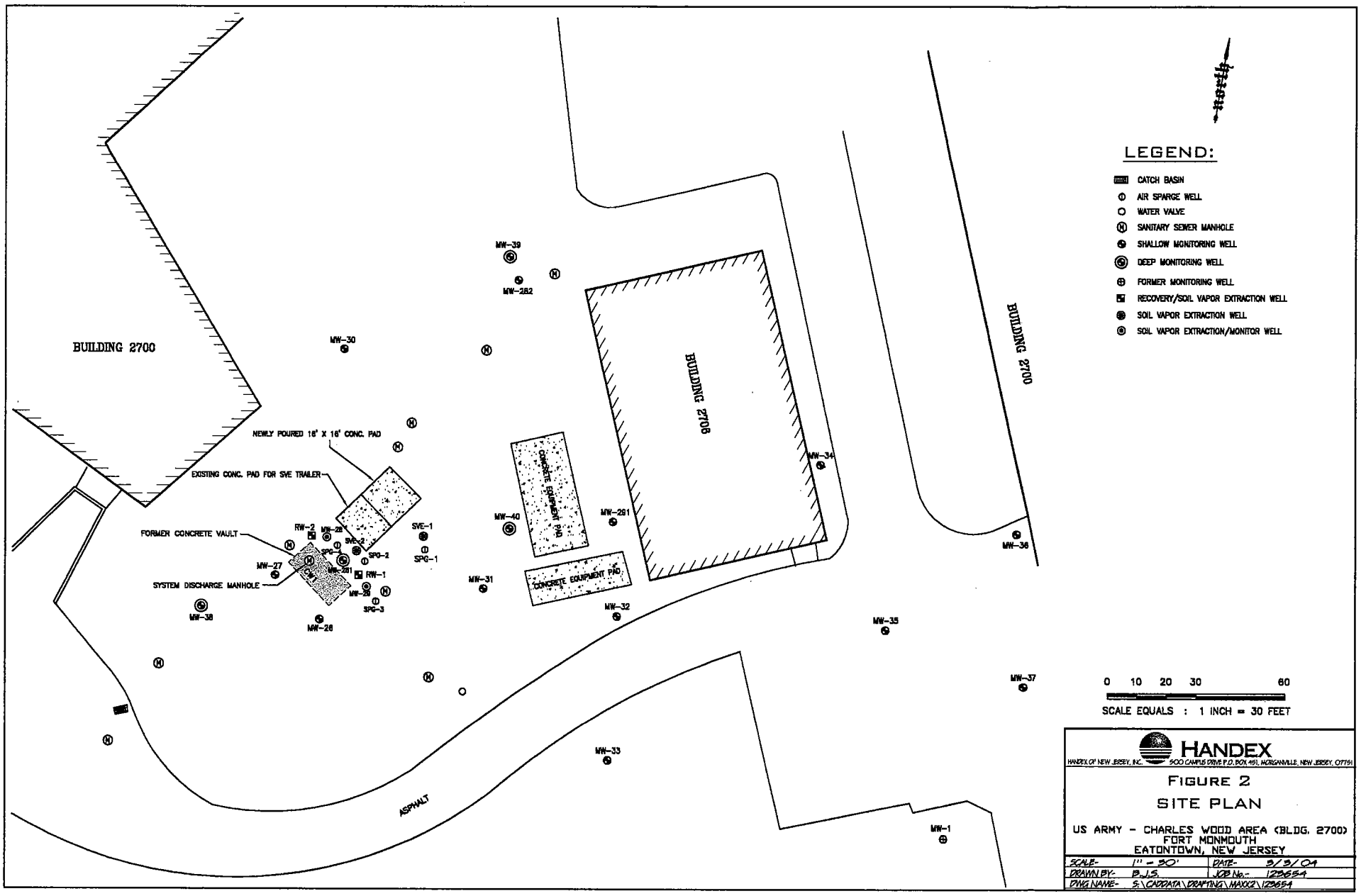
0 1/2 1 MILE
SCALE IN MILES

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

FIGURE 1
SITE LOCATION MAP

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

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



LEGEND:

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

0 10 20 30 60

SCALE EQUALS : 1 INCH = 30 FEET

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HANDEX OF NEW JERSEY, INC. 900 CAMPUS DRIVE P.O. BOX 491, MORGANVILLE, NEW JERSEY, 07751

FIGURE 2

SITE PLAN

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

SCALE-	1" = 30'	DATE-	3/3/04
DRAWN BY-	B.J.S.	JOB No.-	129654
DWG NAME-	S:\CADDATA\DRAFTING\MAXXZ\129654		

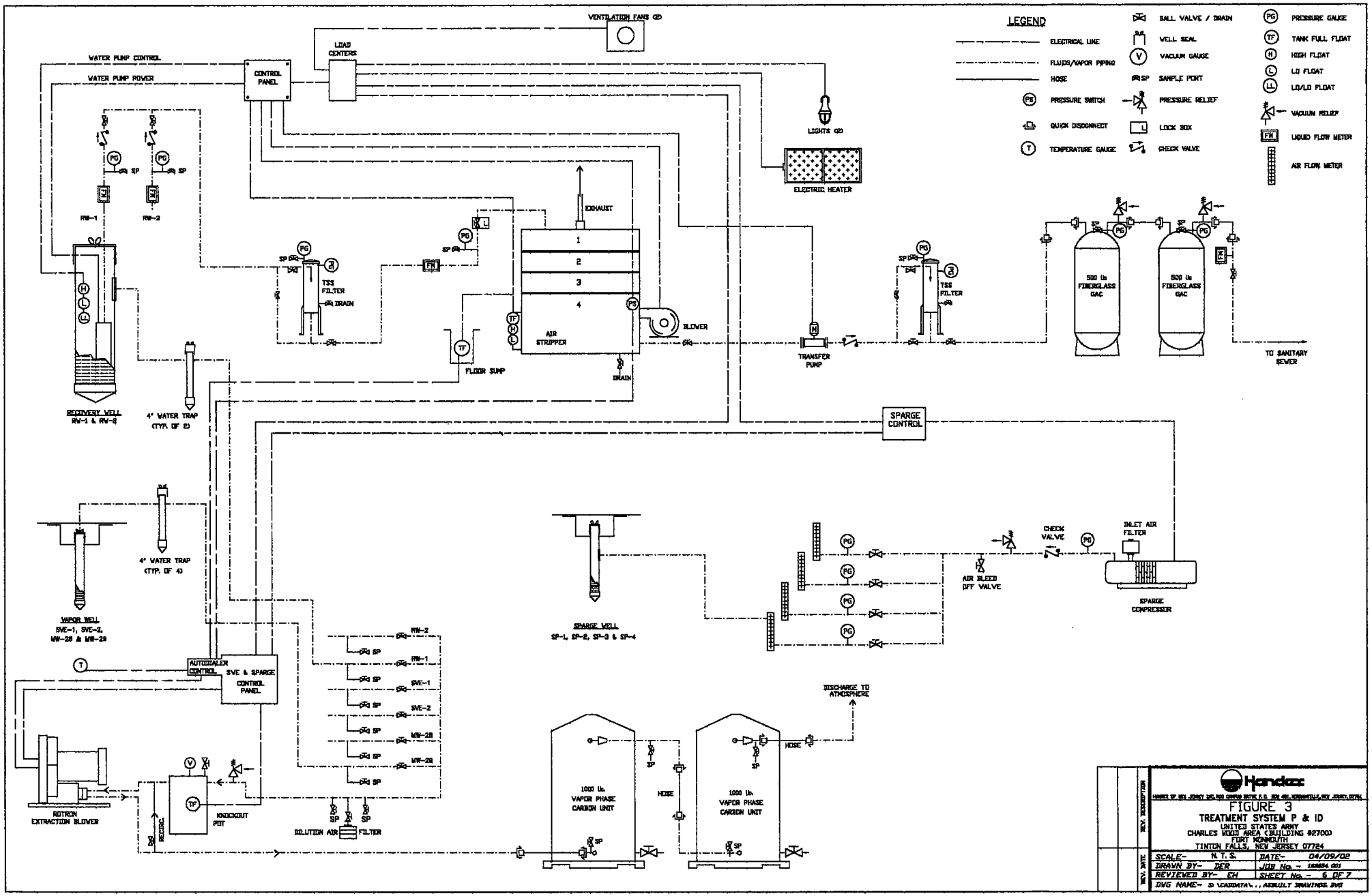
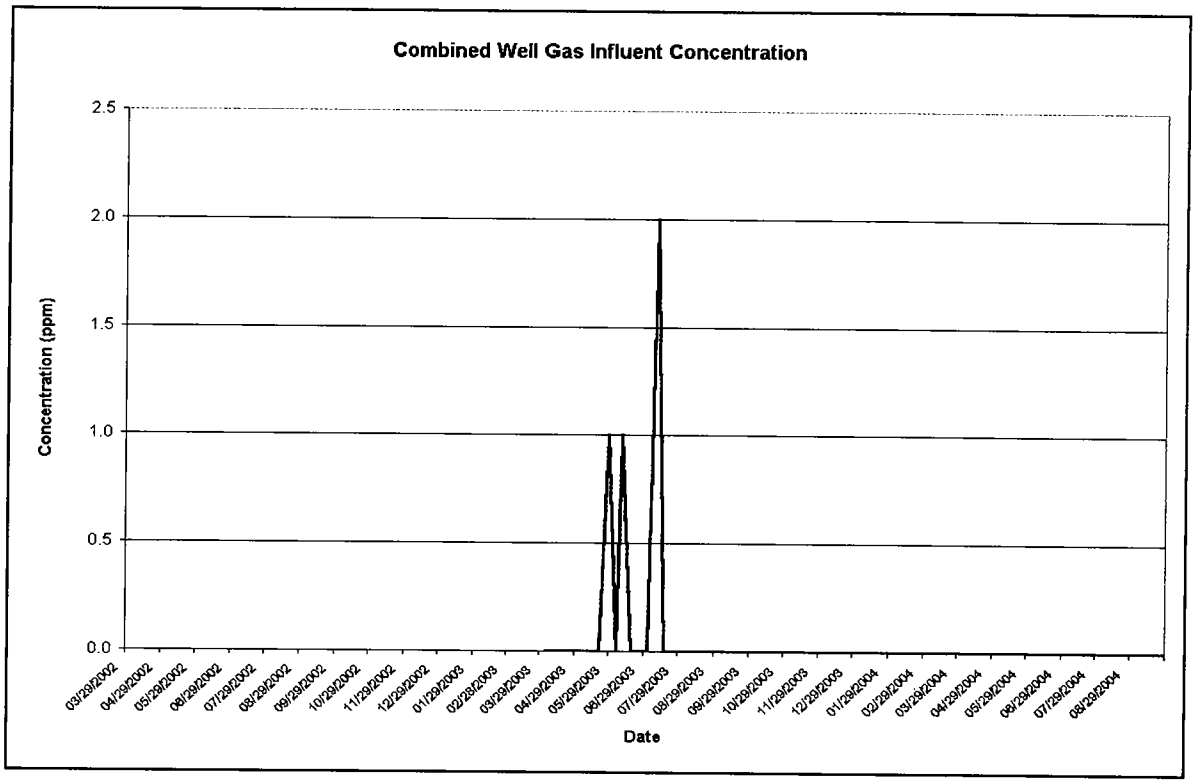
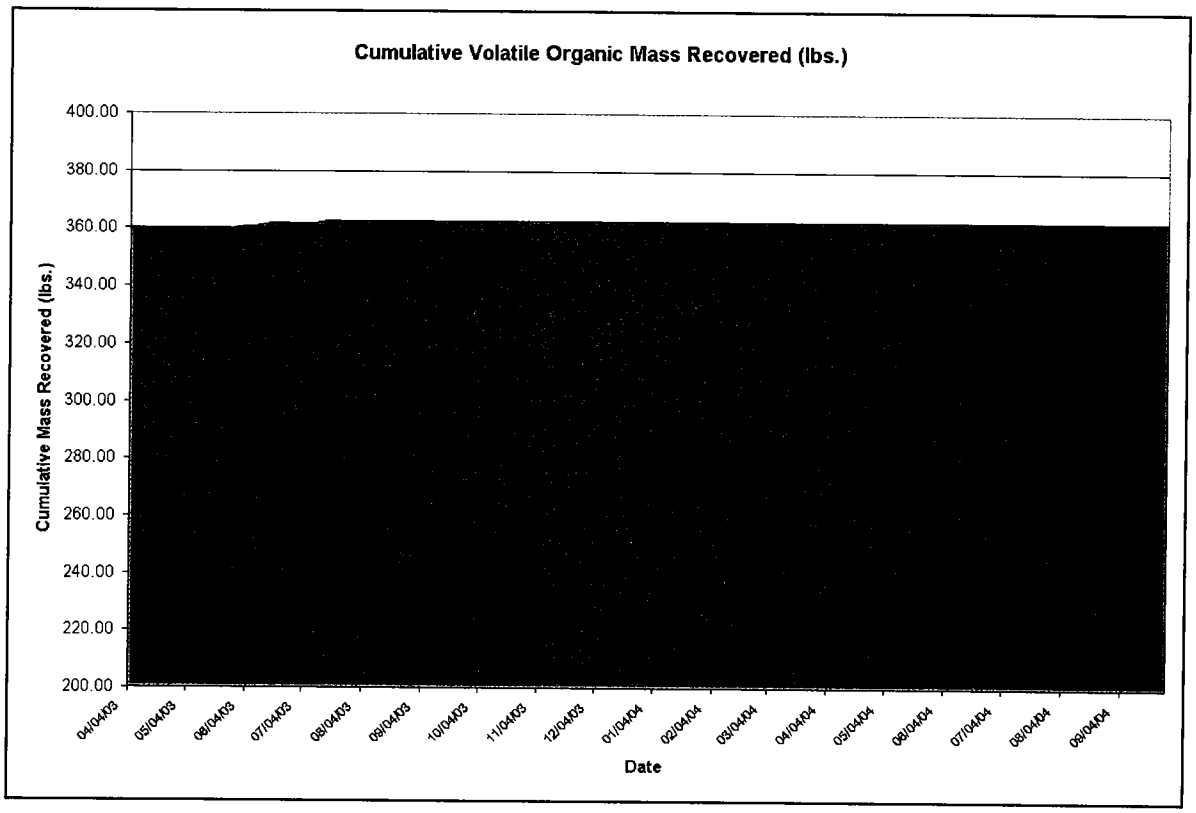

LEGEND
ELECTRICAL LINE
FLUIDS/VAPOR PIPING
HOSE
PRESSURE SWITCH
QUICK DISCONNECT
TEMPERATURE GAUGE
BALL VALVE / DRAIN
WELL SEAL
VACUUM GAUGE
SAMPLE PORT
PRESSURE RELIEF
LOCK BOX
CHECK VALVE
PRESSURE GAUGE
TANK FULL FLOAT
HIGH FLOAT
LO FLOAT
LO/LO FLOAT
VACUUM RELIEF
LIQUID FLOW METER
AIR FLOW METER
VENTILATION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

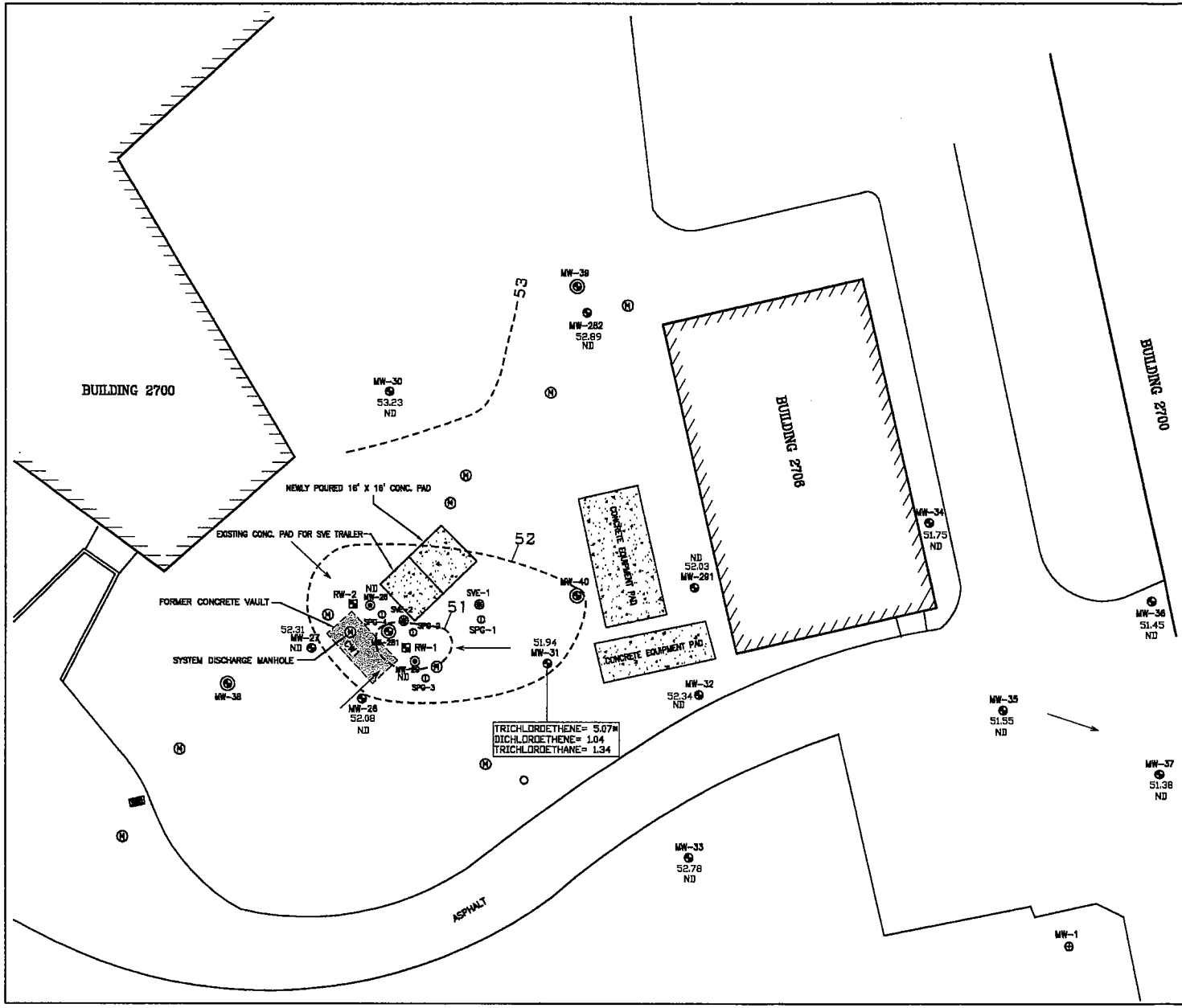
Figure 4

Soil Vapor Extraction Influent Concentrations & Recovery Graphs

CW-1 Building 2700 - Fort Monmouth, NJ







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

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

ALL ELEVATIONS ARE IN FEET
CONTOUR INTERVAL = 1 FT
CONTOURS ARE DASHED WHERE INFERRED
→ GROUNDWATER FLOW DIRECTION

WELLS	TOC	DTW	GW ELEV
MW-26	62.46	10.38	52.08
MW-27	62.56	10.25	52.31
MW-28	62.89	10.11	52.78*
MW-29	62.44	10.25	52.19*
MW-30	63.34	10.11	53.23
MW-31	62.72	10.78	51.94
MW-32	63.62	11.28	52.34
MW-33	63.69	10.91	52.78
MW-34	60.07	8.32	51.75
MW-35	59.55	8.00	51.55
MW-36	60.15	8.70	51.45
MW-37	59.65	8.27	51.38
MW-282	61.47	8.58	52.89
MW-291	63.38	11.35	52.03
RW-1	62.40	12.2	50.20**
RW-2	62.90	11.50	51.40**

*Wells under vacuum influence - elevation data not used
**Recovery Well elevations taken 6/25/03

0 10 20 30 60

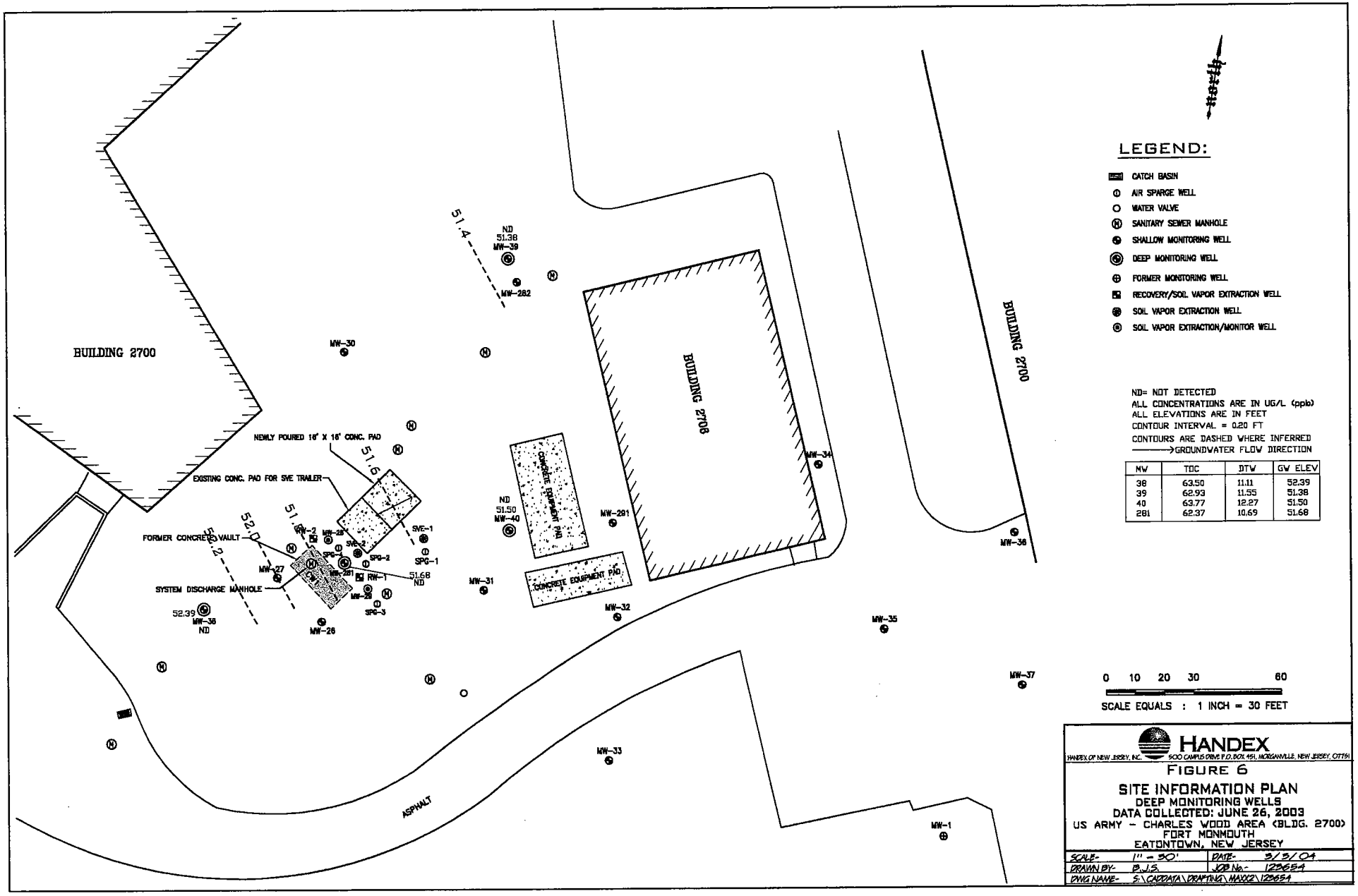
SCALE EQUALS : 1 INCH = 30 FEET

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

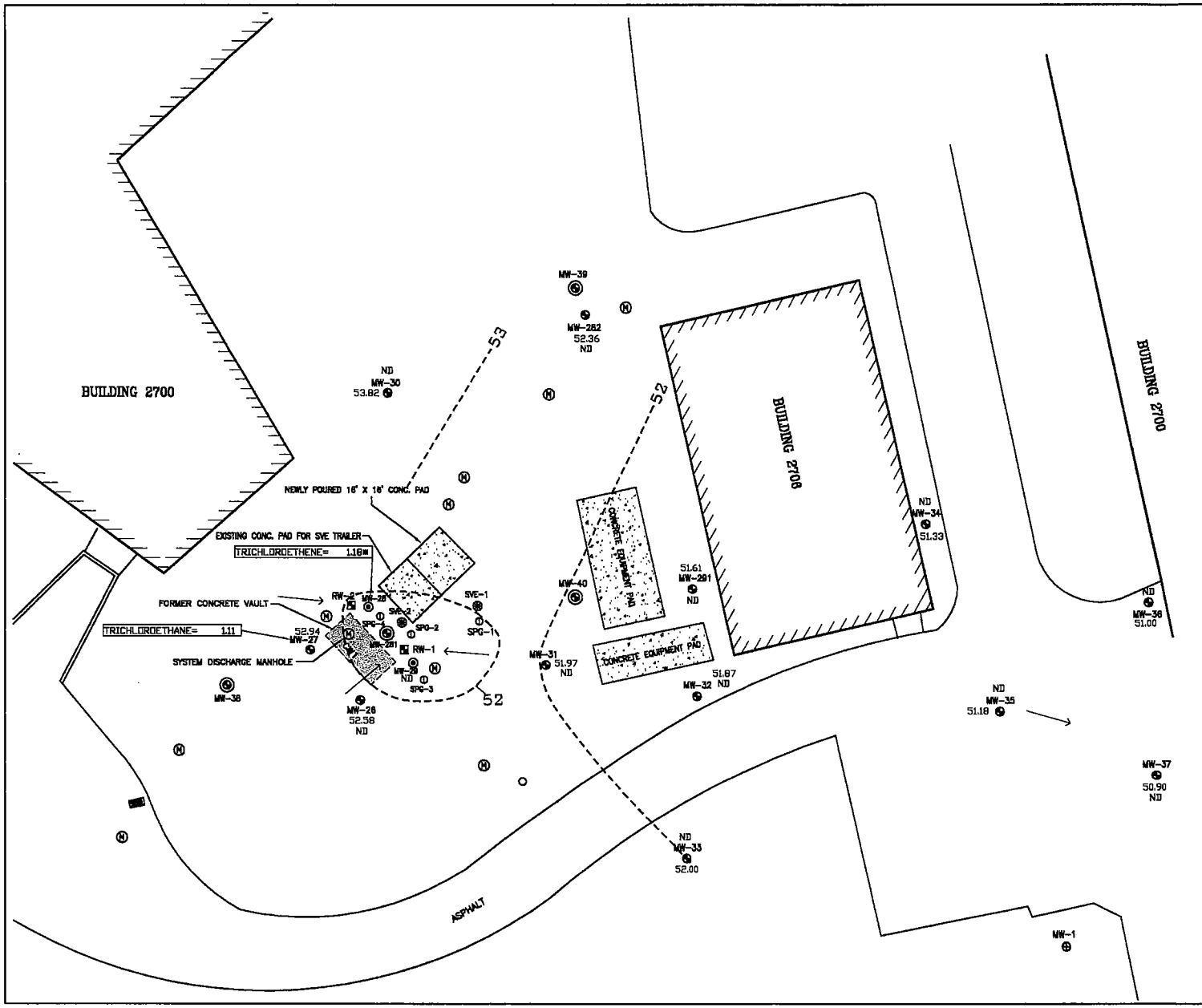
FIGURE 5

SITE INFORMATION PLAN
SHALLOW MONITORING WELLS
DATA COLLECTED: JUNE 26, 2003
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	3/3/04
DRAWN BY-	B.J.S.	JOB No.-	123654
DWG NAME-	S:\CADDATA\DRAFTING\MAXOZ\123654		



MW	TOC	DTW	GW ELEV
38	63.50	11.11	52.39
39	62.93	11.55	51.38
40	63.77	12.27	51.50
281	62.37	10.69	51.68



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 QUALTY CRITERIA

ALL ELEVATIONS ARE IN FEET
CONTOUR INTERVAL = 1 FT
CONTOURS ARE DASHED WHERE INFERRED
→ GROUNDWATER FLOW DIRECTION

WELLS	TOC	DTW	GW ELEV
MW-26	62.46	9.88	52.58
MW-27	62.56	9.62	52.94
MW-28	62.89	7.95	54.94■
MW-29	62.44	7.55	54.89■
MW-30	63.34	9.52	53.82
MW-31	62.72	10.75	51.97
MW-32	63.62	11.75	51.87
MW-33	63.69	11.69	52.00
MW-34	60.07	8.74	51.33
MW-35	59.55	8.37	51.18
MW-36	60.15	9.15	51.00
MW-37	59.65	8.75	50.90
MW-282	61.47	9.11	52.36
MW-291	63.38	11.77	51.61
RW-1	62.40	11.30	51.10■■
RW-2	62.90	10.90	52.00■■

■WELLS UNDER VACUUM INFLUENCE - ELEVATION DATA NOT USED
■■RECOVERY WELL ELEVATIONS TAKEN 8/1/03

0 10 20 30 60

SCALE EQUALS : 1 INCH = 30 FEET

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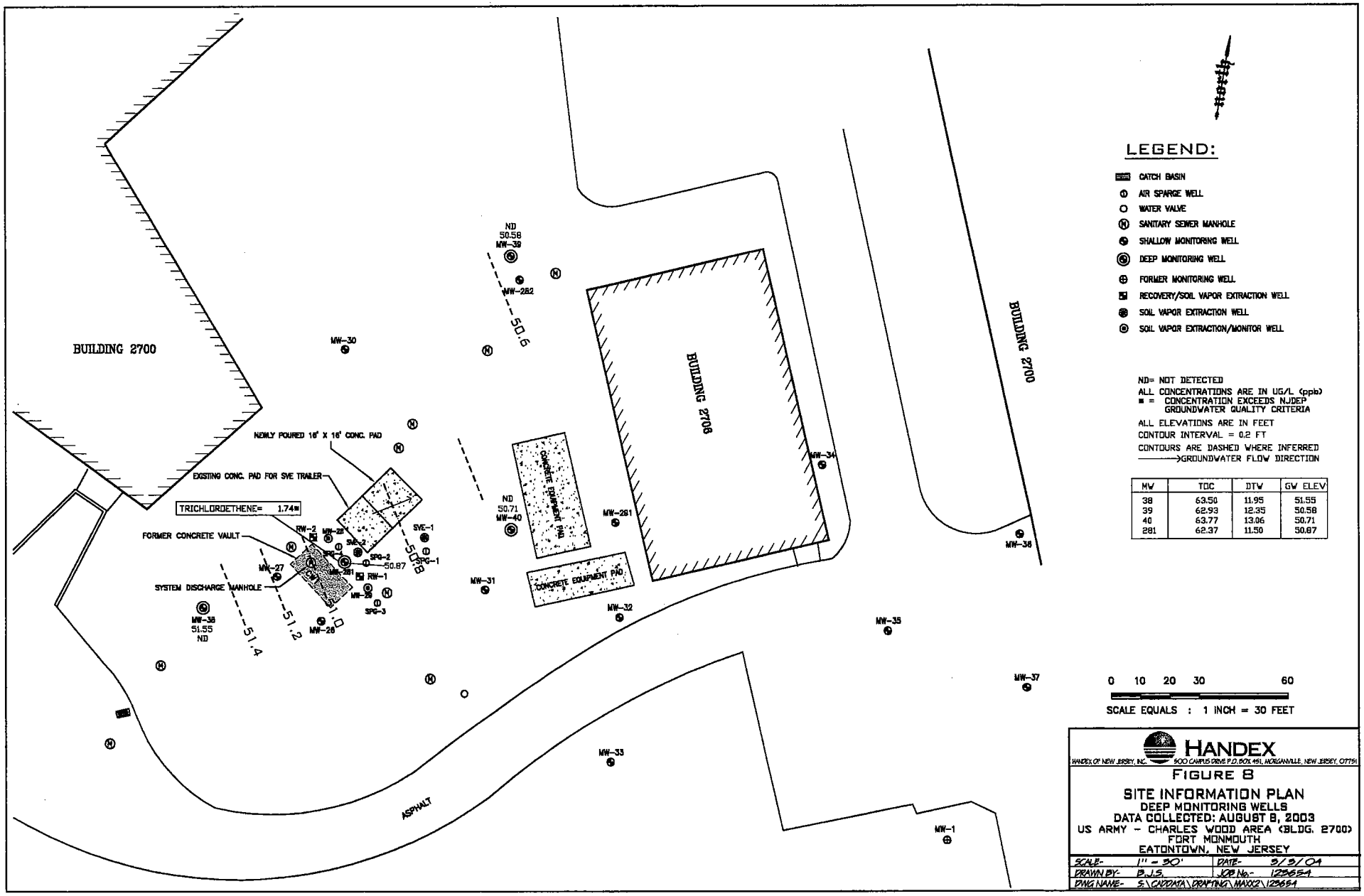
FIGURE 7

SITE INFORMATION PLAN
SHALLOW MONITORING WELLS
DATA COLLECTED: AUGUST 6, 2003
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	3/3/04
DRAWN BY-	B.J.S.	JOB No.-	129654
DWG NAME-	S:\CADDATA\DRAFTING\MAXX2\129654		



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

ND= NOT DETECTED
ALL CONCENTRATIONS ARE IN UG/L (ppb)
■ = CONCENTRATION EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA
ALL ELEVATIONS ARE IN FEET
CONTOUR INTERVAL = 0.2 FT
CONTOURS ARE DASHED WHERE INFERRED
→GROUNDWATER FLOW DIRECTION

MW	TOC	DTW	GW ELEV
38	63.50	11.95	51.55
39	62.93	12.35	50.58
40	63.77	13.06	50.71
281	62.37	11.50	50.87

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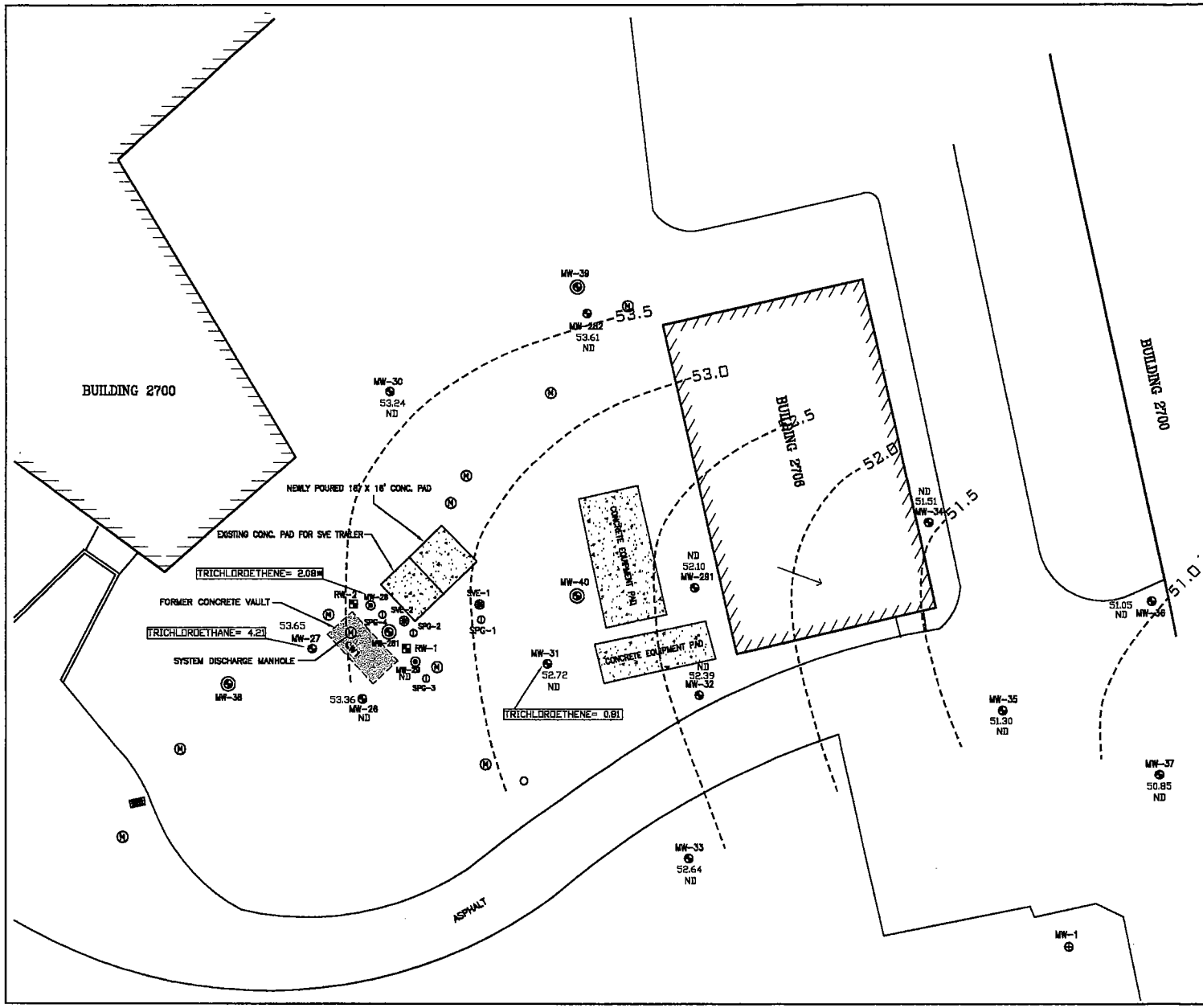
FIGURE 8

SITE INFORMATION PLAN
DEEP MONITORING WELLS
DATA COLLECTED: AUGUST 8, 2003
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	9/3/04
DRAWN BY-	B.J.S.	JOB No.-	125654
DWG NAME-	S:\CADDATA\DRAFTING\MAXX02\125654		



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

ND= NOT DETECTED
ALL CONCENTRATIONS ARE IN UG/L (ppb)
■ = CONCENTRATION EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA
ALL ELEVATIONS ARE IN FEET
CONTOUR INTERVAL = 1 FT
CONTOURS ARE DASHED WHERE INFERRED
→ GROUNDWATER FLOW DIRECTION

MW	TOC	DTW	GW ELEV
MW-26	62.46	9.10	53.36
MW-27	62.56	8.91	53.65
MW-28	62.89	7.98	54.91■
MW-29	62.44	7.85	54.59■
MW-30	63.34	10.10	53.24
MW-31	62.72	10.00	52.72
MW-32	63.62	11.23	52.39
MW-33	63.69	11.05	52.64
MW-34	60.07	8.56	51.51
MW-35	59.55	8.25	51.30
MW-36	60.15	9.10	51.05
MW-37	59.65	8.80	50.85
MW-282	61.47	7.86	53.61
MW-291	63.38	11.28	52.10
RW-1	62.40	8.33	54.07■■
RW-2	62.90	8.50	54.40■■

■WELLS UNDER VACUUM INFLUENCE - ELEVATION DATA NOT USED
■■RECOVERY WELL ELEVATION TAKEN 11/20/03
NOTE: SYSTEM DOWN

0 10 20 30 60

SCALE EQUALS : 1 INCH = 30 FEET

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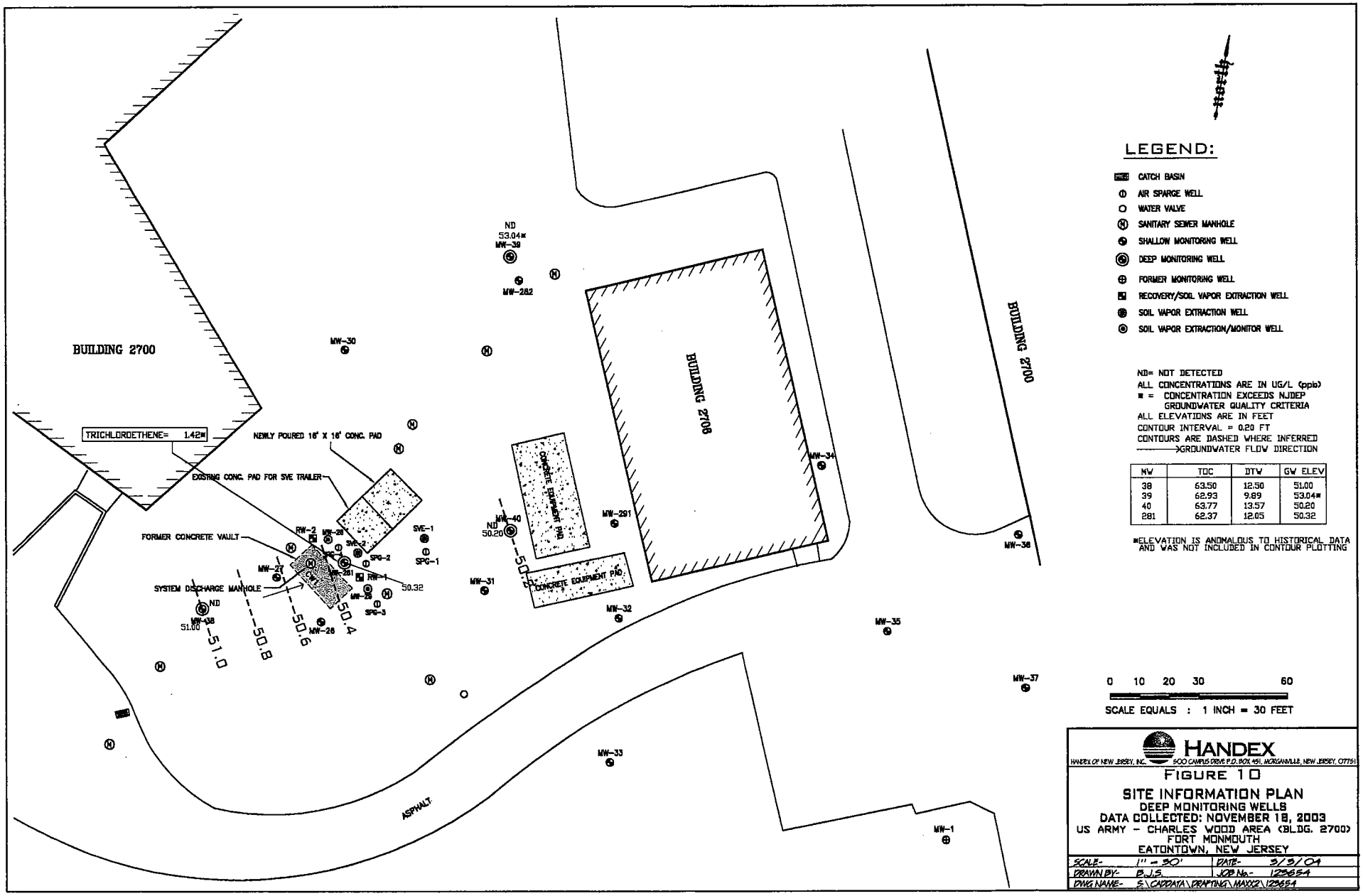
FIGURE 9

SITE INFORMATION PLAN
SHALLOW MONITORING WELLS
DATA COLLECTED: NOVEMBER 18, 2003
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	3/3/04
DRAWN BY-	B.J.S.	JOB No.-	123654
DWG NAME-	S:\CADDATA\DRAFTING\HAXOZ\123654		



MW	TOC	DTW	GW ELEV
38	63.50	12.50	51.00
39	62.93	9.89	53.04*
40	63.77	13.57	50.20
281	62.37	12.05	50.32

*ELEVATION IS ANOMALOUS TO HISTORICAL DATA AND WAS NOT INCLUDED IN CONTOUR PLOTTING

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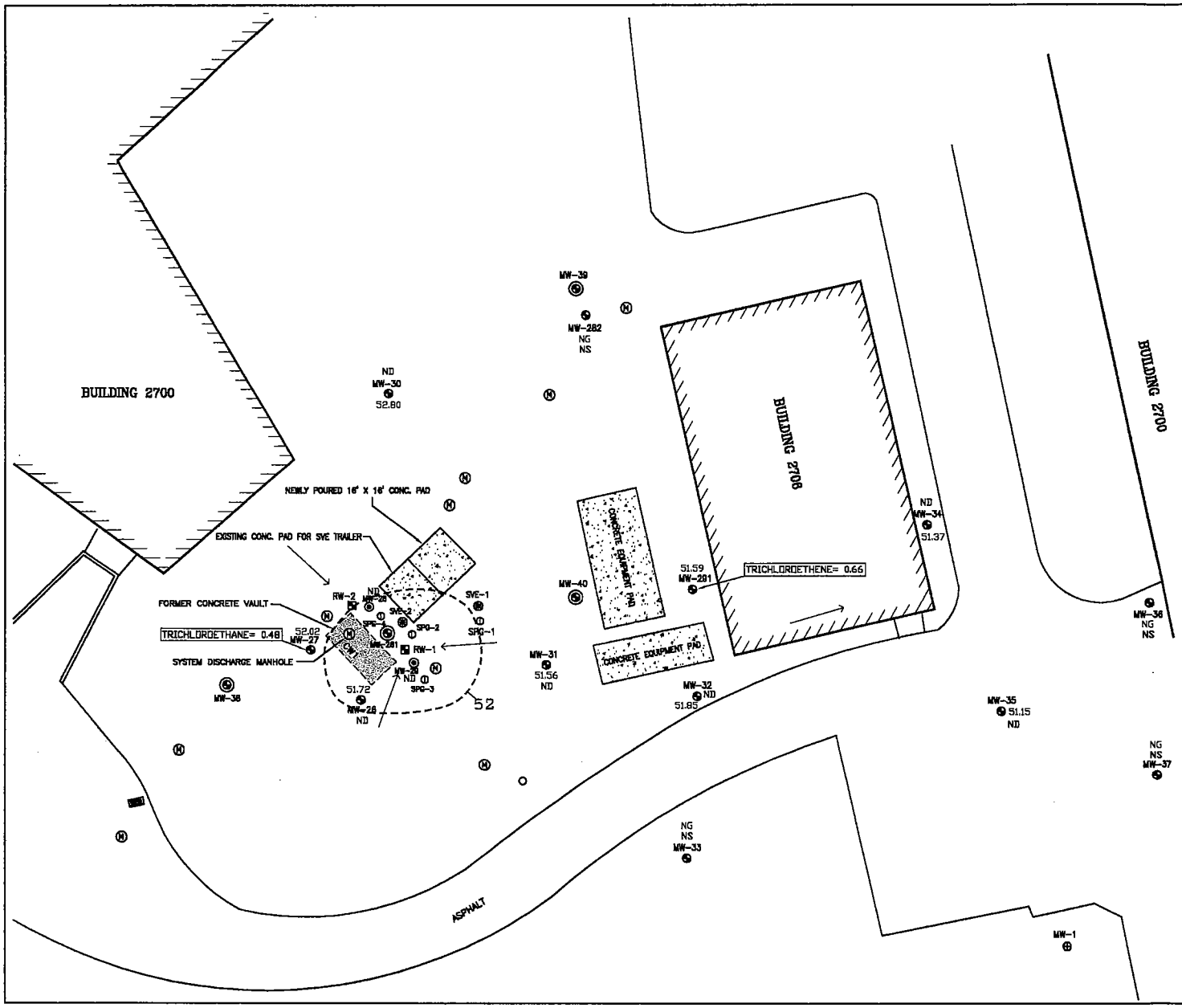
FIGURE 10

SITE INFORMATION PLAN
DEEP MONITORING WELLS
DATA COLLECTED: NOVEMBER 18, 2003
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	3/3/04
DRAWN BY-	B.J.S.	JOB No.-	125654
DWG NAME-	S:\CADDATA\DRAFTING\MAXX2\125654		



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

ND= NOT DETECTED
NS= NOT SAMPLED
ALL CONCENTRATIONS ARE IN UG/L (ppb)
ALL ELEVATIONS ARE IN FEET
CONTOUR INTERVAL = 0.50 FT
CONTOURS ARE DASHED WHERE INFERRED
NA= NOT AVAILABLE, POINTS TIED INTO SYSTEM
——→ GROUNDWATER FLOW DIRECTION
NG= NOT GAUGED

WELLS	TOC	DTW	GW ELEV
MW-26	62.46	10.74	51.72
MW-27	62.56	10.54	52.02
MW-28	62.89	NA	NA
MW-29	62.44	NA	NA
MW-30	63.34	10.54	52.80
MW-31	62.72	11.16	51.56
MW-32	63.62	11.77	51.85
MW-33	63.69	NS	NS
MW-34	60.07	8.70	51.37
MW-35	59.55	8.40	51.15
MW-36	60.15	NS	NS
MW-37	59.65	NS	NS
MW-282	61.47	NS	NS
MW-291	63.38	11.79	51.59
RW-1	62.40	11.11	51.29**
RW-2	62.90	10.88	52.02**

**RECOVERY WELL ELEVATION TAKEN 2/15/04

0 10 20 30 60

SCALE EQUALS : 1 INCH = 30 FEET

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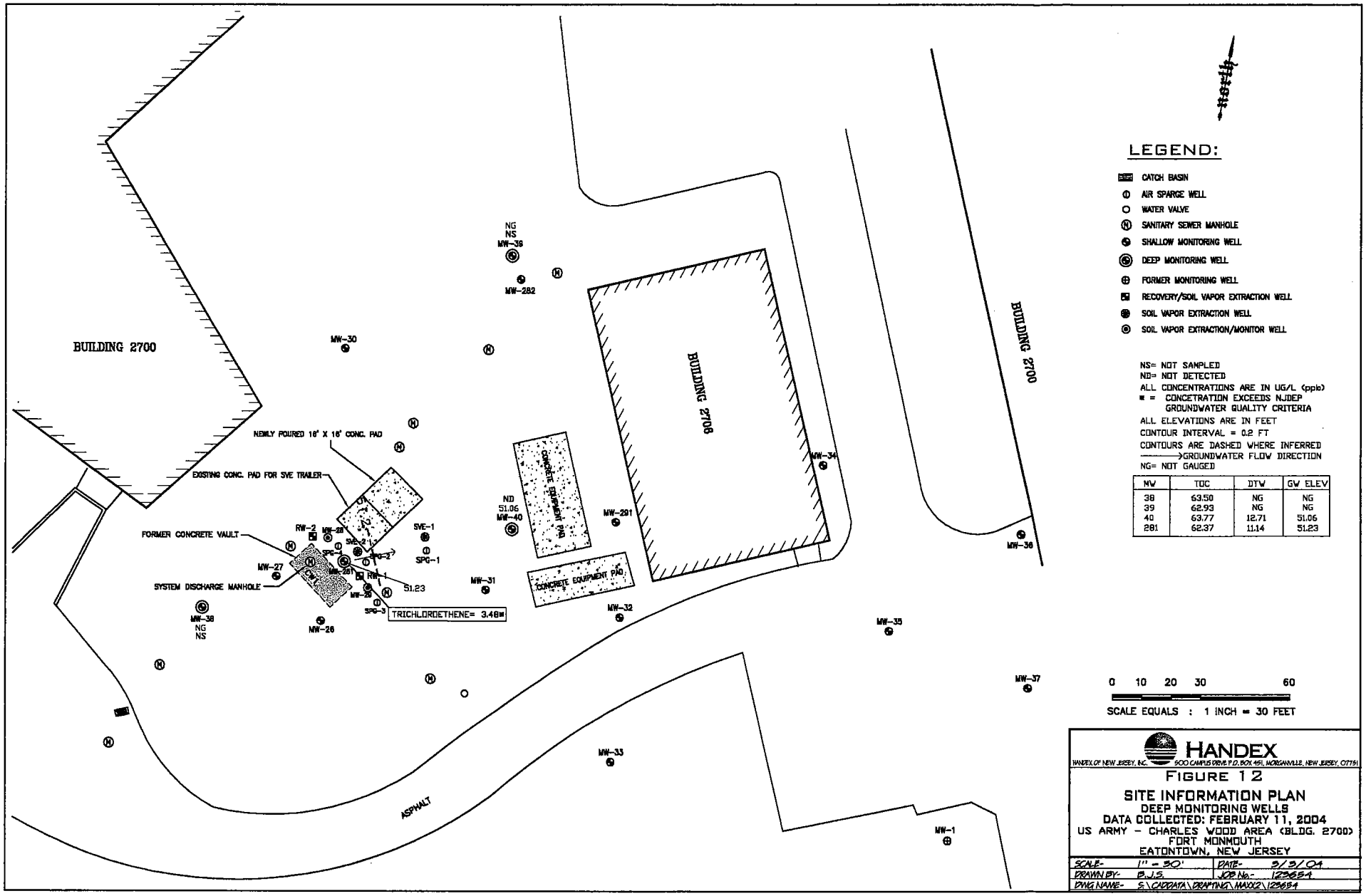
FIGURE 11

SITE INFORMATION PLAN
SHALLOW MONITORING WELLS
DATA COLLECTED: FEBRUARY 11, 2004
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	3/3/04
DRAWN BY-	B.J.S.	JOB No.-	128654
DWG NAME-	S:\CADDATA\DRAFTING\MAXX2\128654		



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)
* = CONCETRATION EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA
ALL ELEVATIONS ARE IN FEET
CONTOUR INTERVAL = 0.2 FT
CONTOURS ARE DASHED WHERE INFERRED
——→GROUNDWATER FLOW DIRECTION
NG= NOT GAUGED

MW	TOC	DTW	GW ELEV
38	63.50	NG	NG
39	62.93	NG	NG
40	63.77	12.71	51.06
281	62.37	11.14	51.23

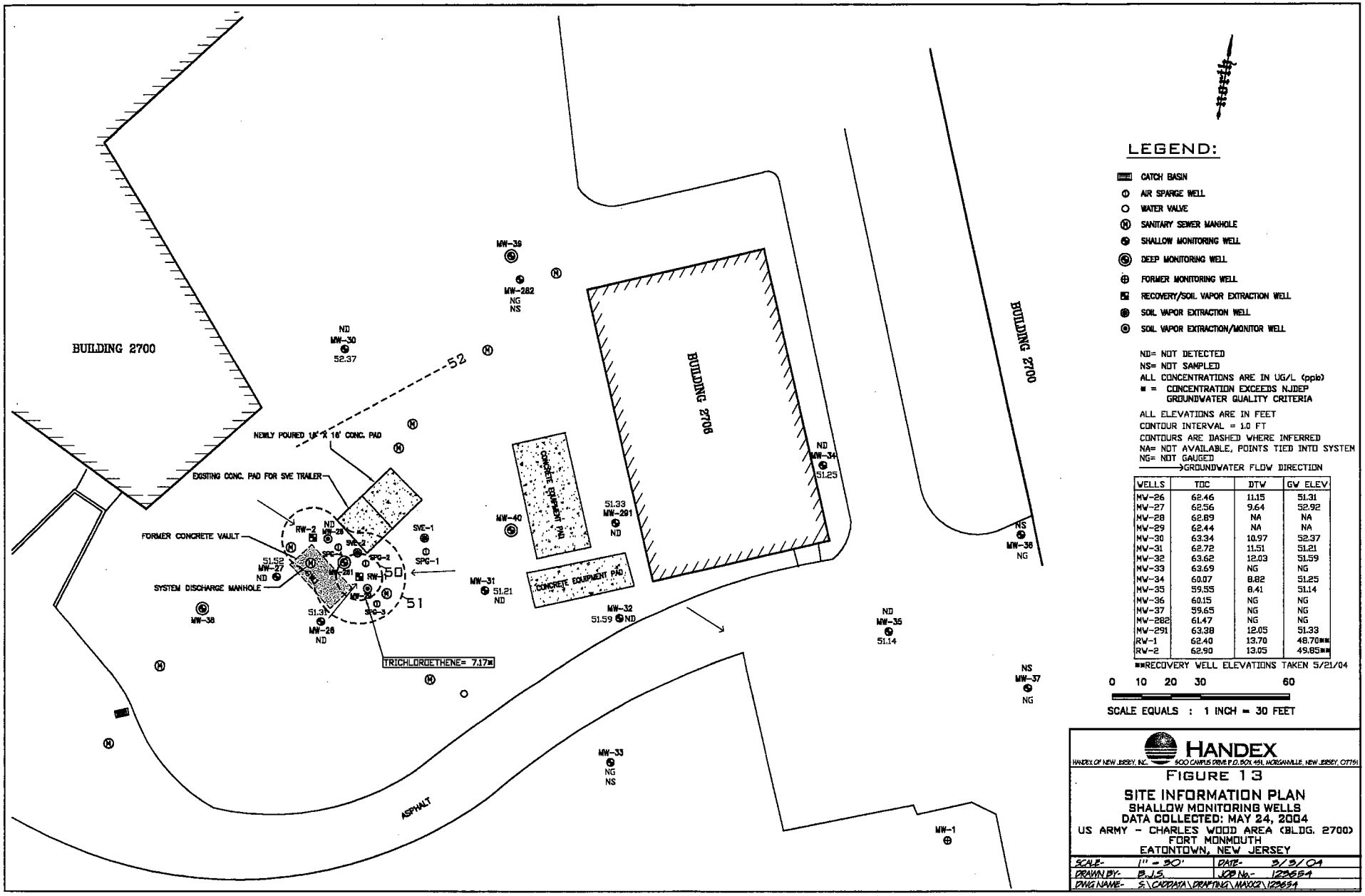
HANDEX
HANDEX OF NEW JERSEY, INC. 500 CAMPUS DRIVE, P.O. BOX 451, MORGANVILLE, NEW JERSEY, 07751

FIGURE 12

SITE INFORMATION PLAN

DEEP MONITORING WELLS
DATA COLLECTED: FEBRUARY 11, 2004
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	3/3/04
DRAWN BY-	B.J.S.	JOB No-	123654
DWG NAME-	S:\CADDATA\DRAFTING\HAXOC2\123654		



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

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

ALL ELEVATIONS ARE IN FEET
CONTOUR INTERVAL = 1.0 FT
CONTOURS ARE DASHED WHERE INFERRED
NA= NOT AVAILABLE, POINTS TIED INTO SYSTEM
NG= NOT GAUGED
→ GROUNDWATER FLOW DIRECTION

WELLS	TOC	DTW	GW ELEV
MW-26	62.46	11.15	51.31
MW-27	62.56	9.64	52.92
MW-28	62.89	NA	NA
MW-29	62.44	NA	NA
MW-30	63.34	10.97	52.37
MW-31	62.72	11.51	51.21
MW-32	63.62	12.03	51.59
MW-33	63.69	NG	NG
MW-34	60.07	8.82	51.25
MW-35	59.55	8.41	51.14
MW-36	60.15	NG	NG
MW-37	59.65	NG	NG
MW-282	61.47	NG	NG
MW-291	63.38	12.05	51.33
RW-1	62.40	13.70	48.70■■
RW-2	62.90	13.05	49.85■■

■■RECOVERY WELL ELEVATIONS TAKEN 5/21/04

0 10 20 30 60

SCALE EQUALS : 1 INCH = 30 FEET

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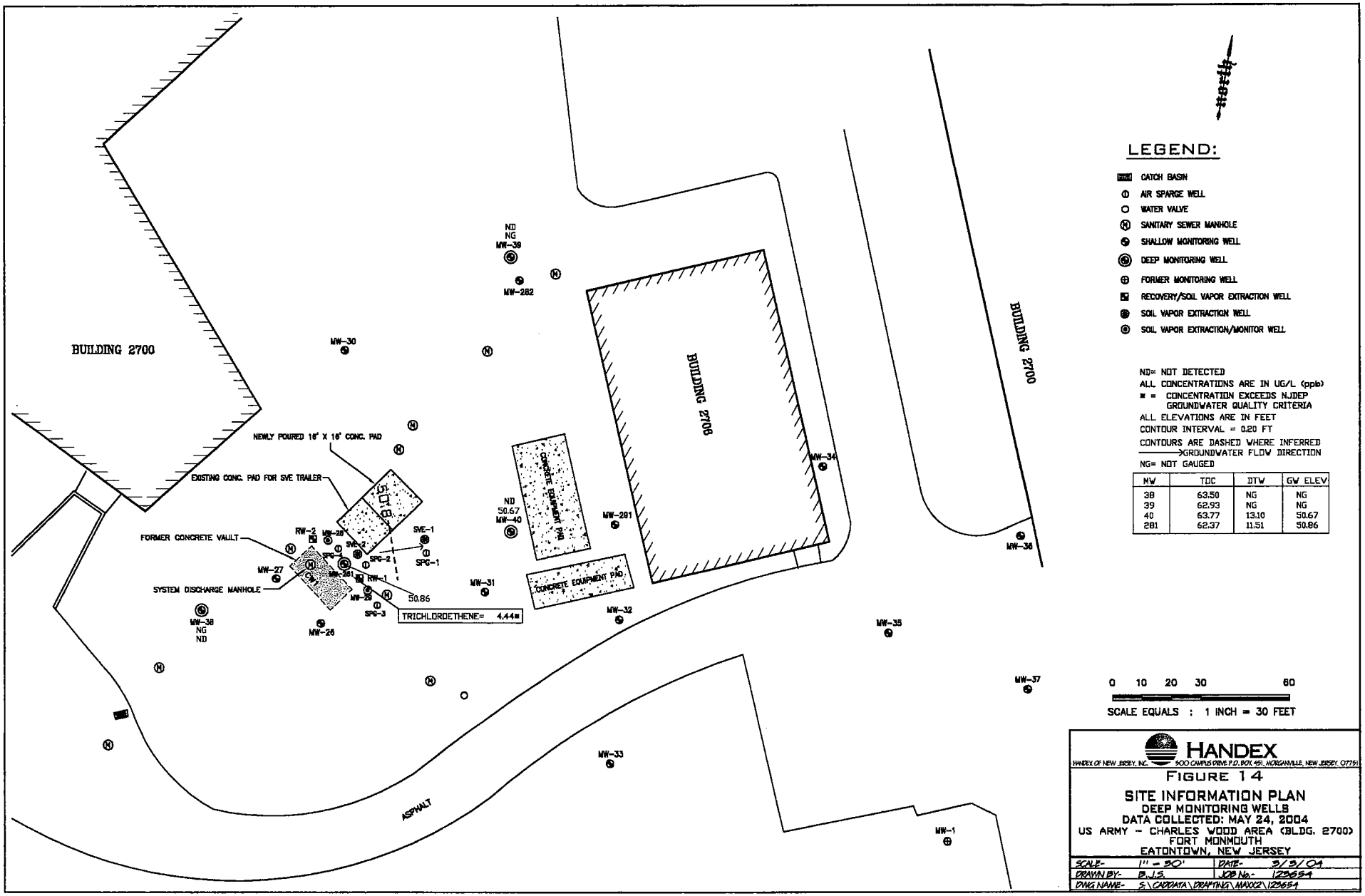
HANDEX OF NEW JERSEY, INC. 500 CAMPUS DRIVE P.O. BOX 451, MORGANVILLE, NEW JERSEY, 07751

FIGURE 13

SITE INFORMATION PLAN
SHALLOW MONITORING WELLS
DATA COLLECTED: MAY 24, 2004
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	3/3/04
DRAWN BY-	B.J.S.	JOB No.-	122654
DWG NAME-	S:\CADDATA\DRAFTING\MAX02\122654		



MW	TOC	DTW	GW ELEV
38	63.50	NG	NG
39	62.93	NG	NG
40	63.77	13.10	50.67
281	62.37	11.51	50.86

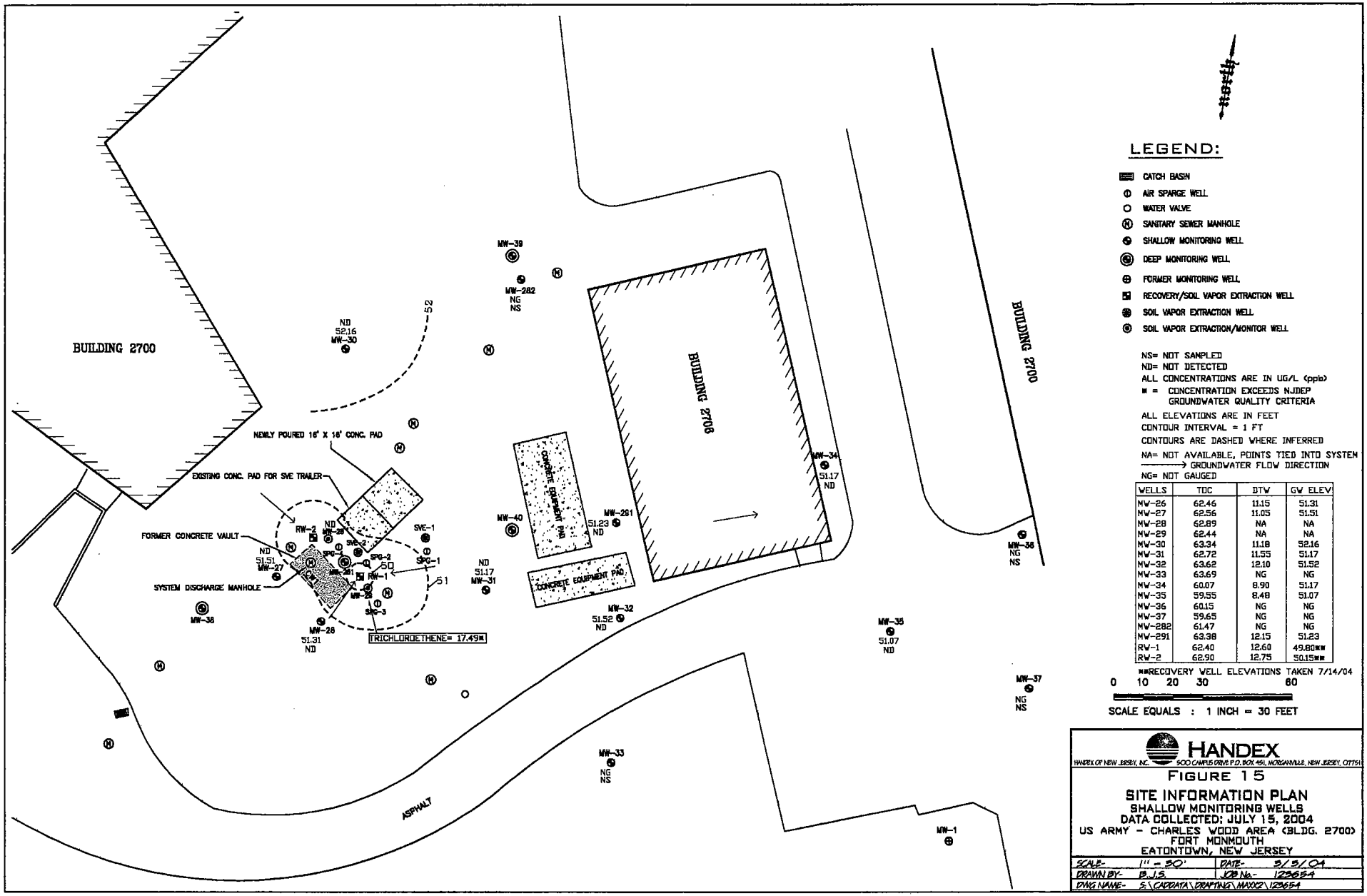
HANDEX

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

FIGURE 14

SITE INFORMATION PLAN
DEEP MONITORING WELLS
DATA COLLECTED: MAY 24, 2004
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	3/3/04
DRAWN BY-	B.J.S.	JOB No.-	125654
DWG NAME-	S:\CADDATA\DRAFTING\MAX02\125654		



LEGEND:

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

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

WELLS	TOC	DTW	GW ELEV
MW-26	62.46	11.15	51.31
MW-27	62.56	11.05	51.51
MW-28	62.89	NA	NA
MW-29	62.44	NA	NA
MW-30	63.34	11.18	52.16
MW-31	62.72	11.55	51.17
MW-32	63.62	12.10	51.52
MW-33	63.69	NG	NG
MW-34	60.07	8.90	51.17
MW-35	59.55	8.48	51.07
MW-36	60.15	NG	NG
MW-37	59.65	NG	NG
MW-282	61.47	NG	NG
MW-291	63.38	12.15	51.23
RW-1	62.40	12.60	49.80**
RW-2	62.90	12.75	50.15**

**RECOVERY WELL ELEVATIONS TAKEN 7/14/04

0 10 20 30 60

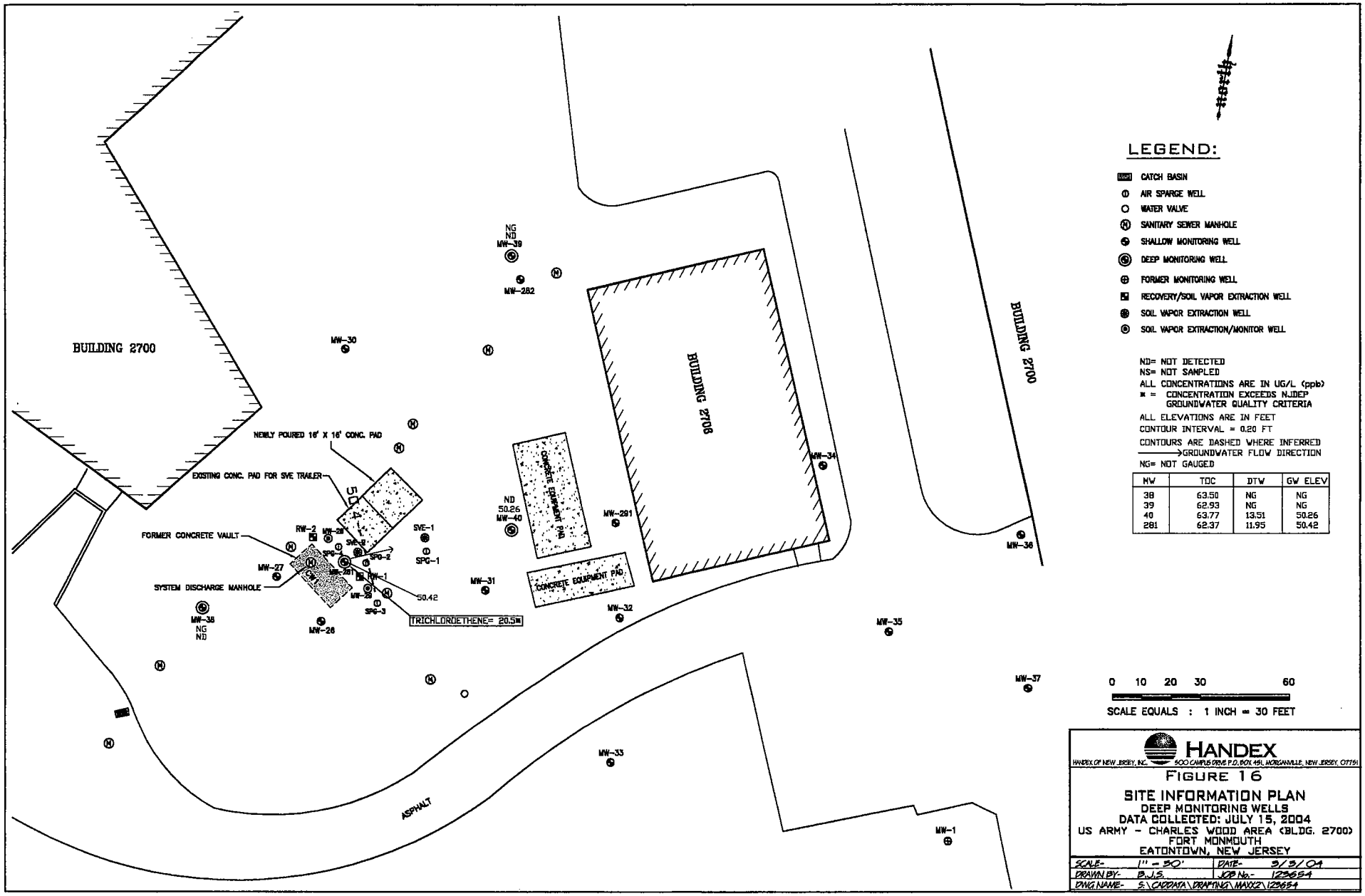
SCALE EQUALS : 1 INCH = 30 FEET

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

FIGURE 15

SITE INFORMATION PLAN
SHALLOW MONITORING WELLS
DATA COLLECTED: JULY 15, 2004
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	3/3/04
DRAWN BY-	B.J.S.	JOB No.-	123654
DWG NAME-	S:\CADDATA\DRAFTING\MAXXZ\123654		



MW	TOC	DTW	GW ELEV
38	63.50	NG	NG
39	62.93	NG	NG
40	63.77	13.51	50.26
281	62.37	11.95	50.42

HANDEX

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

FIGURE 16

SITE INFORMATION PLAN
DEEP MONITORING WELLS
DATA COLLECTED: JULY 15, 2004
US ARMY - CHARLES WOOD AREA (BLDG. 2700)
FORT MONMOUTH
EATONTOWN, NEW JERSEY

SCALE-	1" = 30'	DATE-	3/3/04
DRAWN BY-	B.J.S.	JOB No.-	123654
DWG NAME-	S:\CADDATA\DRAFTING\MAXX2\123654		

FIGURE 17
TOTAL VOC CONCENTRATIONS IN GROUNDWATER VS. TIME
SHALLOW SOURCE AREA WELLS – MW-28
FORT MONMOUTH – CHARLES WOOD AREA BUILDING 2700
EATONTOWN, NJ

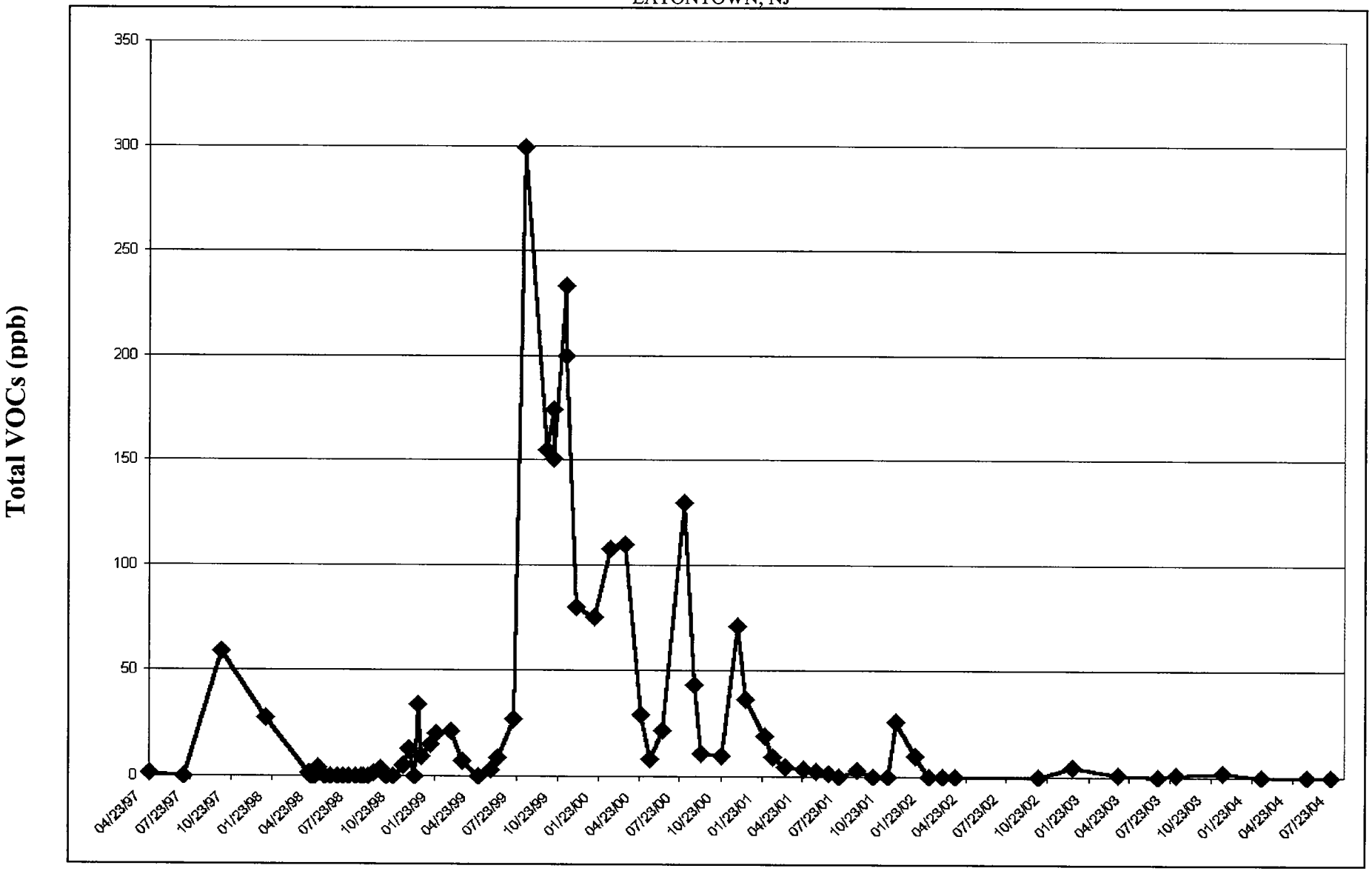


FIGURE 18
TOTAL VOC CONCENTRATIONS IN GROUNDWATER VS. TIME
SHALLOW SOURCE AREA WELLS – MW-29
FORT MONMOUTH – CHARLES WOOD AREA BUILDING 2700
EATONTOWN, NJ

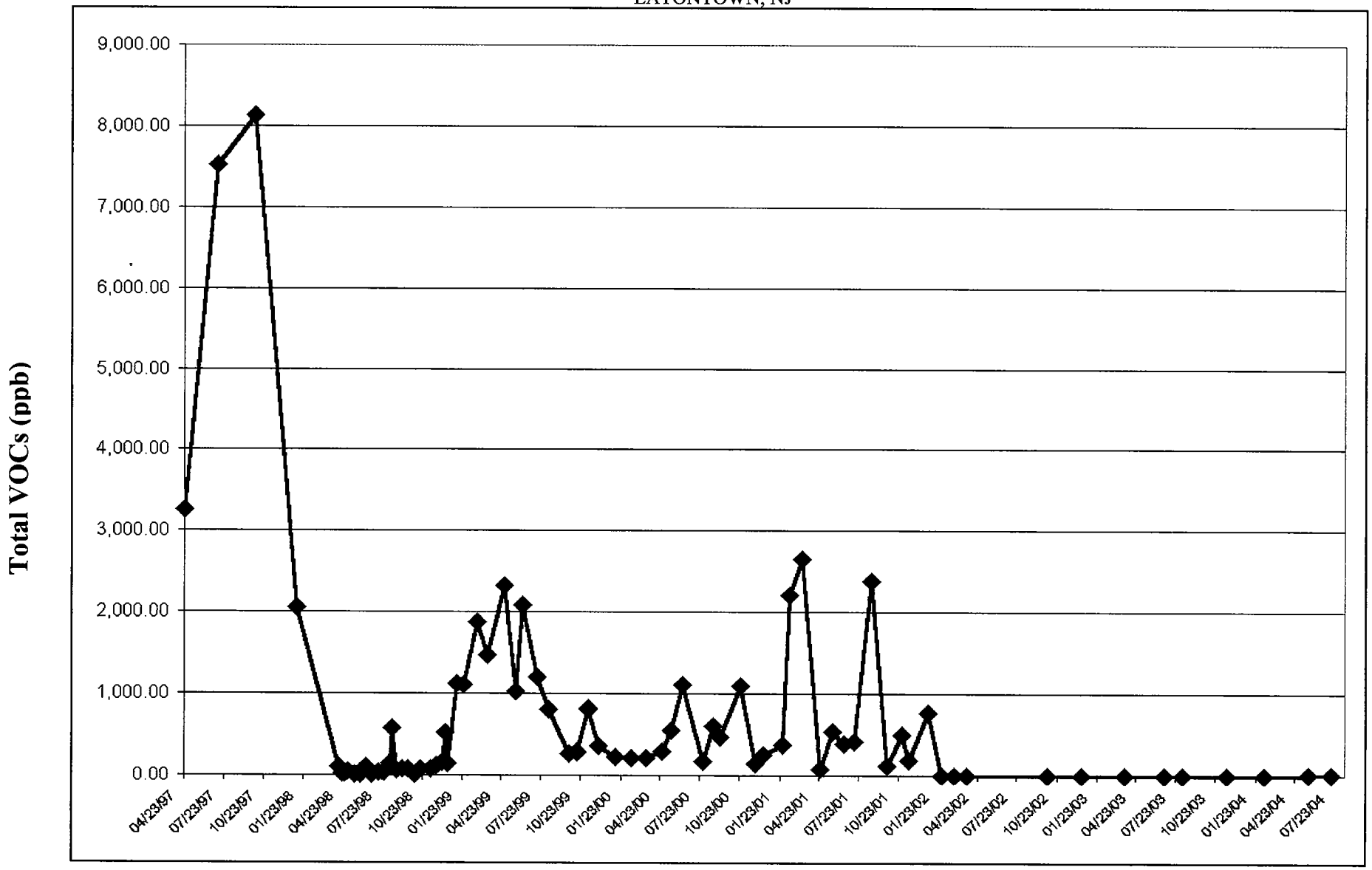
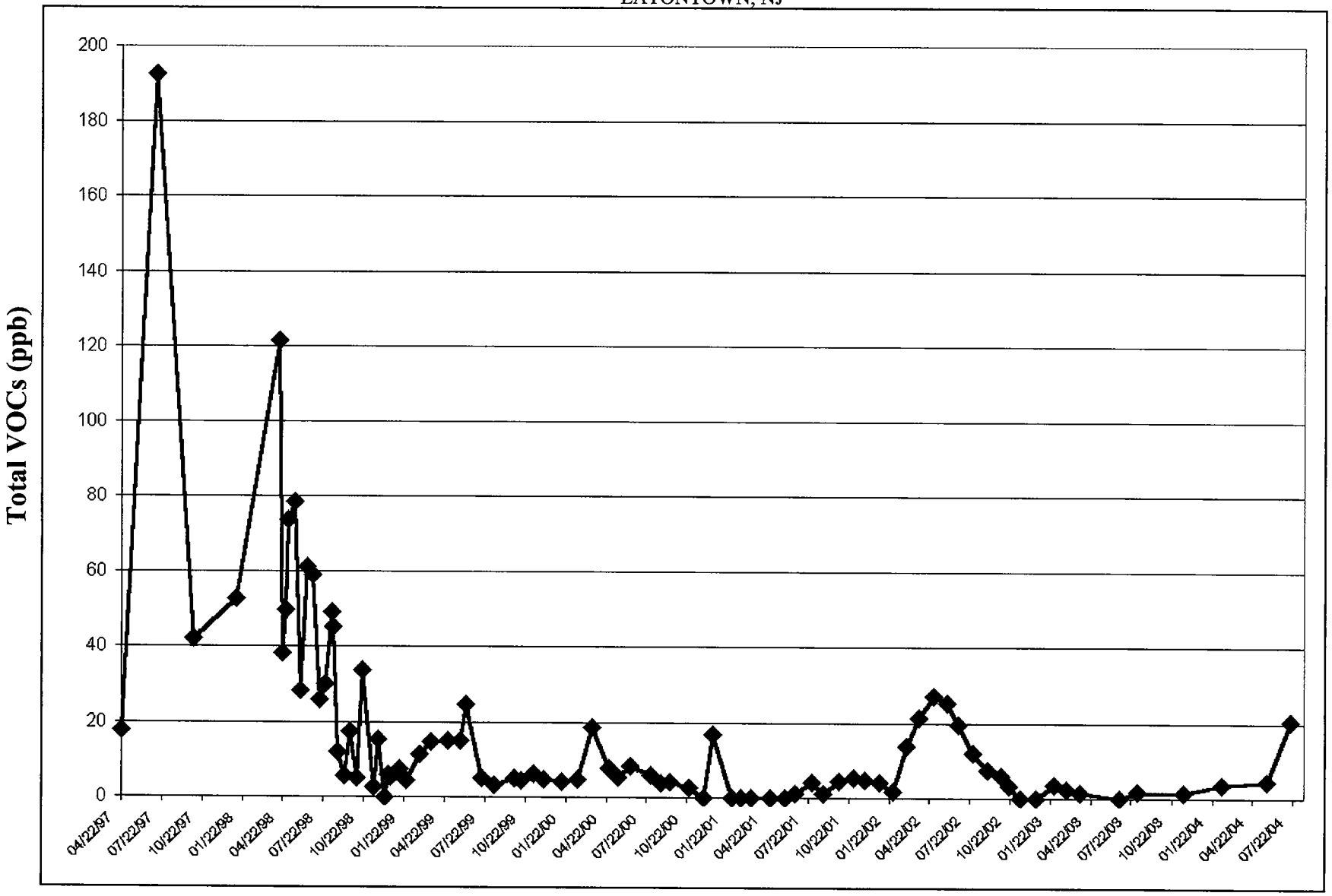


FIGURE 19
TOTAL VOC CONCENTRATIONS IN GROUNDWATER VS. TIME
DEEP SOURCE AREA WELL – MW-281
FORT MONMOUTH – CHARLES WOOD AREA BUILDING 2700
EATONTOWN, NJ



TABLES

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

DATE	SYSTEM UP/DOWN	APPLIED VACUUM ("H20)	AIR FLOW (cfm)	SYSTEM INFLUENT Concentratio (ppm)*	Equivalent Hydrocarbons Recovered (lbs/day)	Cumulative Equivalen Hydrocarbons Recovered (lbs.)
04/04/03	Up	22	5200	0	0.00	111.8
04/11/03	Up	25	5200	0	0.00	111.8
04/18/03	Up	26	4700	0	0.00	111.8
04/23/03	Up	24	4900	0	0.00	111.8
04/30/03	Up	24	4700	0	0.00	111.8
05/09/03	Up	25	4800	0	0.00	111.8
05/13/03	Up	21	5000	0	0.00	111.8
05/20/03	Up	22	4900	0	0.00	111.8
05/28/03	Up	34	5000	1	0.12	111.8
06/04/03	Up	35	4200	0	0.00	112.6
06/09/03	Down/Up	29	3900	1	0.10	112.6
06/17/03	Up	29	4400	0	0.00	113.4
06/25/03	Up	29	4500	0	0.00	113.4
07/02/03	Up	26	5000	0	0.00	113.4
07/10/03	Up	23	2650	2	0.13	113.4
07/16/03	Up	24	5200	0	0.00	114.1
07/23/03	Up	22	5200	0	0.00	114.1
08/01/03	Up	24	5000	0	0.00	114.1
08/08/03	Up	25	5000	0	0.00	114.1
08/15/03	Up	24	4900	0	0.00	114.1
08/22/03	Up	27	5000	0	0.00	114.1
08/28/03	Up	26	5300	0	0.00	114.1
09/05/03	Up	25	5300	0	0.00	114.1
09/10/03	Up	26	5300	0	0.00	114.1
09/16/03	Up	26	5400	0	0.00	114.1
09/26/03	Up	26	5200	0	0.00	114.1
10/03/03	Up	25	5500	0	0.00	114.1
10/10/03	Up	25	5400	0	0.00	114.1
10/15/03	Up	25	5500	0	0.00	114.1
10/23/03	Up	24	5400	0	0.00	114.1
10/29/03	Up	34	1200	0	0.00	114.1
11/06/03	Up	29	4750	0	0.00	114.1
11/14/03	Up	30	4800	0	0.00	114.1
11/20/03	Up	30	5000	0	0.00	114.1
11/25/03	Up	31	4600	0	0.00	114.1
12/04/03	Up	32	4500	0	0.00	114.1
12/12/03	Up	36	4400	0	0.00	114.1
12/19/03	Up	35	4500	0	0.00	114.1
12/23/03	Up	38	2500	0	0.00	114.1
12/30/03	Down/Up	33	4500	0	0.00	114.1
01/07/04	Up	34	4400	0	0.00	114.1
01/16/04	Up	8	3900	0	0.00	114.1
01/22/04	Up	23	5400	0	0.00	114.1
01/30/04	Up	24	5300	0	0.00	114.1
02/03/04	Up	24	5500	0	0.00	114.1
02/13/04	Up	23	5400	0	0.00	114.1
02/20/04	Up	22	5600	0	0.00	114.1
02/26/04	Up	19	5800	0	0.00	114.1
03/05/04	Up	19	4000	0	0.00	114.1
03/12/04	Up	19	3900	0	0.00	114.1
03/18/04	Up	20	4000	0	0.00	114.1
03/25/04	Up	19	3900	0	0.00	114.1
03/31/04	Up	21	3500	0	0.00	114.1
04/07/04	Up	21	3400	0	0.00	114.1
04/14/04	Up	23	3200	0	0.00	114.1
04/21/04	Up	21	3300	0	0.00	114.1
04/28/04	Up	21	3400	0	0.00	114.1
05/07/04	Up	21	3500	0	0.00	114.1
05/13/04	Up	21	3700	0	0.00	114.1

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

DATE	SYSTEM UP/DOWN	APPLIED VACUUM ("H20)	AIR FLOW (cfm)	SYSTEM INFLUENT Concentratio (ppm)*	Equivalent Hydrocarbons Recovered (lbs/day)	Cumulative Equivalen Hydrocarbons Recovered (lbs.)
05/21/04	Up	20	3700	0	0.00	114.1
05/27/04	Up	20	3800	0	0.00	114.1
06/04/04	Up	17	2700	0	0.00	114.1
06/09/04	Up	18	3400	0	0.00	114.1
06/18/04	Up	NA	3600	0	0.00	114.1
06/25/04	Up	16	2800	0	0.00	114.1
06/29/04	Up	20	3500	0	0.00	114.1
07/07/04	Up	20	3400	0	0.00	114.1
07/14/04	Up	19	3400	0	0.00	114.1
07/20/04	Up	19	3200	0	0.00	114.1
07/28/04	Up	22	3500	0	0.00	114.1
08/04/04	Up	20	3600	0	0.00	114.1
08/11/04	Up	20	3500	0	0.00	114.1
08/18/04	Up	21	1500	0	0.00	114.1
08/25/04	Up	22	3600	0	0.00	114.1
09/01/04	Up	22	3600	0	0.00	114.1
09/02/04	Up	23	3500	0	0.00	114.1
09/14/04	Up	23	3500	0	0.00	114.1
09/21/04	Up	21	1550	0	0.00	114.1
09/28/04	Up	23	3500	0	0.00	114.1

NOTES: Down/Up = System down upon arrival, but restarted by Technician
* Concentration data are from field measurements recorded with a organic vapor analyzer (OVA).

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

Monitor Date	System Status Arrival	System Status Departur	Totalizer Reading (gal)	Cumulative Gallons Pumped	Average Daily Flow	Comments
04/04/2003	Up	Up	858089	1858089	7806.14	
04/11/2003	Up	Up	912501	1912501	7773.14	
04/18/2003	Up	Up	973310	1973310	8687.00	
04/23/2003	Up	Up	18444	2018444	9026.80	
04/30/2003	Up	Up	78463	2078463	8574.14	
05/09/2003	Up	Up	147857	2147857	7710.44	
05/13/2003	Up	Up	178144	2178144	7571.75	
05/20/2003	Up	Up	229801	2229801	7379.57	
05/28/2003	Up	Up	284978	2284978	6897.13	
06/04/2003	Up	Up	341985	2341985	8143.86	
06/09/2003	Up	Up	379248	2379248	7452.60	
06/17/2003	Up	Up	440307	2440307	7632.38	
06/25/2003	Up	Up	506284	2506284	8247.13	
07/02/2003	Up	Up	559760	2559760	7639.43	
07/10/2003	Up	Up	623676	2623676	7989.50	
07/16/2003	Up	Up	668896	2668896	7536.67	
07/23/2003	Up	Up	724642	2724642	7963.71	
08/01/2003	Down	Up	747767	2747767	2569.44	
08/08/2003	Down	Up	774782	2774782	3859.29	System down - high H2O in floor sump. Replace vacuum breaker. Restart system.
08/15/2003	Down	Up	796124	2796124	3048.86	
08/22/2003	Down	Down	857613	2857613	8784.14	
08/28/2003	Down	Up	861784	2861784	695.17	Restart system following repairs.
09/05/2003	Down	Up	864889	2864889	388.13	System down due to high H2O in floor sump. Restart system.
09/10/2003	Down	Up	869428	2869428	907.80	
09/16/2003	Down	Up	874366	2874366	823.00	System down due to high H2O in floor sump. Restart system.
09/26/2003	Down	Up	876254	2876254	188.80	
10/03/2003	Down	Up	879688	2879688	490.57	System down due to high H2O in floor sump. Restart system.
10/10/2003	Down	Up	881880	2881880	313.14	System down due to high H2O in floor sump. Restart system.
10/15/2003	Down	Up	883329	2883329	289.80	System down due to high H2O in floor sump. Restart system.
10/23/2003	Down	Up	884163	2884163	104.25	System down due to high H2O in floor sump. Restart system.
10/29/2003	Down	Up	885814	2885814	275.17	System down due to high H2O in floor sump. Restart system.
11/06/2003	Down	Up	886283	2886283	58.63	System down due to high H2O in floor sump. Restart system.
11/14/2003	Down	Up	887225	2887225	117.75	System down due to high H2O in floor sump. Restart system.
11/20/2003	Down	Up	888874	2888874	274.83	System down due to high H2O in floor sump. Replaced GAC and restart system.
11/25/2003	Up	Up	932567	2932567	8738.60	
12/04/2003	Up	Up	968300	2968300	3970.33	
12/12/2003	Up	Up	45980	3045980	9710.00	
12/19/2003	Up	Up	104155	3104155	8310.71	
12/23/2003	Down	Up	129709	3129709	6388.50	
12/30/2003	Down	Up	131590	3131590	268.71	
01/07/2004	Down	Up	135468	3135468	484.75	
01/16/2004	Down	Down	140860	3140860	599.11	
01/22/2004	Down	Up	141264	3141264	67.33	Restart system following repairs.
01/30/2004	Up	Up	216933	3216933	9458.63	
02/03/2004	Up	Up	251404	3251404	8617.75	
02/13/2004	Up	Up	325850	3325850	7444.60	

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

Monitor Date	System Status Arrival	System Status Departur	Totalizer Reading (gal)	Cumulative Gallons Pumped	Average Daily Flow	Comments
02/20/2004	Up	Up	386123	3386123	8610.43	
02/26/2004	Up	Up	433621	3433621	7916.33	
03/05/2004	Up	Up	493660	3493660	7504.88	
03/12/2004	Up	Up	544010	3544010	7192.86	
03/18/2004	Up	Up	584586	3584586	6762.67	
03/25/2004	Up	Up	629814	3629814	6461.14	
03/31/2004	Up	Up	668885	3668885	6511.83	
04/07/2004	Up	Up	717351	3717351	6923.71	
04/14/2004	Up	Up	763935	3763935	6654.86	
04/21/2004	Up	Up	805863	3805863	5989.71	
04/28/2004	Up	Up	853956	3853956	6870.43	
05/07/2004	Up	Up	915061	3915061	6789.44	
05/13/2004	Up	Up	961445	3961445	7730.67	
05/21/2004	Up	Up	23918	4023918	7809.13	
05/27/2004	Up	Up	68035	4068035	7352.83	
06/04/2004	Up	Up	122746	4122746	6838.88	
06/09/2004	Up	Up	161361	4161361	7723.00	
06/18/2004	Down	Up	163269	4163269	212.00	System down due to high H2O in floor sump. Restart system.
06/25/2004	Down	Up	171779	4171779	1215.71	
06/29/2004	Down	Down	174912	4174912	783.25	
06/30/2004	Down	Up	177538	4177538	2626.00	Restart system following repairs.
07/07/2004	Up	Up	188197	4188197	1522.71	
07/14/2004	Up	Up	242073	4242073	7696.57	
07/20/2004	Up	Up	282163	4282163	6681.67	
07/28/2004	Up	Up	330245	4330245	6010.25	
08/04/2004	Up	Up	377367	4377367	6731.71	
08/11/2004	Up	Up	425606	4425606	6891.29	
08/18/2004	Up	Up	473990	4473990	6362.83	
08/25/2004	Up	Up	516954	4516954	6137.71	
09/01/2004	Up	Up	565581	4565581	7116.15	
09/08/2004	Up	Up	611782	4611782	6541.73	
09/14/2004	Up	Up	646639	4646639	5729.92	
09/21/2004	Up	Up	692058	4692058	6636.57	
09/28/2004	Up	Up	729846	4729846	5319.13	

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

Monitor Date	Total Chlorinated Hydrocarbon Influent Conc. (ug/l)	Total Chlorinated Hydrocarbon Influent Conc. (mg/l)	Total Flow meter reading (gals.)	Total flow for each sampling period (gals.)	Conversion Factor 3.7851 Liters/gal. (liters)	Conversion Factor	Chlorinated Hydrocarbons Removed (Lbs.)	TOTAL Chlorinated Hydrocarbons Recovered (Lbs.)
7/18/2002 startup	175.51	0.17551	27,346	27,346	7,224.64	1 lb. /453,600 mg	0.0028	**0.0028**
08/07/2002	64.07	0.06407	257,814	230,468	60,888.22	1 lb. /453,600 mg	0.0086	**0.0114**
09/13/2002	59.5	0.0595	581,644	323,830	85,553.88	1 lb. /453,600 mg	0.0112	**0.0226**
10/10/2002	136.07	0.13607	816,536	234,892	62,057.01	1 lb. /453,600 mg	0.0186	**0.0412**
11/22/2002	40.16	0.04016	1,127,525	310,989	82,161.37	1 lb. /453,600 mg	0.0073	**0.0485**
12/20/2002	37.41	0.03741	1,194,660	67,135	17,736.65	1 lb. /453,600 mg	0.0015	**0.0500**
01/24/2003	94.54	0.09454	1,375,195	180,535	47,696.23	1 lb. /453,600 mg	0.0099	**0.0599**
02/21/2003	48.68	0.04868	1,590,419	215,224	56,860.85	1 lb. /453,600 mg	0.0061	**0.0660**
03/20/2003	48.87	0.04887	1,865,195	274,776	72,594.12	1 lb. /453,600 mg	0.0078	**0.0738**
04/23/2003	51.2	0.0512	2,166,718	301,523	79,660.51	1 lb. /453,600 mg	0.0090	**0.0828**
05/20/2003	26.71	0.02671	2,497,708	330,990	87,445.51	1 lb. /453,600 mg	0.0051	**0.0880**
06/25/2003	70.5	0.0705	2,787,590	289,882	76,585.03	1 lb. /453,600 mg	0.0119	**0.0999**
07/16/2003	27.5	0.0275	3,021,267	233,677	61,736.02	1 lb. /453,600 mg	0.0037	**0.1036**
08/15/2003	49.32	0.04932	3,216,053	194,786	51,461.26	1 lb. /453,600 mg	0.0056	**0.1092**
09/16/2003	13.91	0.01391	3,318,240	102,187	26,997.17	1 lb. /453,600 mg	0.0008	**0.1100**
10/16/2003	14.86	0.01486	3,331,098	12,858	3,397.00	1 lb. /453,600 mg	0.0001	**0.1102**
11/20/2003	22.24	0.02224	3,393,224	62,126	16,413.30	1 lb. /453,600 mg	0.0008	**0.1110**
12/23/2003	21.6	0.0216	3,647,308	254,084	67,127.42	1 lb. /453,600 mg	0.0032	**0.1142**
01/30/2004	40.87	0.04087	3,760,154	112,846	29,813.21	1 lb. /453,600 mg	0.0027	**0.1168**
02/20/2004	40.47	0.04047	3,981,902	334,594	88,397.66	1 lb. /453,600 mg	0.0079	**0.1247**
03/12/2004	19.84	0.01984	4,191,642	544,334	143,809.67	1 lb. /453,600 mg	0.0063	**0.1310**
04/21/2004	21.84	0.02184	4,526,128	878,820	232,178.81	1 lb. /453,600 mg	0.0112	**0.1422**
05/27/2004	24.84	0.02484	4,445,926	798,618	210,989.93	1 lb. /453,600 mg	0.0116	**0.1538**
06/18/2004	48.7	0.0487	4,568,676	921,368	243,419.72	1 lb. /453,600 mg	0.0261	**0.1799**
07/28/2004	44.74	0.04474	4,392,463	745,155	196,865.34	1 lb. /453,600 mg	0.0194	**0.1993**
08/25/2004	47.53	0.04753	4,619,167	971,859	256,759.13	1 lb. /453,600 mg	0.0269	**0.2262**
09/28/2004	17.5	0.0175	4,883,431	1,236,123	326,576.05	1 lb. /453,600 mg	0.0126	**0.2388**

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

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
Well ID:		**MW26**		**Casing Elevation:**		**62.46**												
04/23/97	8.60	53.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/97	8.98	53.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/01/97	9.45	53.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/06/98	9.05	53.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/98	8.30	54.16	1.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.04
04/20/98	8.29	54.17	1.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.09
04/27/98	8.45	54.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/04/98	8.24	54.22	1.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.12
05/19/98	8.18	54.28	3.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.04
06/01/98	8.49	53.97	1.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.56
06/16/98	NA	NA	1.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.08
06/29/98	8.73	53.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/98	8.86	53.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/27/98	9.11	53.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/10/98	9.08	53.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/13/98	9.16	53.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/98	9.50	52.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/07/98	9.60	52.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29 (1)	29
09/21/98	9.99	52.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/05/98	10.01	52.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/19/98	10.11	52.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/98	9.73	52.73	27.66	ND	31.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.39
11/23/98	9.75	52.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/07/98	10.07	52.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/98	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/21/98	10.25	52.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/11/99	9.70	52.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/25/99	9.25	53.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/99	9.25	53.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/23/99	9.07	53.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/29/99	9.31	53.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/27/99	9.42	53.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
06/10/99	9.54	52.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/99	9.67	52.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/11/99	9.89	52.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/27/99	9.49	52.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/13/99	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/10/99	9.70	52.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.96	52.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/13/99	9.76	52.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/10/99	9.70	52.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.96	52.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/12/00	9.67	52.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/16/00	9.44	53.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/21/00	9.25	53.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/00	9.08	53.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/17/00	9.35	53.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/14/00	9.39	53.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/31/00	9.18	53.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/23/00	9.16	53.30	ND	ND	ND	ND	ND	ND	ND	ND	4.61	ND	ND	ND	ND	ND	ND	4.61
09/08/00	9.42	53.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	9.49	52.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	9.64	52.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/00	9.63	52.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/01	9.08	53.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/15/01	8.98	53.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	8.99	53.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/26/01	8.76	53.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	9.06	53.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.89	53.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/01	9.15	53.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	9.38	53.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	9.64	52.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	9.89	52.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	10.05	52.41	ND	ND	ND	ND	ND	1.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.71

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
12/31/01	10.45	52.01	ND	ND	ND	ND	ND	3.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.05
01/29/02	10.25	52.21	ND	ND	ND	ND	ND	1.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.31
02/28/02	10.33	52.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	9.78	52.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	9.75	52.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.81	52.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	9.56	52.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	13.07	49.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.99	48.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.90	48.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	12.27	50.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.58	49.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	9.25	53.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	11.56	50.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	10.85	51.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.13	51.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	10.38	52.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	9.88	52.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	9.10	53.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	10.74	51.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	11.15	51.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	11.15	51.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID:		**MW27**		**Casing Elevation:**		**62.56**												
04/23/97	8.60	53.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/01/97	9.50	53.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/06/98	8.95	53.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/98	8.10	54.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/98	8.11	54.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/98	8.17	54.39	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5
05/04/98	8.01	54.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/19/98	7.76	54.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/01/98	9.20	53.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/16/98	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
06/29/98	8.48	54.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/98	8.67	53.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/27/98	8.51	54.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/10/98	8.92	53.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/13/98	8.98	53.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/98	10.21	52.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/07/98	10.30	52.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/21/98	10.67	51.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/05/98	10.73	51.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/19/98	10.70	51.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/98	9.80	52.76	21.44	ND	29.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50.62
11/23/98	9.90	52.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/07/98	10.17	52.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/98	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/21/98	10.18	52.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/11/99	9.68	52.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/25/99	9.15	53.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/99	9.14	53.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/23/99	8.93	53.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/29/99	9.17	53.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/27/99	9.30	53.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/10/99	9.44	53.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/99	9.61	52.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9 (1)	9.0
08/11/99	9.84	52.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/27/99	9.45	53.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/13/99	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	ND
11/10/99	9.66	52.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.91	52.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	ND
10/13/99	9.72	52.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/10/99	9.66	52.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.91	52.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/12/00	9.63	52.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/16/00	9.37	53.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
03/21/00	9.19	53.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/00	8.95	53.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/17/00	9.24	53.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/14/00	9.31	53.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/31/00	9.08	53.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/23/00	9.52	53.04	1.46	ND	ND	ND	ND	ND	ND	ND	5.78	ND	ND	ND	ND	ND	ND	7.24
09/08/00	9.32	53.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND
10/24/00	9.34	53.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	9.58	52.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15/15/00	9.57	52.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/01	8.95	53.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/15/01	8.84	53.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	8.85	53.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/26/01	8.54	54.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	8.89	53.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.71	53.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/01	9.00	53.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	9.20	53.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.89	ND	ND	ND	ND	ND	2.89
09/28/01	9.57	52.99	ND	ND	ND	ND	ND	1.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.28
10/31/01	9.83	52.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	10.00	52.56	ND	ND	ND	ND	ND	3.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.06
12/31/01	10.30	52.26	19.07	ND	ND	ND	ND	4.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.97
01/29/02	10.17	52.39	1.8	ND	ND	ND	ND	3.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.74
02/28/02	10.25	52.31	7.14	ND	ND	ND	ND	4.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.62
03/28/02	9.20	53.36	2.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.84
04/30/02	9.64	52.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.70	52.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	9.57	52.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	12.99	49.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.91	48.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.77	48.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/27/02	12.22	50.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.48	50.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
12/17/02	9.11	53.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	11.38	51.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	10.52	52.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.03	51.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	10.25	52.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	9.62	52.94	ND	ND	ND	ND	ND	1.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.11
11/18/03	8.91	53.65	ND	ND	ND	ND	ND	4.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.21
02/11/04	10.54	52.02	ND	ND	ND	ND	ND	0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.48
05/24/04	11.04	51.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	11.05	51.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID:		**MW28**		**Casing Elevation:**		**62.89**												
04/23/97	9.05	53.84	1.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.42
07/07/97	9.20	53.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/01/97	9.70	53.19	59.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	59.37
01/06/98	9.40	53.49	27.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.73
04/13/98	8.40	54.49	1.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.42
04/20/98	8.43	54.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/98	8.52	54.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/04/98	8.33	54.56	2.57	ND	1.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.32
05/19/98	8.09	54.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/01/98	9.68	53.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/98	8.92	53.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/98	9.13	53.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/27/98	9.15	53.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/10/98	9.44	53.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/13/98	9.51	53.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/98	10.70	52.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/07/98	10.81	52.08	1.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.44
09/21/98	10.93	51.96	3.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.75
10/05/98	11.00	51.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/19/98	11.15	51.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/98	10.28	52.61	5.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.44
11/23/98	10.40	52.49	13.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.1

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
12/07/98	10.57	52.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/98	NA	NA	33.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.9
12/21/98	10.66	52.23	9.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.41
01/11/99	10.16	52.73	14.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.96
01/25/99	9.63	53.26	20.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.18
02/25/99	9.61	53.28	21.28	ND	1.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.28
03/23/99	9.38	53.51	7.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.15
04/29/99	9.65	53.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/27/99	9.79	53.10	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.1
06/10/99	9.91	52.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9 (1)	9.0
07/15/99	10.10	52.79	27.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	27.44
08/11/99	10.32	52.57	297.82	ND	1.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	299.41
09/27/99	9.94	52.95	130.94	ND	24.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	155.07
10/13/99	NA	NA	165.5 E	ND	8.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	174.46
11/10/99	10.13	52.76	208.05 E	ND	25.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	233.45
12/02/99	10.41	52.48	66.59	ND	13.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	80.16
10/13/99	10.21	52.68	141.46	ND	8.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150.42
11/10/99	10.13	52.76	174.48	ND	25.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	199.88
12/02/99	10.41	52.48	66.59	ND	13.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	80.16
01/12/00	10.10	52.79	67.35	ND	7.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	75.21
02/16/00	9.84	53.05	103.32	ND	4.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	107.56
03/21/00	9.67	53.22	106.66	ND	3.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	109.86
04/27/00	9.40	53.49	29.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.30
05/17/00	9.75	53.14	8.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.48
06/14/00	9.79	53.10	21.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.88
07/31/00	9.55	53.34	129.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	129.89
08/23/00	9.06	53.83	43.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	43.36
09/08/00	9.82	53.07	10.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.80
10/24/00	9.84	53.05	9.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.79
11/27/00	10.02	52.87	70.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70.95
12/15/00	10.05	52.84	36.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.63
01/29/01	9.44	53.45	19.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19.57
02/15/01	9.31	53.58	9.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.23

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
03/14/01	9.31	53.58	4.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.64
04/26/01	9.02	53.87	ND	ND	ND	ND	ND	3.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.91
05/24/01	9.36	53.53	ND	ND	ND	ND	ND	2.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.83
06/20/01	9.15	53.74	1.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.57
07/12/01	9.45	53.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	9.77	53.12	3.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.32
09/28/01	10.07	52.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	10.35	52.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	10.49	52.40	26.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.2
12/31/01	10.84	52.05	8.25	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.85
01/29/02	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
02/28/02	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/28/02	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/30/02	13.62	49.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	7.35	55.54	4.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.55
03/28/03	11.02	51.87	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
06/26/03	10.11	52.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	7.95	54.94	1.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.18
11/18/03	7.98	54.91	2.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.08
02/11/04	9.88	53.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	10.65	52.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	10.58	52.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID:		**MW29**		**Casing Elevation:**		**62.44**												
04/23/97	8.90	53.54	3,212	1.74	47.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6(1)	3,260.91
07/07/97	9.30	53.14	7,423	7.75	92.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7,523.22
10/01/97	9.98	52.46	7,836	5.75	290.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8,131.77
01/06/98	9.10	53.34	1,987	ND	69.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,056.81
04/13/98	8.40	54.04	96.25	ND	6.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	102.52
04/20/98	8.43	54.01	28.19	ND	3.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31.68
04/27/98	8.50	53.94	30.71	ND	2.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.14
05/04/98	8.09	54.35	41.49	ND	6.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.89
05/19/98	8.08	54.36	14.80	ND	2.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.34
06/01/98	9.58	52.86	13.49	ND	3.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16.73

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
06/16/98	NA	53.24	90.34	ND	12.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	103.22
06/29/98	8.82	53.62	14.95	ND	2.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.33
07/13/98	8.25	54.19	35.68	ND	4.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.22
07/27/98	8.29	54.15	29.71	ND	6.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36.35
08/10/98	9.18	53.26	100.44	ND	50.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150.49
08/13/98	9.26	53.18	496.93	ND	88.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	585.30
08/24/98	10.59	51.85	42.97	ND	27.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	70.35
09/07/98	10.60	51.84	56.45	ND	25.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	81.78
09/21/98	10.94	51.50	50.97	ND	25.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	76.51
10/05/98	10.99	51.45	10.11	ND	4.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.61
10/19/98	11.04	51.40	47.69	ND	31.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	79.47
11/12/98	9.50	52.94	36.48	ND	46.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	82.76
11/23/98	10.83	51.61	73.42	ND	51.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	124.58
12/07/98	10.17	52.27	69.81	ND	89.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	158.92
12/15/98	NA	NA	374.58	ND	153.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	528.43
12/21/98	10.32	52.12	96.48	ND	54.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	151.20
01/11/99	9.79	52.65	960.40	ND	164.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,125.36
01/25/99	9.30	53.14	987.23	ND	128.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,115.37
02/25/99	9.34	53.10	1,789.94	ND	88.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,878.88
03/23/99	9.09	53.35	1,342	ND	126.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,468.68
04/29/99	9.40	53.04	2,167	ND	156.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,323.47
05/27/99	9.59	52.85	950	ND	80.23	ND	ND	ND	ND	ND	ND	ND	1.03	ND	5.08	ND	ND	1,030.28
06/10/99	9.63	52.81	1,843	ND	245.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,087.79
07/15/99	9.76	52.68	752	ND	457.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,210.16
08/11/99	10.00	52.44	288	ND	523.43	ND	ND	ND	ND	ND	ND	ND	ND	2.37	3.78	ND	ND	811.54
09/27/99	9.61	52.83	119	ND	149.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	267.73
10/13/99	NA	52.73	99.62	ND	183.14	ND	ND	ND	ND	ND	ND	ND	ND	2.07	ANR	ND	ND	284.83
11/10/99	9.81	52.63	62.96	ND	746.3	ND	ND	ND	ND	ND	ND	ND	4.05	3.9	5.44	ND	ND	822.65
12/02/99	10.07	52.37	70.63	ND	286.62	ND	ND	ND	ND	ND	ND	ND	3.84	2.71	ANR	ND	ND	363.80
10/13/99	9.86	52.58	99.62	ND	183.14	5.87	2.07	ND	ND	ND	ND	ND	ND	2.07	ND	ND	ND	292.77
11/10/99	9.81	52.63	62.96	ND	746.3	3.06	1.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	813.99
12/02/99	10.07	52.37	70.63	ND	282.62	1.75	1.05	ND	ND	ND	ND	ND	3.84	2.71	ND	ND	ND	362.60
01/12/00	9.77	52.67	42.74	ND	186.58	1.95	ND	ND	ND	ND	ND	ND	ND	1.09	ND	ND	ND	232.36

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
02/16/00	9.54	52.90	41.51	ND	175.38	ND	ND	ND	ND	ND	ND	ND	ND	1.47	ND	ND	ND	218.36
03/21/00	9.35	53.09	97.50	ND	120.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	218.16
04/27/00	9.12	53.32	174.54	ND	118.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	293.01
05/17/00	9.47	52.97	357.72	ND	186.08	5.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	549.00
06/14/00	9.52	52.92	775.38	ND	335.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,111.21
07/31/00	9.25	53.19	78.43	ND	103.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	182.00
08/23/00	9.24	53.20	263.49	ND	352.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	615.59
09/08/00	9.53	52.91	225.03	ND	242.72	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	467.75
10/24/00	9.56	52.88	843.88	ND	250.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,094.21
11/27/00	9.71	52.73	54.06	ND	96.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	150.61
12/15/00	9.73	52.71	119.41	ND	138.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	257.57
01/29/01	9.19	53.25	289.79	ND	91.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	381.09
02/15/01	9.09	53.35	1951.41	ND	250.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,202.03
03/14/01	9.09	53.35	2538.62	ND	113.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,652.15
04/26/01	8.83	53.61	75.98	ND	4.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	80.43
05/24/01	9.14	53.30	470.48D	ND	66.54	3.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	540.74
06/20/01	8.90	53.54	344.05D	ND	51.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	395.60
07/12/01	9.20	53.24	360.20D	ND	55.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	415.20
08/22/01	9.44	53.00	2040.65DE	ND	340.29D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,380.94
09/28/01	9.70	52.74	67.01	ND	44.23	ND	ND	4.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	115.88
10/31/01	9.92	52.52	211.46D*	ND	287.29D*	ND	ND	2.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	501.19
11/16/01	10.08	52.36	67.36	ND	118.26D*	ND	ND	3.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	188.64
12/31/01	10.45	51.99	91.36	ND	677.24D*	1.59	ND	2.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	773.17
01/29/02	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
02/28/02	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/28/02	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/30/02	12.91	49.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	6.88	55.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	10.25	52.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	9.63	52.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	7.55	54.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	7.85	54.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	9.45	52.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
05/24/04	10.45	51.99	7.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.17
07/15/04	9.82	52.62	17.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.49
Well ID:		**MW282**		**Casing Elevation:**		**61.47**												
04/22/97	8.30	53.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
07/09/97	8.85	52.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
10/02/97	9.40	52.07	ND	ND	ND	ND	ND	ND	ND	3.21	ND	ND	ANR	ANR	ANR	ND	ND	3.21
01/07/98	8.85	52.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
04/13/98	7.60	53.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
04/20/98	7.59	53.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
04/27/98	7.64	53.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
05/04/98	7.44	54.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
05/19/98	6.39	55.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
06/01/98	8.62	52.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
06/16/98	7.84	53.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
06/29/98	8.10	53.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
07/13/98	8.31	53.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
07/27/98	8.34	53.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
08/10/98	8.70	52.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
08/13/98	8.79	52.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
08/24/98	9.70	51.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
09/07/97	9.93	51.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	31 (1)	31
09/21/98	10.00	51.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
10/05/98	10.04	51.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
10/19/98	10.19	51.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
11/12/98	9.58	51.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
11/23/98	9.65	51.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
12/07/98	9.98	51.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
12/15/98	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ANR	ANR	ND	ND	ND
12/21/98	10.10	51.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/11/99	9.56	51.91	3.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.42
01/25/99	8.88	52.59	15.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.70
03/23/99	8.95	52.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/29/99	9.00	52.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
05/27/99	9.10	52.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13 (1)	13
06/10/99	9.29	52.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8 (1)	8
07/15/99	9.53	51.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/11/99	9.79	51.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/27/99	9.37	52.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/13/99	NA	52.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	ND
11/10/99	9.58	51.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.84	51.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	ND
10/13/99	9.64	51.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/10/99	9.58	51.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/02/99	9.84	51.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/12/00	9.51	51.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/16/00	9.19	52.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/21/00	9.05	52.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/00	8.80	52.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/17/00	5.51	55.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/14/00	9.18	52.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/31/00	8.87	52.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/23/00	8.89	52.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/08/00	9.20	52.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	9.23	52.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	9.34	52.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/00	9.49	51.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/01	8.83	52.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/20/01	8.79	52.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	8.62	52.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/26/01	8.25	53.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	8.66	52.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.37	53.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/01	9.80	51.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	9.15	52.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	9.70	51.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	9.80	51.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
11/16/01	9.94	51.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/31/01	10.28	51.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/02	10.12	51.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	10.17	51.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	9.58	51.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	4.53	56.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.65	51.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	9.50	51.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	10.93	50.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	11.05	50.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	11.50	49.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	10.28	51.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	10.58	50.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	8.85	52.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	9.55	51.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	9.18	52.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	9.29	52.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	8.58	52.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	9.11	52.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	7.86	53.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			SAMPLING DISCONTINUED FOR MW-282															
Well ID		**MW291**		**Casing Elevation:**		**63.38**												
04/22/97	11.15	52.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/97	11.40	51.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/02/97	11.70	51.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/98	11.40	51.98	ND	ND	ND	ND	ND	ND	ND	1.75	ND	ND	ND	ND	ND	ND	ND	1.75
04/13/98	8.70	54.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/98	8.69	54.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/98	10.75	52.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/04/98	8.47	54.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/19/98	10.27	53.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/01/98	11.83	51.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
06/16/98	10.48	52.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/98	10.98	52.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/98	11.09	52.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/27/98	11.11	52.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/10/98	11.31	52.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/13/98	11.39	51.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/98	12.92	50.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/07/98	13.00	50.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/21/98	13.09	50.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/05/98	13.15	50.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/19/98	13.19	50.19	ND	ND	ND	ND	ND	ND	1.36	ND	ND	ND	ND	ND	ND	ND	ND	1.36
11/12/98	11.89	51.49	ND	ND	ND	ND	ND	ND	7.37	1.37	ND	ND	ND	ND	ND	ND	ND	8.74
11/23/98	11.98	51.40	ND	ND	ND	ND	ND	ND	5.81	1.31	ND	ND	ND	ND	ND	ND	ND	7.12
12/07/98	12.04	51.34	ND	ND	ND	ND	ND	ND	10.13	2.25	ND	ND	ND	ND	ND	ND	ND	12.38
12/15/98	NA	51.24	ND	ND	ND	ND	ND	ND	7.41	1.79	ND	ND	ND	ND	ND	ND	ND	9.20
12/21/98	12.24	51.14	ND	ND	ND	ND	ND	ND	1.58	ND	ND	ND	ND	ND	ND	ND	ND	1.58
01/11/99	11.81	51.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/25/99	9.40	53.98	ND	ND	ND	ND	ND	ND	2.02	ND	ND	ND	ND	ND	ND	ND	ND	2.02
02/25/99	11.64	51.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/23/99	11.28	52.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/29/99	11.52	51.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/27/99	11.54	51.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/10/99	11.68	51.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8 (1)	8.0
07/12/99	11.81	51.57	ND	ND	ND	ND	ND	ND	6.88	ND	ND	ND	ND	ND	ND	ND	ND	6.88
08/11/99	11.97	51.41	ND	ND	ND	ND	ND	ND	16.13	4.37	ND	ND	ND	ND	ND	ND	ND	20.5
09/27/99	11.62	51.76	ND	ND	ND	ND	ND	ND	3.39	ND	ND	ND	ND	ND	ND	ND	ND	3.39
10/13/99	NA	51.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	ND
11/10/99	11.79	51.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/02/99	12.01	51.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ANR	ND	ND	ND
10/13/99	11.82	51.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/10/99	11.79	51.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/02/99	12.01	51.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/12/00	11.79	51.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
02/16/00	11.61	51.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/21/00	11.48	51.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/00	11.54	51.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/17/00	11.59	51.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/14/00	11.61	51.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/31/00	11.31	52.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/23/00	11.33	52.05	1.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.96
09/08/00	11.57	51.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND
10/24/00	11.60	51.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	11.69	51.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/00	11.80	51.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/01	11.37	52.01	2.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.52
02/20/01	11.40	51.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	11.28	52.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/26/01	11.16	52.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	11.38	52.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	11.21	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/01	11.35	52.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	11.59	51.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	11.78	51.60	1.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6
10/31/01	11.97	51.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	12.11	51.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/31/01	12.36	51.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/02	12.16	51.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	12.32	51.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	11.81	51.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	11.83	51.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	11.87	51.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	62.02	ND	ND
06/27/02	11.74	51.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.70	ND	ND
07/29/02	13.21	50.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.39	ND	ND
08/30/02	13.68	49.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.78	ND	ND
09/30/02	13.78	49.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.55	ND	ND
10/17/02	12.92	50.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	87.84	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
11/12/02	12.90	50.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.14	ND	ND
12/17/02	11.40	51.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	12.18	51.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	12.04	51.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.94	51.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	11.35	52.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	11.77	51.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	11.28	52.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	11.79	51.59	0.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.66
05/24/04	12.05	51.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	12.15	51.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**MW30**		**Casing Elevation:**		**63.34**												
08/14/00	10.12	53.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/29/00	10.28	53.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.48	ND	ND	ND	ND	ND	3.48*
09/08/00	10.54	52.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	10.49	52.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	10.73	52.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/00	10.76	52.58	389.38	ND	3.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	392.65
01/29/01	10.98	52.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/15/01	9.91	53.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	9.94	53.40	2.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.59
04/26/01	9.53	53.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	9.89	53.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	9.67	53.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/01	10.05	53.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	10.41	52.93	1.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.36
09/28/01	10.78	52.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	11.08	52.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	11.26	52.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/31/01	11.64	51.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/02	11.48	51.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	11.59	51.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	10.95	52.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
04/30/02	10.93	52.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	10.96	52.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	10.79	52.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	12.64	50.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.07	50.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.25	50.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	12.16	51.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.27	51.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	10.21	53.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	11.16	52.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	10.81	52.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	10.87	52.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	10.11	53.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	9.52	53.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	10.10	53.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	10.54	52.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	10.97	52.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	11.18	52.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**MW31**		**Casing Elevation:**		**62.72**												
08/14/00	10.06	52.66	67.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	67.66
08/29/00	10.19	52.53	13.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.98
09/08/00	10.34	52.38	22.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.54
10/24/00	10.35	52.37	10.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.34
11/27/00	10.46	52.26	139.49	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	140.69
12/15/00	10.52	52.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/01	10.05	52.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/15/01	9.96	52.76	29.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.68
03/14/01	9.91	52.81	7.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.28
04/26/01	9.82	52.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	10.10	52.62	ND	ND	ND	ND	ND	ND	ND	ND	13.27	ND	ND	ND	ND	ND	ND	13.27
06/20/01	9.81	52.91	ND	ND	ND	ND	ND	2.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.22
07/12/01	10.10	52.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	10.31	52.41	ND	ND	ND	ND	ND	1.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.86

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
09/28/01	10.54	52.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	10.74	51.98	243.7D*	ND	40.64	ND	ND	3.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	288.58**
11/16/01	10.90	51.82	358.39D*	ND	128.72D*	ND	ND	2.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	489.92
12/31/01	11.20	51.52	34.9	ND	24.76	ND	ND	4.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	64.2
01/29/02	10.99	51.73	2.12	ND	1.82	ND	ND	3.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.43
02/28/02	11.09	51.63	ND	ND	ND	ND	ND	2.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.25
03/28/02	10.55	52.17	ND	ND	ND	ND	ND	1.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.32
04/30/02	10.57	52.15	ND	ND	ND	ND	ND	6.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	10.61	52.11	ND	ND	ND	ND	ND	4.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.57
06/27/02	10.45	52.27	ND	ND	ND	ND	ND	1.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	13.04	49.68	ND	ND	ND	ND	ND	1.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.65	49.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.68	49.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	12.37	50.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.58	50.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	10.06	52.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	11.80	50.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	11.43	51.29	1.39	ND	ND	ND	ND	0.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.42	51.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	10.78	51.94	5.07	ND	1.04	ND	ND	1.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.45
08/06/03	10.75	51.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	10.00	52.72	0.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.81
02/11/04	11.16	51.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	11.51	51.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	11.55	51.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**MW32**		**Casing Elevation:**		**63.62**												
08/14/00	11.30	52.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/29/00	11.43	52.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/08/00	11.55	52.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	11.57	52.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	11.65	51.97	51.33	ND	1.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.00
12/15/00	11.75	51.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/01	11.35	52.27	ND	ND	ND	ND	ND	ND	ND	ND	3.52	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
02/15/01	11.30	52.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	11.28	52.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/26/01	11.23	52.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	11.43	52.19	10.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.77
06/20/01	11.19	52.43	12.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.16
07/12/01	11.40	52.22	12.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.59
08/22/01	11.57	52.05	16.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16.24
09/28/01	11.74	51.88	9.60	ND	ND	ND	ND	1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.65
10/31/01	11.92	51.70	6.11	ND	ND	ND	ND	1.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.34
11/16/01	12.04	51.58	4.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.91
12/28/01	12.29	51.33	18.91	ND	ND	ND	ND	1.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.03
01/29/02	12.07	51.55	10.48	ND	1.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.04
02/28/02	12.23	51.39	6.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.38
03/28/02	11.72	51.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	11.75	51.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	11.78	51.84	ND	ND	ND	ND	ND	ND	1.38	ND	ND	ND	ND	ND	ND	ND	ND	1.38
06/27/02	11.65	51.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	13.14	50.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.85	49.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.74	49.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	12.84	50.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.81	50.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	11.35	52.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	12.01	51.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	12.12	51.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.85	51.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	11.28	52.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	11.75	51.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	11.23	52.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	11.77	51.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	12.03	51.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	12.10	51.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Well ID **MW33** **Casing Elevation:** **63.69**

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
08/14/00	11.07	52.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/29/00	11.27	52.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/08/00	11.43	52.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	11.46	52.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	11.52	52.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/00	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/01	11.05	52.64	452.17	ND	7.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	459.67
02/15/01	10.97	52.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	10.92	52.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/26/01	10.93	52.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/01	11.26	52.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	10.99	52.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/01	11.25	52.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/22/01	11.46	52.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	11.67	52.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	11.86	51.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	12.00	51.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/28/01	12.30	51.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/02	11.97	51.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	12.13	51.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	11.57	52.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	11.68	52.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	11.66	52.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	11.53	52.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	13.02	50.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.58	50.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.61	50.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	12.56	51.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	12.66	51.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	11.13	52.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	11.85	51.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	12.11	51.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.54	52.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
06/26/03	10.91	52.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	11.69	52.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	11.05	52.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SAMPLING DISCONTINUED FOR MW-33																		
Well ID		**MW34**		**Casing Elevation:**		**60.07**												
08/14/00	8.64	51.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/29/00	8.69	51.38	ND	ND	ND	ND	ND	ND	ND	ND	6.90	ND	ND	ND	ND	ND	ND	6.90
09/08/00	8.78	51.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	7.89	52.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/00	8.91	51.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/19/00	8.90	51.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/31/01	8.40	51.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/15/01	8.55	51.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	8.61	51.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/01	8.55	51.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/01	8.72	51.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.54	51.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/30/01	8.70	51.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/01	8.83	51.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	8.97	51.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	9.14	50.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	9.20	50.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/28/01	9.35	50.72	1.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.14
01/29/02	9.20	50.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	9.34	50.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	8.98	51.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	8.99	51.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.03	51.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	8.95	51.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	9.59	50.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	9.95	50.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	10.50	49.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.70	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
10/17/02	9.33	50.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	9.34	50.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.14	ND	ND
12/17/02	8.67	51.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	8.38	51.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	8.71	51.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	8.75	51.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	8.32	51.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	8.74	51.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	8.56	51.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	8.70	51.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	8.82	51.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	8.90	51.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**MW35**		**Casing Elevation:**		**59.55**												
08/14/00	8.28	51.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/29/00	8.36	51.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/08/00	8.41	51.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	8.43	51.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/28/00	8.55	51.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/19/00	8.58	50.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/31/01	8.43	51.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/15/01	8.41	51.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/15/01	8.37	51.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/01	8.35	51.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/01	8.45	51.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.32	51.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/30/01	8.35	51.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/01	8.45	51.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	8.55	51.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	8.68	50.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/01	8.80	50.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/28/01	8.92	50.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/02	9.47	50.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	8.88	50.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
03/28/02	8.60	50.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	8.83	50.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	8.61	50.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	8.54	51.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	9.04	50.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	9.57	49.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	9.50	50.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	8.96	50.59	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	1.4
11/12/02	8.85	50.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	8.41	51.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	8.55	51.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	8.51	51.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	8.39	51.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	8.00	51.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	8.37	51.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	8.25	51.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	8.40	51.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	8.41	51.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	8.48	51.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID		**MW36**		**Casing Elevation:**		**60.15**												
08/14/00	9.06	51.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/29/00	8.17	51.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/08/00	9.24	50.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	9.26	50.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/28/00	9.42	50.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/19/00	9.37	50.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/31/01	9.16	50.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/15/01	9.08	51.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/14/01	9.05	51.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/01	8.98	51.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/01	9.20	50.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	9.05	51.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/30/01	9.15	51.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
08/24/01	9.29	50.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	9.43	50.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	6.71	53.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/16/01	9.66	50.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/28/01	9.85	50.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/02	9.70	50.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	9.80	50.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	9.45	50.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	9.47	50.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.49	50.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	9.41	50.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	9.92	50.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	10.23	49.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	10.25	49.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	9.61	50.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	9.62	50.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	8.10	52.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	9.38	50.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	4.03	56.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	9.11	51.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	8.70	51.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	9.15	51.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	9.10	51.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			SAMPLING DISCONTINUED FOR MW-36															
Well ID		**MW37**		**Casing Elevation:**		**59.65**												
08/14/00	8.81	50.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/29/00	8.02	51.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/08/00	8.05	51.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/24/00	9.15	50.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/28/00	9.32	50.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/19/00	9.20	50.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/31/01	8.83	50.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**
02/20/01	8.87	50.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/15/01	8.75	50.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/01	8.67	50.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/01	9.00	50.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/20/01	8.81	50.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/30/01	8.9	50.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/01	9.1	50.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	9.48	50.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	9.65	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/01	9.64	50.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/28/01	9.72	49.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/02	8.77	50.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	9.67	49.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	9.18	50.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	9.05	50.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	9.05	50.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	9.00	50.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	9.61	50.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	10.05	49.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	9.97	49.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/02	6.4	53.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/12/02	9.91	49.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/17/02	8.91	50.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/03	9.50	50.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/26/03	9.05	50.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	1
03/28/03	8.80	50.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	8.27	51.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	8.75	50.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	8.80	50.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

SAMPLING DISCONTINUED FOR MW-37

NOTES:

Shallow groundwater data

TABLE 4

GROUNDWATER MONITORING & SAMPLING SUMMARY DATA - SHALLOW WELLS

FORT MONMOUTH - CHARLES WOOD AREA

EATONTOWN, NEW JERSEY

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

Sampling Date	DTW (feet)	Water Elevation (feet)	Tri-chloro-ethene	Tetra-chloro-ethene	cis-1,2-dichloro-ethene	trans-1,2-dichloro-ethene	1,1 dichloro-ethene	1,1,1-Trichloro-ethane	chloro-form	Bromo-dichloro-methane	Acetone	2-butanone	1,4-dichloro-benzene	1,3-dichloro-benzene	1,2-dichloro-benzene	MTBE	VOC TICs	Total VOCs
			1 (1)	**1 (1)**	**10 (1)**	**100 (1)**	**2 (1)**	**30 (1)**	**6 (1)**	**1 (1)**	**700 (1)**	**600(1)**	**75 (1)**	**600 (1)**	**600 (1)**	**70 (1)**	**--**	**--**

(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

DTW = Depth to Water

NS = Not Sampled

NR = No Record

E= value above linear range

** 1,1-Dichloroethane was reported at 1.16 ppb

D = Dilution factor of 10.

D* = Dilution factor of 5

DD = Dilution factor of 50

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

Sampling Date	DTW (feet)	Water Elevation (feet)	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)**	**10 (1)**	**100 (1)**	**2 (1)**	**6 (1)**	**1 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**700 (1)**	**70 (1)**	**--**	**--**
Well ID		**MW38**		**Casing Elevation:**		**63.50**										
08/15/00	12.13	51.37	ND	ND	ND	ND	ND	2.02	ND	ND	ND	ND	5.35	ND	ND	7.37
08/29/00	12.73	50.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/11/00	13.06	50.44	ND	ND	ND	ND	ND	2.29	ND	ND	ND	ND	ND	ND	ND	2.29
10/25/00	13.00	50.50	ND	ND	ND	ND	ND	1.15	ND	ND	ND	ND	ND	ND	ND	4.41**
11/28/00	12.60	50.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/19/00	12.51	50.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/31/01	11.91	51.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/20/01	12.55	50.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/15/01	11.64	51.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/01	11.66	51.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/01	12.36	51.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/21/01	12.09	51.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/30/01	12.65	50.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/01	12.44	51.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	13.63	49.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	14.08	49.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.16***
11/27/01	12.28	51.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/31/01	14.33	49.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/30/02	13.69	49.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	13.98	49.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	12.87	50.63	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	12.85	50.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	13.16	50.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	13.18	50.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	14.24	49.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	13.91	49.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	13.83	49.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/02	12.40	51.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/14/02	12.31	51.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/18/02	11.75	51.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/03	12.09	51.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	11.47	52.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	11.46	52.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	11.11	52.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	11.95	51.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

Sampling Date	DTW (feet)	Water Elevation (feet)	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)**	**10 (1)**	**100 (1)**	**2 (1)**	**6 (1)**	**1 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**700 (1)**	**70 (1)**	**--**	**--**
11/18/03	12.50	51.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SAMPLING DISCONTINUED FOR MW-38																
Well ID		**MW39**		**Casing Elevation:**		**62.93**										
08/15/00	12.45	50.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.60	ND	ND	6.60
08/29/00	13.13	49.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/11/00	13.47	49.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/25/00	13.48	49.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/28/00	12.89	50.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/19/00	12.79	50.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/31/01	12.23	50.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/20/01	12.54	50.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/15/01	12.09	50.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/01	12.50	50.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/01	12.87	50.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/21/01	12.62	50.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/30/01	13.15	49.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/01	13.51	49.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	14.06	48.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	14.54	48.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/01	14.76	48.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/31/01	14.77	48.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/30/02	14.20	48.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	14.36	48.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	13.13	49.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	13.16	49.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	13.55	49.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	13.56	49.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	14.69	48.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	14.25	48.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	14.22	48.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/02	12.68	50.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/14/02	12.73	50.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/18/02	12.05	50.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/29/03	12.86	50.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	11.48	51.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

Sampling Date	DTW (feet)	Water Elevation (feet)	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)**	**10 (1)**	**100 (1)**	**2 (1)**	**6 (1)**	**1 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**700 (1)**	**70 (1)**	**--**	**--**
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
02/11/04	NA	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
				SAMPLING DISCONTINUED FOR MW-39												
Well ID		**MW40**		**Casing Elevation:**		**63.77**										
08/15/00	13.1	50.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.94	ND	ND	5.94
08/29/00	13.9	49.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/11/00	14.28	49.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/25/00	14.19	49.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/28/00	13.77	50.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/19/00	13.53	50.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.77	ND	ND	7.77
01/31/01	12.2	51.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/20/01	13.91	49.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/15/01	12.91	50.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/01	12.47	51.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/01	13.37	50.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/21/01	13.36	50.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/30/01	13.75	50.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/24/01	15.21	48.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/01	14.7	49.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/31/01	15.13	48.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/27/01	15.35	48.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/31/01	15.4	48.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/30/02	14.73	49.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/28/02	15.02	48.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/02	13.87	49.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/02	13.88	49.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/31/02	14.22	49.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/27/02	14.24	49.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/02	15.32	48.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/30/02	14.96	48.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/30/02	14.96	48.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/02	13.36	50.41	ND	ND	ND	ND	ND	2.01	ND	ND	ND	ND	ND	ND	ND	2.01
11/14/02	13.59	50.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

Sampling Date	DTW (feet)	Water Elevation (feet)	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)**	**10 (1)**	**100 (1)**	**2 (1)**	**6 (1)**	**1 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**700 (1)**	**70 (1)**	**--**	**--**
12/18/02	12.87	50.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4	4
01/29/03	13.38	50.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/25/03	12.59	51.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/28/03	12.63	51.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/26/03	12.27	51.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/06/03	13.06	50.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/03	13.57	50.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
02/11/04	12.71	51.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/24/04	13.1	50.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/04	13.51	50.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well ID:		**MW281**			**Casing Elevation:**	**62.37**										
04/22/97	8.90	53.47	17.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.88
07/09/97	12.30	50.07	189.95	ND	2.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	192.4
10/02/97	12.80	49.57	42.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	42.02
01/07/98	10.80	51.57	42.02	10.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.66
04/13/98	10.50	51.87	120.07	ND	1.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	121.48
04/20/98	11.00	51.37	38.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.34
04/27/98	11.17	51.20	49.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.62
05/04/98	10.50	51.87	73.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	73.75
05/19/98	10.27	52.10	78.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	78.56
06/01/98	11.79	50.58	28.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28.17
06/16/98	10.84	51.53	60.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60.91
06/29/98	11.31	51.06	58.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	58.89
07/13/98	11.69	50.68	25.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.91
07/27/98	11.72	50.65	29.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29.96
08/10/98	12.17	50.20	47.91	ND	1.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	48.94
08/13/98	12.75	49.62	45.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	45.03
08/24/98	11.83	50.54	12.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.17
09/07/98	11.90	50.47	5.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.82
09/21/98	11.99	50.38	17.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.43
10/05/98	12.09	50.28	5.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.09
10/19/98	12.17	50.20	33.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	33.62
11/12/98	13.52	48.85	2.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.67
11/23/98	13.02	49.35	15.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.47
12/07/98	14.25	48.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/15/98	NA	NA	6.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.1

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

Sampling Date	DTW (feet)	Water Elevation (feet)	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)**	**10 (1)**	**100 (1)**	**2 (1)**	**6 (1)**	**1 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**700 (1)**	**70 (1)**	**--**	**--**
12/21/98	13.91	48.46	5.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.27
01/11/99	12.76	49.61	7.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.48
01/25/99	11.84	50.53	4.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.38
02/25/99	11.89	50.48	11.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.56
03/23/99	11.25	51.12	14.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.87
04/29/99	11.89	50.48	15.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.04
05/27/99	12.07	50.30	12.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3 (1)	15.08
06/10/99	12.66	49.71	14.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10 (1)	24.71
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

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

Sampling Date	DTW (feet)	Water Elevation (feet)	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)**	**10 (1)**	**100 (1)**	**2 (1)**	**6 (1)**	**1 (1)**	**75 (1)**	**600 (1)**	**600 (1)**	**700 (1)**	**70 (1)**	**--**	**--**
08/24/01	12.93	49.44	1.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.19
09/28/01	13.19	49.18	4.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.40
10/31/01	13.65	48.72	5.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.36
11/27/01	13.87	48.50	4.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.74
12/31/01	13.89	48.48	4.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.13
01/30/02	13.20	49.17	1.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.80
02/28/02	13.51	48.86	13.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13.80
03/28/02	12.35	50.02	21.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.33
04/30/02	12.36	50.01	26.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.97
05/31/02	12.70	49.67	25.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.32
06/27/02	12.74	49.63	19.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	19.5
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	20.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.5

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
* = 2-Butanone was detected at 4.15 ug/L from this well
** = Carbon Disulfide was detected at 3.26 ug/L from this well
*** = Carbon Disulfide was detected at 8.16 ug/L from this well

APPENDICES

APPENDIX A

LABORATORY ANALYTICAL REPORTS – SYSTEM SAMPLES – APRIL 2003 THROUGH SEPTEMBER 2004

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 2700/P&T

Bldg. 2700

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Air Stripper Influent	4068401	Aqueous	28-Sept-04 12:30	09/28/04
Air Stripper Effluent	4068402	Aqueous	28-Sept-04 12:25	09/28/04
1st GAC Effluent	4068403	Aqueous	28-Sept-04 12:20	09/28/04
Final Effluent	4068404	Aqueous	28-Sept-04 12:15	09/28/04

ANALYSIS:

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

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

10-5-04
Daniel Wright/Date
Laboratory Director

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

CHAIN OF CUSTODY

Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon

Phone #: (732) 532-6223

( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat

Location: Bldg. 2700

Samplers Name / Company : /Handex

Comments:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Remarks / Preservation Method
40684 01	Airstripper Influent	9-28-04	12:30	Aq.	2	X								
02	Airstripper Effluent	9-28-04	12:25	Aq.	2		X							
03	1st GAC Effluent	9-28-04	12:20	Aq.	2		X							
04	Final Effluent	9-28-04	12:15	Aq.	4		X							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	9/23/04 1455	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

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

Remarks:

10- 5-04;10:02 ;Ft Monmouth Envr Lab ;732 532 6263 # 13

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	VB017687.D	Sample Name	MB 28Sept04
Operator	Skelton	Field ID	MB 28Sept04
Date Acquired	28 Sep 2004 7:34 pm	Sample Multiplier	1

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

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VB017687.D**	Sample Name	**MB 28Sept04**
Operator	**Skelton**	Field ID	**MB 28Sept04**
Date Acquired	**28 Sep 2004 7:34 pm**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	VB017703.D	Sample Name	4068401
Operator	Skelton	Field ID	AirStripper Influent
Date Acquired	29 Sep 2004 6:38 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	16933	0.32 ug/L	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.56	752099	17.18 ug/L	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VB017704.D**	Sample Name	**4068402**
Operator	**Skelton**	Field ID	**AirStripper Effluent**
Date Acquired	**29 Sep 2004 7:19 am**	Sample Multiplier	1

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

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

Qualifiers

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

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

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

Data File	**VB017705.D**	Sample Name	**4068403**
Operator	**Skelton**	Field ID	**1st GAC Effluent**
Date Acquired	**29 Sep 2004 8:00 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	**VB017711.D**	Sample Name	**4068404**
Operator	**Skelton**	Field ID	**Final Effluent**
Date Acquired	**29 Sep 2004 12:10 pm**	Sample Multiplier	**1**

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

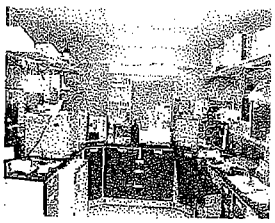
*Results between MDL and RL are estimated values
*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY



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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 2700/P&T

Bldg. 2700

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Air Stripper Influent	4062801	Aqueous	25-Aug-04 13:40	08/25/04
Air Stripper Effluent	4062802	Aqueous	25-Aug-04 13:35	08/25/04
1st GAC Effluent	4062803	Aqueous	25-Aug-04 13:30	08/25/04
Final Effluent	4062804	Aqueous	25-Aug-04 13:25	08/25/04

ANALYSIS:

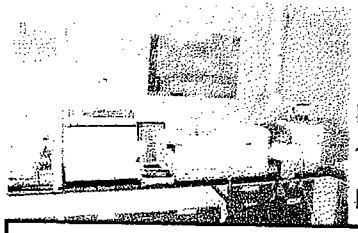
FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, TCE, PCE, cis-1,2-DCE

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

9-9-04
Daniel Wright/Date
Laboratory Director

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

CHAIN OF CUSTODY



Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

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

Project No: Pump and Treat
Location: Bldg. 2700

Samplers Name / Company : Anthony DeDomenico/HANDEX

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Remarks / Preservation Method
40628 01	Airstripper Influent	8-25-04	1:40	Aq.	2	X								
02	Airstripper Effluent	8-25-04	1:35	Aq.	2		X							
03	1st GAC Effluent	8-25-04	1:30	Aq.	2		X							
04	Final Effluent	8-25-04	1:25	Aq.	4		X							

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
A. DeDomenico	8/25/04 15:30	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

print legibly

Page of

VOLATILE ORGANICS

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

Data File	VB017457.D	Sample Name	MB 03Sept04
Operator	Skelton	Field ID	MB 03Sept04
Date Acquired	3 Sep 2004 5:20 pm	Sample Multiplier	1

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

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	VB017457.D	Sample Name	MB 03Sept04
Operator	Skelton	Field ID	MB 03Sept04
Date Acquired	3 Sep 2004 5:20 pm	Sample Multiplier	1

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

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

Qualifiers

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

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

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

Data File	VB017469.D	Sample Name	4062801
Operator	Skelton	Field ID	AirStripper Influent
Date Acquired	4 Sep 2004 12:41 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.86	17448	0.41 ug/L	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.55	1467635	47.12 ug/L	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VB017470.D**	Sample Name	**4062802**
Operator	**Skelton**	Field ID	**AirStripper Effluent**
Date Acquired	**4 Sep 2004 1:18 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	**VB017471.D**	Sample Name	**4062803**
Operator	**Skelton**	Field ID	**1st GAC Effluent**
Date Acquired	**4 Sep 2004 1:55 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	**VB017472.D**	Sample Name	**4062804**
Operator	**Skelton**	Field ID	**Final Effluent**
Date Acquired	**4 Sep 2004 2:31 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
BLDG. 173, RIVERSIDE AVE.
FT. MONMOUTH, NJ 07703
PHONE: 732 532-4359 FAX: 732 532-6263

FAX

This is a preliminary copy of your analytical results. A finalized hard copy will follow.

To: Andy Drake Fax: 732 536 7751
From: Jackie Date:
Re: Pages: 14

Comments: 699 will follow

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FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 2700/P&T

Bldg. 2700

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Air Stripper Influent	4056201	Aqueous	28-July-04 12:30	07/28/04
Air Stripper Effluent	4056202	Aqueous	28-July-04 12:25	07/28/04
1st GAC Effluent	4056203	Aqueous	28-July-04 12:20	07/28/04
Final Effluent	4056204	Aqueous	28-July-04 12:10	07/28/04

ANALYSIS:

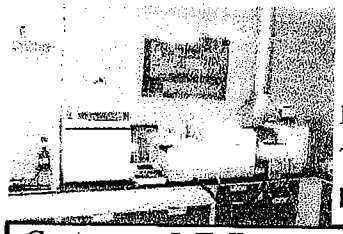
FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, TCE, PCE, cis-1,2-DCE

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

8-25-04
Daniel Wright/Date
Laboratory Director

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

CHAIN OF CUSTODY



Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon

Phone #: (732) 532-6223

( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat

Location: Bldg. 2700/Quarterly

Samplers Name / Company : /Handex

Comments:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE	TSS	COD					Remarks / Preservation Method
40562 01	Airstripper Influent	7-28-04	12:30	Aq.	2	X								
02	Airstripper Effluent	7-28-04	12:25	Aq.	2		X							
03	1st GAC Effluent	7-28-04	12:20	Aq.	2		X							
04	Final Effluent	7-28-04	12:10	Aq.	4		X	X	X					

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
A. DeDomenico	7-28-04 1410	J. Vellyhea			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____Hrs.

Remarks:

print legibly

Page 1 of 1

8-25-04;14:20 ;Ft Monmouth Envr Lab ;732 532 6263 # 4

VOLATILE ORGANICS

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

Data File	VB017202.D	Sample Name	MB 29July04
Operator	Skelton	Field ID	MB 29July04
Date Acquired	29 Jul 2004 6:22 pm	Sample Multiplier	1

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

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VB017202.D**	Sample Name	**MB 29July04**
Operator	**Skelton**	Field ID	**MB 29July04**
Date Acquired	**29 Jul 2004 6:22 pm**	Sample Multiplier	1

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

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

Qualifiers

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

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

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

Data File	VB017222.D	Sample Name	4046201
Operator	Skelton	Field ID	AirStripper Influent
Date Acquired	30 Jul 2004 6:55 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.56	605590	44.74 ug/L	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VB017223.D**	Sample Name	**4046202**
Operator	**Skelton**	Field ID	**AirStripper Effluent**
Date Acquired	**30 Jul 2004 7:32 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	**VB017224.D**	Sample Name	**4046203**
Operator	**Skelton**	Field ID	**1st GAC Effluent**
Date Acquired	**30 Jul 2004 8:10 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	**VB017225.D**	Sample Name	**4046204**
Operator	**Skelton**	Field ID	**Final Effluent**
Date Acquired	**30 Jul 2004 8:48 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

WET CHEMISTRY

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

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

Lab ID #: 4056204
Sample Received: 07/28/04
Analysis Start: 08/02/04
Analysis Completed: 08/02/04

Site: Ft. Monmouth
Bldg 2700/ Quarterly

Matrix: AQ

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

TEST PARAMETER: Total Suspended Solids (TSS)

Sample ID#	Sample Location Identification	Result (mg/L)	MDL (mg/L)
4056204	Final Effluent	2.0	1.0

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

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

Lab ID #: 4056204
Sample Received: 07/28/04
Analysis Start: 08/12/04
Analysis Completed: 08/12/04

Site: Ft. Monmouth
Bldg 2700/ Quarterly

Matrix: AQ

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

TEST PARAMETER: Chemical Oxygen Demand (COD)

Sample ID#	Sample Location Identification	Result (mg/L)	MDL (mg/L)
4056204	Final Effluent	22.1	10.0

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 2700/P&T

Bldg. 2700

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Air Stripper Influent	4047401	Aqueous	18-June-04 11:20	06/18/04
Air Stripper Effluent	4047402	Aqueous	18-June-04 11:15	06/18/04
1st GAC Effluent	4047403	Aqueous	18-June-04 11:10	06/18/04
Final Effluent	4047404	Aqueous	18-June-04 11:05	06/18/04

ANALYSIS:

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

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

6-24-04
Daniel Wright/Date
Laboratory Director

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

CHAIN OF CUSTODY

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

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

Project No: Pump and Treat
Location: Bldg. 2700

Samplers Name / Company : Anthony DeDomenico/HANDEX

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Remarks / Preservation Method
40444 01	Airstripper Influent	6-18-04	11:20	Aq.	2	X								
02	Airstripper Effluent	6-18-04	11:15	Aq.	2		X							
03	1st GAC Effluent	6-18-04	11:10	Aq.	2		X							
04	Final Effluent	6-18-04	11:05	Aq.	4		X							

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
A. DeDomenico	6/18/04 12:15	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

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

Remarks:

print legibly

Page 1 of 1

coc2700.xls5/27/2004

VOLATILE ORGANICS

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

Data File	VB016811.D	Sample Name	MB 21Jun04
Operator	Skelton	Field ID	MB 21Jun04
Date Acquired	21 Jun 2004 2:43 pm	Sample Multiplier	1

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

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VB016811.D**	Sample Name	**MB 21Jun04**
Operator	**Skelton**	Field ID	**MB 21Jun04**
Date Acquired	**21 Jun 2004 2:43 pm**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	VB016830.D	Sample Name	4047401
Operator	Skelton	Field ID	AirStripperInfluent
Date Acquired	22 Jun 2004 2:52 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.57	1058548	58.60 ug/L	1	0.28 ug/L	2.00 ug/L	B
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	VB016840.D	Sample Name	4047401
Operator	Skelton	Field ID	AirStripperInfluent
Date Acquired	22 Jun 2004 9:14 am	Sample Multiplier	2

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	6.54 ug/L	40.00 ug/L	
107131	Acrylonitrile			not detected	50	5.64 ug/L	40.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	5.56 ug/L	40.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.58 ug/L	4.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.64 ug/L	4.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.64 ug/L	4.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.78 ug/L	4.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.80 ug/L	4.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.80 ug/L	4.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.68 ug/L	4.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.62 ug/L	4.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.66 ug/L	4.00 ug/L	
67-64-1	Acetone			not detected	700	0.80 ug/L	4.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.60 ug/L	4.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.70 ug/L	4.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.68 ug/L	4.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.70 ug/L	4.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	1.72 ug/L	4.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.56 ug/L	4.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.58 ug/L	4.00 ug/L	
67-66-3	Chloroform			not detected	6	0.64 ug/L	4.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.58 ug/L	4.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.54 ug/L	4.00 ug/L	
71-43-2	Benzene			not detected	1	0.60 ug/L	4.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.58 ug/L	4.00 ug/L	
79-01-6	Trichloroethene	19.57	449705	48.70 ug/L	1	0.56 ug/L	4.00 ug/L	D
78-87-5	1,2-Dichloropropane			not detected	1	0.54 ug/L	4.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.50 ug/L	4.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.38 ug/L	4.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.38 ug/L	4.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.54 ug/L	4.00 ug/L	
108-88-3	Toluene			not detected	1000	0.68 ug/L	4.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.52 ug/L	4.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.58 ug/L	4.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.64 ug/L	4.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.42 ug/L	4.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.46 ug/L	4.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.64 ug/L	4.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.60 ug/L	4.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.26 ug/L	8.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.58 ug/L	4.00 ug/L	
100-42-5	Styrene			not detected	100	0.44 ug/L	4.00 ug/L	
75-25-2	Bromoform			not detected	4	0.42 ug/L	4.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.52 ug/L	4.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.66 ug/L	4.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.66 ug/L	4.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.62 ug/L	4.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VB016831.D**	Sample Name	**4047402**
Operator	**Skelton**	Field ID	**AirStripperEffluent**
Date Acquired	**22 Jun 2004 3:29 am**	Sample Multiplier	1

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

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

Qualifiers

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

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

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

Data File	**VB016832.D**	Sample Name	**4047403**
Operator	**Skelton**	Field ID	**1stGACEffluent**
Date Acquired	**22 Jun 2004 4:07 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	**VB016833.D**	Sample Name	**4047404**
Operator	**Skelton**	Field ID	**Final Effluent**
Date Acquired	**22 Jun 2004 4:44 am**	Sample Multiplier	**1**

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

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

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 2700/P&T

Bldg. 2700

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Air Stripper Influent	4039801	Aqueous	27-May-04 10:25	05/27/04
Air Stripper Effluent	4039802	Aqueous	27-May-04 10:20	05/27/04
1st GAC Effluent	4039803	Aqueous	27-May-04 10:15	05/27/04
Final Effluent	4039804	Aqueous	27-May-04 10:10	05/27/04

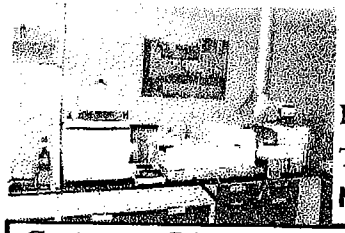
ANALYSIS:

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

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

6-15-04
Daniel Wright/Date
Laboratory Director

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



Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon

Phone #: (732) 532-6223

( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat

Location: Bldg. 2700

Samplers Name / Company : /Handex

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Comments: Remarks / Preservation Method
40398 01	Airstripper Influent	5-27-04	10:25	Aq.	2	X								
02	Airstripper Effluent	5-27-04	10:20	Aq.	2		X							
03	1st GAC Effluent	5-27-04	10:15	Aq.	2		X							
04	Final Effluent	5-27-04	10:10	Aq.	4		X							

Analysis Parameters

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
A. DeDomenico	5-27-04 1150	J. Wayne			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____Hrs.

Remarks:

print legibly

Page 1 of 1

coc2700.xls11/24/2003

6-15-04; 9:40 ;Ft Monmouth Envr Lab ;732 532 6263 # 3/ 13

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

Data File	VB016662.D	Sample Name	MB 01Jun04
Operator	Skelton	Field ID	MB 01Jun04
Date Acquired	1 Jun 2004 2:17 pm	Sample Multiplier	1

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

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VB016662.D**	Sample Name	**MB 01Jun04**
Operator	**Skelton**	Field ID	**MB 01Jun04**
Date Acquired	**1 Jun 2004 2:17 pm**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	**VB016692.D**	Sample Name	**4039801**
Operator	**Skelton**	Field ID	**AirStripper Influent**
Date Acquired	**2 Jun 2004 9:26 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.56	532177	24.84 ug/L	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VB016691.D**	Sample Name	**4039802**
Operator	**Skelton**	Field ID	**AirStripper Effluent**
Date Acquired	**2 Jun 2004 8:48 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	**VB016689.D**	Sample Name	**4039803**
Operator	**Skelton**	Field ID	**1st GAC Effluent**
Date Acquired	**2 Jun 2004 7:33 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	**VB016690.D**	Sample Name	**4039804**
Operator	**Skelton**	Field ID	**Final Effluent**
Date Acquired	**2 Jun 2004 8:11 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
BLDG. 173, RIVERSIDE AVE.
FT. MONMOUTH, NJ 07703
PHONE: 732 532-4359 FAX: 732 532-6263

FAX

This is a preliminary copy of your analytical results. A finalized hard copy will follow.

To: Fred H
Fax: 732 536 9516
From: Ackie
Date: 5/7
Re:
Pages: 14

Comments:

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FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 2700/P&T

Bldg. 2700

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Air Stripper Influent	4026701	Aqueous	21-April-04 13:45	04/21/04
Air Stripper Effluent	4026702	Aqueous	21-April-04 13:40	04/21/04
1st GAC Effluent	4026703	Aqueous	21-April-04 13:35	04/21/04
Final Effluent	4026704	Aqueous	21-April-04 13:30	04/21/04

ANALYSIS:

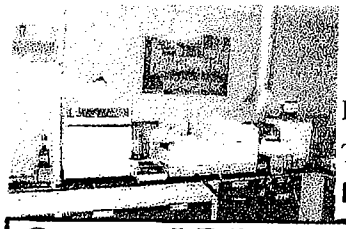
FORT MONMOUTH ENVIRONMENTAL LAB
VOA 624, TCE, PCE, cis-1,2-DCE, TSS, COD

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Daniel Wright/Date
Laboratory Director

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

CHAIN OF CUSTODY



Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon

Phone #: (732) 532-6223

( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat

Location: Bldg. 2700/Quarterly

Comments:

Samplers Name / Company : /Handex

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE	TSS	COD					Remarks / Preservation Method
40267 01	Airstripper Influent	4-21-04	9:55	Aq.	2	X								
02	Airstripper Effluent	4-21-04	9:50	Aq.	2		X							
03	1st GAC Effluent	4-21-04	9:45	Aq.	2		X							
04	Final Effluent	4-21-04	9:35	Aq.	4		X	X	X					

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	4/21/04 11:45	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

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

Remarks:

print legibly

Page 1 of 1

coc2700.qtr.xls4/20/2004

04/10/27 ;Ft Monmouth Envr Lab ;732 532 6263 # 4/ 14

VOLATILE ORGANICS

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

Data File	VB016269.D	Sample Name	MB 23April04
Operator	Skelton	Field ID	MB 23April04
Date Acquired	23 Apr 2004 3:33 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	11.99	29910	2.94 ug/L	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VB016269.D**	Sample Name	**MB 23April04**
Operator	**Skelton**	Field ID	**MB 23April04**
Date Acquired	**23 Apr 2004 3:33 pm**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	**VB016289.D**	Sample Name	**4026701**
Operator	**Skelton**	Field ID	**AirStripperInfluent**
Date Acquired	**24 Apr 2004 4:04 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride	11.75	26961	1.34 ug/L	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.57	715918	21.84 ug/L	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VB016290.D**	Sample Name	**4026702**
Operator	**Skelton**	Field ID	**AirStripperEffluent**
Date Acquired	**24 Apr 2004 4:42 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	**VB016291.D**	Sample Name	**4026703**
Operator	**Skelton**	Field ID	**1st GAC Effluent**
Date Acquired	**24 Apr 2004 5:19 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	**VB016292.D**	Sample Name	**4026704**
Operator	**Skelton**	Field ID	**Final Effluent**
Date Acquired	**24 Apr 2004 5:57 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

WET CHEMISTRY

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

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

Lab ID #: 4026704
Sample Received: 04/21/04
Analysis Start: 04/22/04
Analysis Completed: 04/22/04

Site: Ft. Monmouth
Bldg 2700/ Quarterly

Matrix: AQ

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

TEST PARAMETER: Total Suspended Solids (TSS)

Sample ID#	Sample Location Identification	Result (mg/L)	MDL (mg/L)
4026704	Final Effluent	<1.0	1.0

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

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

Lab ID #: 4026704
Sample Received: 04/21/04
Analysis Start: 05/05/04
Analysis Completed: 05/05/04

Site: Ft. Monmouth
Bldg 2700/ Quarterly

Matrix: AQ

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

TEST PARAMETER: Chemical Oxygen Demand (COD)

Sample ID#	Sample Location Identification	Result (mg/L)	MDL (mg/L)
4026704	Final Effluent	<10.0	10.0

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 2700 Pump & Treat

Bldg. 2700

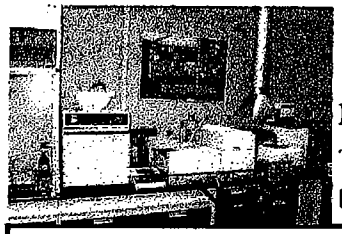
Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Air Stripper Influent	4016901	Aqueous	12-Mar-04 10:15	03/12/04
Air Stripper Effluent	4016902	Aqueous	12-Mar-04 10:10	03/12/04
1st GAC Effluent	4016903	Aqueous	12-Mar-04 10:05	03/12/04
Final Effluent	4016904	Aqueous	12-Mar-04 10:00	03/12/04

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

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

4-13-04
Daniel Wright/Date
Laboratory Director

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



Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

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

Project No: Pump and Treat
Location: Bldg. 2700

Samplers Name / Company : /Handex

Comments:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Remarks / Preservation Method
40169 01	Airstripper Influent	3/12/04	10:15	Aq.	2	X								
02	Airstripper Effluent	3/12/04	10:10	Aq.	2		X							
03	1st GAC Effluent	3/12/04	10:05	Aq.	2		X							
04	Final Effluent	3/12/04	10:00	Aq.	2		X							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
A. DeDomenico	3/12/04 1155	J. Alegria			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

print legibly

Page 1 of 1

coc2700.xls11/24/2003

4-13-04; 8:23 ;Ft Monmouth Envr Lab ;732 532 6263 # 3/ 18

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

Data File	**VB015993.D**	Sample Name	**MB 24March04**
Operator	**Skelton**	Field ID	**MB 24March04**
Date Acquired	**24 Mar 2004 6:38 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	12.01	26998	2.80 ug/L	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VB015993.D**	Sample Name	**MB 24March04**
Operator	**Skelton**	Field ID	**MB 24March04**
Date Acquired	**24 Mar 2004 6:38 pm**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	VB016003.D	Sample Name	4016901
Operator	Skelton	Field ID	AirStripper Influent
Date Acquired	25 Mar 2004 1:02 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.57	327322	19.84 ug/L	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VB016004.D**	Sample Name	**4016902**
Operator	**Skelton**	Field ID	**AirStripper Effluent**
Date Acquired	**25 Mar 2004 1:41 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	**VB016005.D**	Sample Name	**4016903**
Operator	**Skelton**	Field ID	**1st GAC Effluent**
Date Acquired	**25 Mar 2004 2:19 am**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	**VB016006.D**	Sample Name	**4016904**
Operator	**Skelton**	Field ID	**Final Effluent**
Date Acquired	**25 Mar 2004 2:58 am**	Sample Multiplier	**1**

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

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

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 2700 Pump & Treat

Bldg. 2700

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Air Stripper Influent	4013001	Aqueous	20-Feb-04 12:45	02/20/04
Air Stripper Effluent	4013002	Aqueous	20-Feb-04 12:40	02/20/04
1st GAC Effluent	4013003	Aqueous	20-Feb-04 12:35	02/20/04
Final Effluent	4013004	Aqueous	20-Feb-04 12:30	02/20/04

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

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Daniel Wright/Date
Laboratory Director

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

Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon

Phone #: (732) 532-6223

( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat

Location: Bldg. 2700

Samplers Name / Company : /Handex

Comments:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Remarks / Preservation Method
40130 01	Airstripper Influent	2-20-04	12:45	Aq.	2	X								
02	Airstripper Effluent	2-20-04	12:40	Aq.	2		X							
03	1st GAC Effluent	2-20-04	12:35	Aq.	2		X							
04	Final Effluent	2-20-04	12:30	Aq.	2		X							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
A. DeDomenico	2/20/04 1440	J. Delgrua			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____Hrs.

Remarks:

print legibly

coc2700.xls2/20/2004

3-11-04;10:19 ;Ft Monmouth Envr Lab ;732 532 6263 # 3/ 23

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

Data File	VB015890.D	Sample Name	MB 03March04
Operator	Skelton	Field ID	MB 03March04
Date Acquired	3 Mar 2004 3:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.74	36431	0.93 ug/L	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 03March04**

Lab Name: FMETL NJDEP#: 13461

Project: Pump and Case No.: 40130 Location: 2700 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB 03March04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015890.D

Level: (low/med) LOW Date Received: 2/20/2004

% Moisture: not dec. Date Analyzed: 3/3/2004

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

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

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

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	27.81	4	J

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

Data File	**VB015890.D**	Sample Name	**MB 03March04**
Operator	**Skelton**	Field ID	**MB 03March04**
Date Acquired	**3 Mar 2004 3:02 pm**	Sample Multiplier	**1**

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

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

Qualifiers

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

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

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

Data File	VB015893.D	Sample Name	4013001
Operator	Skelton	Field ID	AirStripper Influent
Date Acquired	3 Mar 2004 5:07 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.62	743187	40.47 ug/L	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: AirStripperInfluen

Lab Name: FMETL NJDEP#: 13461

Project: Pump and Case No.: 40130 Location: 2700 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4013001

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015893.D

Level: (low/med) LOW Date Received: 2/20/2004

% Moisture: not dec. Date Analyzed: 3/3/2004

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB015894.D**	Sample Name	**4013002**
Operator	**Skelton**	Field ID	**AirStripper Effluent**
Date Acquired	**3 Mar 2004 5:44 pm**	Sample Multiplier	**1**

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

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

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

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

Data File	**VB015895.D**	Sample Name	**4013003**
Operator	**Skelton**	Field ID	**1st GAC Effluent**
Date Acquired	**3 Mar 2004 6:21 pm**	Sample Multiplier	**1**

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

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

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

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

Data File	**VB015896.D**	Sample Name	**4013004**
Operator	**Skelton**	Field ID	**Final Effluent**
Date Acquired	**3 Mar 2004 6:58 pm**	Sample Multiplier	**1**

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

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

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

MONITORING REPORT

COMPANY: Fort Monmouth DATE: 1-30-04
STREET ADDRESS: Bldg. # 2700
CITY: Eatontown STATE:
HANDEX LOCATION CODE: [redacted] 123654-01
SERVICE STATION NUMBER: PAGE of

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

pH METER # 700

SAMPLING POINT	pH (SU)	TIME
FINAL EFFLUENT	7.33	11:25
DUPLICATE	7.30	11:30
* CHECK STANDARD	6.98	11:40

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

COMMENTS:

LAB MANAGER: [signature]
DATE: 2/2/04

HYDROGEOLOGIST: F. Howlett
TECHNICIAN: A. DeDomenico

REVIEWED BY: HYDRO
PROJ MGR:
PRINCIPAL:

06/18/93

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
BLDG. 173, RIVERSIDE AVE.
FT. MONMOUTH, NJ 07703
PHONE: 732 532-4359 FAX: 732 532-6263

FAX

This is a preliminary copy of your analytical results. A finalized hard copy will follow.

To: Fred H
Fax: 732 536 9616
From: Jackie
Date: 2/26
Re:
Pages: 14

Comments:

CONFIDENTIALITY NOTICE

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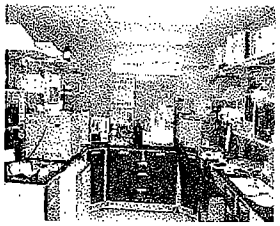
FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 2700 Pump & Treat

Bldg. 2700

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Air Stripper Influent	4008701	Aqueous	30-Jan-04 11:50	01/30/04
Air Stripper Effluent	4008702	Aqueous	30-Jan-04 11:45	01/30/04
. 1st GAC Effluent	4008703	Aqueous	30-Jan-04 11:40	01/30/04
Final Effluent	4008704	Aqueous	30-Jan-04 11:30	01/30/04

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

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

2-26-04
Daniel Wright/Date
Laboratory Director

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

CHAIN OF CUSTODY

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

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

Project No: Pump and Treat
Location: Bldg. 2700/Quarterly

Samplers Name / Company : /Handex

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE	TSS	COD					Remarks / Preservation Method
40087 01	Airstripper Influent	1-30-04	11:50	Aq.	2	X								
02	Airstripper Effluent	1-30-04	11:45	Aq.	2		X							
03	1st GAC Effluent	1-30-04	11:40	Aq.	2		X							
04	Final Effluent	1-30-04	11:30	Aq.	4		X	X	X					

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
R. De Domenico	1/30/04 1335	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

print legibly

Page 1 of 1

coc2700.qtr.xls4/28/2003

2-26-04;10:29 ;Ft Monmouth Envr Lab ;732 532 6263 # 4/ 14

VOLATILE ORGANICS

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

Data File	VC011112.D	Sample Name	MB 05Feb04
Operator	Skelton	Field ID	MB 05Feb04
Date Aquired	5-Feb-04	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.62	206757	2.92 ug/L	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

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

Qualifiers

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

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

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

Data File	**VC011112.D**	Sample Name	**MB 05Feb04**
Operator	**Skelton**	Field ID	**MB 05Feb04**
Date Aquired	**5-Feb-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	

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

Qualifiers

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

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

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

Data File	VC011130.D	Sample Name	4008701
Operator	Skelton	Field ID	AirStripper Influent
Date Aquired	6-Feb-04	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.68	43780	0.31 ug/L	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.50	3612187	40.56 ug/L	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

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

Qualifiers

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

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

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

Data File	**VC011131.D**	Sample Name	**4008702**
Operator	**Skelton**	Field ID	**AirStripper Effluent**
Date Aquired	**6-Feb-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	

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

Qualifiers

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

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

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

Data File	**VC011132.D**	Sample Name	**4008703**
Operator	**Skelton**	Field ID	**1stGACEffluent**
Date Aquired	**6-Feb-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	

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

Qualifiers

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

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

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

Data File	**VC011133.D**	Sample Name	**4008704**
Operator	**Skelton**	Field ID	**FinalEffluent**
Date Aquired	**6-Feb-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	

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

Qualifiers

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

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

WET CHEMISTRY

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

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

Lab ID #: 4008704
Sample Received: 01/30/04
Analysis Start: 02/02/04
Analysis Completed: 02/02/04

Site: Ft. Monmouth
Bldg 2700/ Quarterly

Matrix: AQ

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

TEST PARAMETER: Total Suspended Solids (TSS)

Sample ID#	Sample Location Identification	Result (mg/L)	MDL (mg/L)
4008704	Final Effluent	1.0	1.0

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

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

Lab ID #: 4008704
Sample Received: 01/30/04
Analysis Start: 02/23/04
Analysis Completed: 02/23/04

Site: Ft. Monmouth
Bldg 2700/ Quarterly

Matrix: AQ

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

TEST PARAMETER: Chemical Oxygen Demand (COD)

Sample ID#	Sample Location Identification	Result (mg/L)	MDL (mg/L)
4008704	Final Effluent	<10.0	10.0

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 2700/P&T

Bldg. 2700

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Air Stripper Influent	3081901	Aqueous	19-Dec-03 13:45	12/19/03
Air Stripper Effluent	3081902	Aqueous	19-Dec-03 13:40	12/19/03
1st GAC Effluent	3081903	Aqueous	19-Dec-03 13:35	12/19/03
Final Effluent	3081904	Aqueous	19-Dec-03 13:30	12/19/03

ANALYSIS:

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

RECEIVED
JAN - 8 2004

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

1-8-04
Daniel Wright/Date
Laboratory Director

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

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

Data File	VB015203.D	Sample Name	3081901
Operator	Skelton	Field ID	AirStripperInfluent
Date Acquired	2 Jan 2004 4:15 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.96	16286	0.40 ug/L	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.64	600879	21.20 ug/L	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VB015204.D**	Sample Name	**3081902**
Operator	**Skelton**	Field ID	**AirStripperEffluent**
Date Acquired	**2 Jan 2004 4:54 pm**	Sample Multiplier	**1**

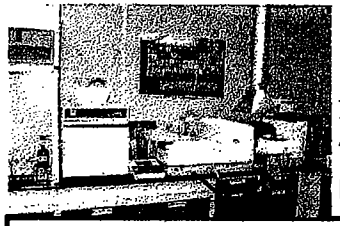
CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	

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

Qualifiers

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

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



Fort Monmouth Environmental Testing Laboratory

30819

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

Chain of Custody Record

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

Project No: Pump and Treat
Location: Bldg. 2700

Samplers Name / Company : AD /Handex

Comments: L48/HCL

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Remarks / Preservation Method
30819 01	Airstripper Influent	12-19-03	1:45	Aq.	2	X								
02	Airstripper Effluent	12-19-03	1:40	Aq.	2		X							
03	1st GAC Effluent	12-19-03	1:35	Aq.	2		X							
04	Final Effluent	12-19-03	1:30	Aq.	2		X							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[illegible]	12/19/03 2:30pm	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

1- 8-04; 8:40 ;Ft Monmouth Envr Lab ;732 532 6263 # 3/ 12

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 2700 Pump & Treat

Bldg. 2700

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Air Stripper Influent	3075901	Aqueous	25-Nov-03 12:45	11/25/03
Air Stripper Effluent	3075902	Aqueous	25-Nov-03 12:40	11/25/03
1st GAC Effluent	3075903	Aqueous	25-Nov-03 12:35	11/25/03
Final Effluent	3075904	Aqueous	25-Nov-03 12:30	11/25/03
Trip Blank	3075905	Aqueous	25-Nov-03	11/25/03

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

RECEIVED
JAN - 9 2004

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

12-18-03
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

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

Data File	VC010834.D	Sample Name	3075901
Operator	Skelton	Field ID	AirStripperInfluent
Date Aquired	4-Dec-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.68	80968	0.86 ug/L	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane	15.93	41184	0.27 ug/L	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.49	1642933	21.11 ug/L	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VC010817.D**	Sample Name	**3075902**
Operator	**Skelton**	Field ID	**Airstripper Effluent**
Date Aquired	**3-Dec-03**	Multiplier	**1**

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

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

Qualifiers

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

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

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

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

Project No: Pump and Treat
Location: Bldg. 2700

Samplers Name / Company : /Handex

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Remarks / Preservation Method
30759 01	Airstripper Influent	11-25-03	12:45	Aq.	2	X								
02	Airstripper Effluent	11-25-03	12:40	Aq.	2		X							
03	1st GAC Effluent	11-25-03	12:35	Aq.	2		X							
04	Final Effluent	11-25-03	12:30	Aq.	4		X							
05	TB	11-25-03	—	Aq	2	X								

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[illegible]	11-25-03 1450	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 2700 Pump & Treat

Bldg. 2700

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Air Stripper Influent	3067701	Aqueous	23-Oct-03 14:15	10/23/03
Air Stripper Effluent	3067702	Aqueous	23-Oct-03 14:10	10/23/03
1st GAC Effluent	3067703	Aqueous	23-Oct-03 14:05	10/23/03
Final Effluent	3067704	Aqueous	23-Oct-03 14:00	10/23/03

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

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

RECEIVED
NOV 13 2003

11-12-03
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

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

Data File	**VB014794.D**	Sample Name	**3067701**
Operator	**Skelton**	Field ID	**AirStripperInfluent**
Date Acquired	**4 Nov 2003 3:09 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.64	467050	14.86 ug/L	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

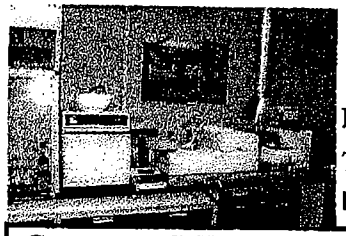
*Results between MDL and RL are estimated values

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

Qualifiers

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

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



Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon

Phone #: (732) 532-6223

( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat

Location: Bldg. 2700/Quarterly

Comments:

Samplers Name / Company : /Handex

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE	TSS	COD					Remarks / Preservation Method
30677 01	Airstripper Influent	10-23-03	2:15	Aq.	2	X								
02	Airstripper Effluent	10-23-03	2:10	Aq.	2		X							
03	1st GAC Effluent	10-23-03	2:05	Aq.	2		X							
04	Final Effluent	10-23-03	2:00	Aq.	4		X	X	X					

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	10/23/03 1530	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

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

Remarks:

print legibly

11-13-03;10:51 ;Ft Monmouth Envr Lab ;732 532 6263 # 33/ 41

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 2700 Pump & Treat

Bldg. 2700

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Air Stripper Influent	3059101	Aqueous	16-Sept-03 14:05	09/16/03
Air Stripper Effluent	3059102	Aqueous	16-Sept-03 14:00	09/16/03
1st GAC Effluent	3059103	Aqueous	16-Sept-03 13:55	09/16/03
Final Effluent	3059104	Aqueous	16-Sept-03 13:50	09/16/03

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

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

RECEIVED
NOV 13 2003

9-26-03
Daniel Wright/Date
Laboratory Director

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

Data File	**VC010359.D**	Sample Name	**3059101**
Operator	**Skelton**	Field ID	**AirstripperInfluent**
Date Aquired	**19-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.51	439086	13.91 ug/L	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

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

Project No: Pump and Treat
Location: Bldg. 2700

Samplers Name / Company : /Handex

Analysis Parameters: 624; TCE / PCE / CIS-1,2-DCE

Comments:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Remarks / Preservation Method
30591 01	Airstripper Influent	9-16-03	2:05	Aq.	2	X								
02	Airstripper Effluent	9-16-03	2:00	Aq.	2		X							
03	1st GAC Effluent	9-16-03	1:55	Aq.	2		X							
04	Final Effluent	9-16-03	1:50	Aq.	2		X							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
A. DeDomenico	9/16/03 1545	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

print legibly

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 2700/P&T

Bldg. 2700

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Air Stripper Influent	3051201	Aqueous	15-Aug-03 13:10	08/15/03
Air Stripper Effluent	3051202	Aqueous	15-Aug-03 13:05	08/15/03
1st GAC Effluent	3051203	Aqueous	15-Aug-03 13:00	08/15/03
Final Effluent	3051204	Aqueous	15-Aug-03 12:55	08/15/03

ANALYSIS:

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

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

8.25.03
Daniel Wright Date
Laboratory Director

RECEIVED
SEP 15 2003

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

Data File	VB014203.D	Sample Name	3051201
Operator	Skelton	Field ID	AirStripper Influent
Date Acquired	21 Aug 2003 2:49 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.98	31121	1.20 ug/L	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.64	1175778	48.12 ug/L	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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

Data File	**VB014204.D**	Sample Name	**3051202**
Operator	**Skelton**	Field ID	**AirStripper Effluent**
Date Acquired	**21 Aug 2003 3:27 am**	Sample Multiplier	**1**

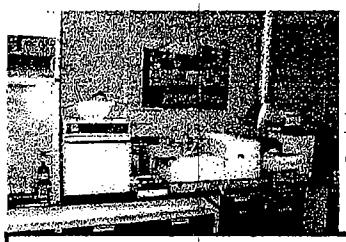
CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	

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

Qualifiers

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

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



Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

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

Project No: Pump and Treat
Location: Bldg. 2700

Samplers Name / Company : /Handex

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE/TCE/ CIS-1-2-DCE							Comments: Remarks / Preservation Method
30512 01	Airstripper Influent	8-15-03	1:10	Aq.	2	X								
02	Airstripper Effluent	8-15-03	1:05	Aq.	2		X							
03	1st GAC Effluent	8-15-03	1:00	Aq.	2		X							
04	Final Effluent	8-15-03	12:55	Aq.	2		X							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
A. DeDomenico	8/15/03 1410	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

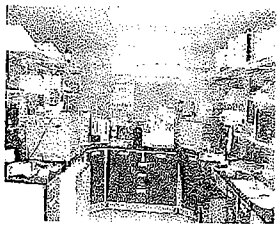
Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

9-15-03;13:43 ;Ft Monmouth Envr Lab ;732 532 6263

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 2700 Pump & Treat

Bldg. 2700

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Air Stripper Influent	3037001	Aqueous	16-Jul-03 12:35	07/16/03
Air Stripper Effluent	3037002	Aqueous	16-Jul-03 12:30	07/16/03
1st GAC Effluent	3037003	Aqueous	16-Jul-03 12:25	07/16/03
Final Effluent	3037004	Aqueous	16-Jul-03 12:15	07/16/03

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

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AUG 08 2003

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Daniel Wright/Date
Laboratory Director

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

Data File	VC009908.D	Sample Name	3037001
Operator	Skelton	Field ID	AirStripper Influent
Date Aquired	17-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.52	853720	27.50 ug/L	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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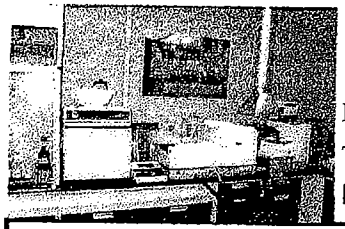

Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon

Phone #: (732) 532-6223

( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat

Location: Bldg. 2700/Quarterly

Samplers Name / Company : /Handex

Comments:

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE	TSS	COD					Remarks / Preservation Method
30370 01	Airstripper Influent	7-16-03	12:35	Aq.	2	X								
02	Airstripper Effluent	7-16-03	12:30	Aq.	2		X							
03	1st GAC Effluent	7-16-03	12:25	Aq.	2		X							
04	Final Effluent	7-16-03	12:15	Aq.	4		X	X	X					

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	7/14/03 1430	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Turnaround time: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

9- 8-03: 8:21 :Ft Monmouth Envr Lab ;732 532 6263

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 2700 Pump & Treat

Bldg. 2700

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Air Stripper Influent	3031501	Aqueous	25-Jun-03 11:30	06/25/03
Air Stripper Effluent	3031502	Aqueous	25-Jun-03 11:25	06/25/03
1st GAC Effluent	3031503	Aqueous	25-Jun-03 11:20	06/25/03
Final Effluent	3031504	Aqueous	25-Jun-03 11:15	06/25/03

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

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

RECEIVED
AUG 08 2003

7-1-03
Daniel Wright/Date
Laboratory Director

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

Data File	VC009788.D	Sample Name	3031501
Operator	Skelton	Field ID	AirStripperInfluent
Date Aquired	27-Jun-03	Multiplier	2

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.70 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	5.56 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	17.04 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.32 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.50 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	3.36 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	2.32 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.12 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	2.20 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	2.02 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.00 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.48 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	93576	18.00 ug/L	700	2.72 ug/L	2.00 ug/L	D
75-15-0	Carbon Disulfide			not detected	nle	0.92 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.48 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.32 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.24 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	1.56 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	1.24 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.34 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.60 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.46 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.94 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.46 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.36 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.50	954984	70.50 ug/L	1	0.46 ug/L	2.00 ug/L	D
78-87-5	1,2-Dichloropropane			not detected	1	0.80 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	1.10 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.30 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.38 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.18 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.74 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.74 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.96 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.64 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.42 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.72 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.78 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.28 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.24 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	1.12 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	1.40 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.94 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.10 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.14 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.28 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

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

Project No: Pump and Treat
Location: Bldg. 2700

Samplers Name / Company : /Handex

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Comments: Remarks / Preservation Method
30315 01	Airstripper Influent	6/25/03	11:30	Aq.	2	X								
02	Airstripper Effluent	6/25/03	11:25	Aq.	2		X							
03	1st GAC Effluent	6/25/03	11:20	Aq.	2		X							
04	Final Effluent	6/25/03	11:15	Aq.	2		X							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
R. DeDomenico	6/25/03 1430	[signature]			
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
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

7- 1-03;14:05 ;Ft Monmouth Envr Lab ;732 532 6263

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 2700/P&T

Bldg. 2700

Field Sample Location	Laboratory Sample ID	Matrix	Date and Time of Collection	Date Received
Air Stripper Influent	3024201	Aqueous	20-May-03 13:30	05/20/03
Air Stripper Effluent	3024202	Aqueous	20-May-03 13:25	05/20/03
1st GAC Effluent	3024203	Aqueous	20-May-03 13:20	05/20/03
Final Effluent	3024204	Aqueous	20-May-03 13:15	05/20/03

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

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

6-6-03
Daniel Wright/Date
Laboratory Director

RECEIVED
JUN 09 2003

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

Data File	VC009502.D	Sample Name	3024201
Operator	Skelton	Field ID	AirStripper Influent
Date Aquired	29-May-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.51	975686	26.71 ug/L	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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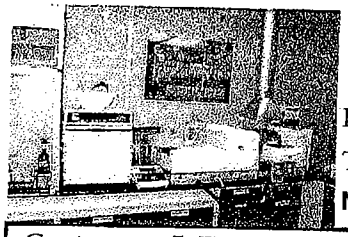

Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon

Phone #: (732) 532-6223

( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat

Location: Bldg. 2700

Comments:

Samplers Name / Company : /Handex

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE							Remarks / Preservation Method
30242 01	Airstripper Influent	5/20/03	1:30	Aq.	2	X								
02	Airstripper Effluent	5/20/03	1:25	Aq.	2		X							
03	1st GAC Effluent	5/20/03	1:20	Aq.	2		X							
04	Final Effluent	5/20/03	1:15	Aq.	4		X							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
J. DeDomenico	5/20/03 1500	J. Dupuis			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

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

Remarks:

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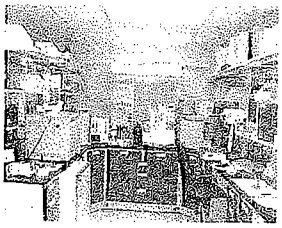
Page 1 of 1

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Bldg. 2700/P & T

Bldg. 2700

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Air Stripper Influent	3018401	Aqueous	23-Apr-03 10:05	04/23/03
Air Stripper Effluent	3018402	Aqueous	23-Apr-03 10:00	04/23/03
1st GAC Effluent	3018403	Aqueous	23-Apr-03 09:55	04/23/03
Final Effluent	3018404	Aqueous	23-Apr-03 09:45	04/23/03

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

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

6-2-03

Daniel Wright/Date
Laboratory Director

RECEIVED
JUN 04 2003

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

Data File	VB013548.D	Sample Name	3018401
Operator	Skelton	Field ID	AirStripperInfluent
Date Acquired	26 Apr 2003 11:05 am	Sample Multiplier	5

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	9.25 ug/L	100.00 ug/L	
107131	Acrylonitrile			not detected	50	13.90 ug/L	100.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	42.60 ug/L	100.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.80 ug/L	10.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	10.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	8.40 ug/L	10.00 ug/L	
74-87-3	Chloromethane			not detected	30	5.80 ug/L	10.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	5.30 ug/L	10.00 ug/L	
74-83-9	Bromomethane			not detected	10	5.50 ug/L	10.00 ug/L	
75-00-3	Chloroethane			not detected	nle	5.05 ug/L	10.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.50 ug/L	10.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	1.20 ug/L	10.00 ug/L	
67-64-1	Acetone			not detected	700	6.80 ug/L	10.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	2.30 ug/L	10.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.20 ug/L	10.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.80 ug/L	10.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.60 ug/L	10.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	3.90 ug/L	10.00 ug/L	
78-93-3	2-Butanone			not detected	300	3.10 ug/L	10.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.85 ug/L	10.00 ug/L	
67-66-3	Chloroform			not detected	6	1.50 ug/L	10.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	1.15 ug/L	10.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.35 ug/L	10.00 ug/L	
71-43-2	Benzene			not detected	1	1.15 ug/L	10.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.90 ug/L	10.00 ug/L	
79-01-6	Trichloroethene	19.83	332163	51.20 ug/L	1	1.15 ug/L	10.00 ug/L	D
78-87-5	1,2-Dichloropropane			not detected	1	2.00 ug/L	10.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	2.75 ug/L	10.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	3.25 ug/L	10.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	3.45 ug/L	10.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	2.95 ug/L	10.00 ug/L	
108-88-3	Toluene			not detected	1000	1.85 ug/L	10.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	4.35 ug/L	10.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.40 ug/L	10.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	1.60 ug/L	10.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	3.55 ug/L	10.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	4.30 ug/L	10.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	1.95 ug/L	10.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	3.25 ug/L	10.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	5.70 ug/L	20.00 ug/L	
95-47-6	o-Xylene			not detected	nle	3.10 ug/L	10.00 ug/L	
100-42-5	Styrene			not detected	100	2.80 ug/L	10.00 ug/L	
75-25-2	Bromoform			not detected	4	3.50 ug/L	10.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	2.35 ug/L	10.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.75 ug/L	10.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.85 ug/L	10.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	3.20 ug/L	10.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon

Phone #: (732) 532-6223

( )DERA ( )OMA ( )Other:_____

Project No: Pump and Treat

Location: Bldg. 2700/Quarterly

Comments:

Samplers Name / Company : /GES

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	624	TCE / PCE / CIS-1,2-DCE	TSS	COD					Remarks / Preservation Method
30184 01	Airstripper Influent	4/23/03	10:05	Aq.	2	X								
02	Airstripper Effluent	4/23/03	10:00	Aq.	2		X							
03	1st GAC Effluent	4/23/03	9:55	Aq.	2		X							
04	Final Effluent	4/23/03	9:45	Aq.	4		X	X	X					

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
C. De Domenico	4/23/03 1145	J. [illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

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

Remarks:

MONITORING REPORT

COMPANY: Fort Monmouth DATE: 4-23-03
STREET ADDRESS: Bldg. # 2700
CITY: Eatontown STATE: NJ
HANDEX LOCATION CODE: 123654-01
SERVICE STATION NUMBER: _____ PAGE ____ of ____

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

pH METER # 63409

SAMPLING POINT	pH (SU)	TIME
FINAL EFFLUENT	5.4	9:40
DUPLICATE	5.4	9:45
* CHECK STANDARD	7.0	9:55

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

COMMENTS: _____

LAB MANAGER: _____ HYDROGEOLOGIST: F. Howlett
DATE: 4/29/03 TECHNICIAN: A. DeDomenico

REVIEWED BY: HYDRO _____
PROJ MGR: _____
PRINCIPAL: _____

APPENDIX B

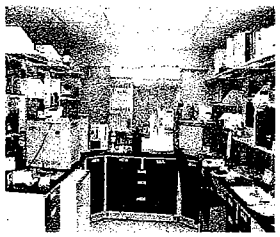
GROUNDWATER SAMPLING ANALYTICAL REPORT – JUNE 26, 2003

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: Charles Wood Courtyard Area

SAMPLE LOCATION AND IDENTIFICATION

SITE: CW-1

LABORATORY ID #	MONITOR WELL#	SAMPLE DATE
3032204	CW1MW026	06/26/03
3032205	CW1MW027	06/26/03
3032206	CW1MW028	06/26/03
3032207	CW1MW029	06/26/03
3032208	CW1MW030	06/26/03
3032209	CW1MW031	06/26/03
3032210	CW1MW032	06/26/03
3032211	CW1MW033	06/26/03
3032212	CW1MW034	06/26/03
3032213	CW1MW035	06/26/03
3032214	CW1MW036	06/26/03
3032215	CW1MW037	06/26/03
3032218	CW1MW038	06/26/03
3032219	CW1MW039	06/26/03
3032220	CW1MW040	06/26/03
3032221	CW1MW281	06/26/03
3032216	CW1MW282	06/26/03
3032217	CW1MW291	06/26/03

NJDEP Laboratory Certification # 13461

7-21-03

Daniel Wright/Date:
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW026
NJDEP ID #: 29-32590
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.38 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.51 ft
(6.51) X .65 X 3 = 12.69
GALLONS OF H_2O TO BE PURGED: 13 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:05
pH 5.48 su
DISSOLVED O_2 4.11 mg/L
TEMP 12.59 °C
SPECIFIC CONDUCTIVITY 178.1 ms/cm

PURGE END TIME: 11:011
pH 5.40 su
DISSOLVED O_2 2.76 mg/L
TEMP 12.51 °C
SPECIFIC CONDUCTIVITY 173.2 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.42 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 13 gal

SAMPLE START TIME: 11:02
pH 5.40 su
DISSOLVED O_2 2.75 mg/L
TEMP 12.52 °C
SPECIFIC CONDUCTIVITY 173.4 ms/cm

SAMPLE END TIME: 11:04

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW027
NJDEP ID #: 29-32591
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.25 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.64 ft
(6.64) X .65 X 3 = 12.94
GALLONS OF H_2O TO BE PURGED: 13 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:10
pH 5.80 su — TEMP 12.67 °C
DISSOLVED O_2 3.61 mg/L — SPECIFIC CONDUCTIVITY 267.6 ms/cm

PURGE END TIME: 11:06
pH 5.51 su — TEMP 12.70 °C
DISSOLVED O_2 2.78 mg/L — SPECIFIC CONDUCTIVITY 253.1 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.42 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 13 gal

SAMPLE START TIME: 11:08
pH 5.50 su — TEMP 12.71 °C
DISSOLVED O_2 2.78 mg/L — SPECIFIC CONDUCTIVITY 253.2 ms/cm

SAMPLE END TIME: 11:10

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW028
NJDEP ID #: 29-32592
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.11 ft
DEPTH OF WELL: 16.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.82 ft
(6.82) X .65 X 3 = 13.29
GALLONS OF H_2O TO BE PURGED: 13 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:10
pH 5.57 su
DISSOLVED O_2 3.20 mg/L
TEMP 12.80 °C
SPECIFIC CONDUCTIVITY 271.6 ms/cm

PURGE END TIME: 10:06
pH 5.48 su
DISSOLVED O_2 2.17 mg/L
TEMP 12.76 °C
SPECIFIC CONDUCTIVITY 247.8 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.21 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 13 gal

SAMPLE START TIME: 10:07
pH 5.49 su
DISSOLVED O_2 2.18 mg/L
TEMP 12.77 °C
SPECIFIC CONDUCTIVITY 247.8 ms/cm

SAMPLE END TIME: 10:09

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW029
NJDEP ID #: 29-32593
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.63 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.24 ft
(7.24) X .65 X 3 = 14.11
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:15
pH 5.60 su
DISSOLVED O_2 3.31 mg/L
TEMP 12.91 °C
SPECIFIC CONDUCTIVITY 263.2 ms/cm

PURGE END TIME: 10:16
pH 5.51 su
DISSOLVED O_2 2.20 mg/L
TEMP 12.76 °C
SPECIFIC CONDUCTIVITY 270.1 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.70 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 10:17
pH 5.50 su
DISSOLVED O_2 2.20 mg/L
TEMP 12.77 °C
SPECIFIC CONDUCTIVITY 269.2 ms/cm

SAMPLE END TIME: 10:19

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW030
NJDEP ID #: 29-43188
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.11 ft
DEPTH OF WELL: 21.45 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.34 ft
(11.34) X .65 X 3 = 22.11
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: 09:28
pH 6.02 su — TEMP 12.97 °C
DISSOLVED O_2 3.79 mg/L — SPECIFIC CONDUCTIVITY 371.9 ms/cm

PURGE END TIME: 11:03
pH 5.67 su — TEMP 12.80 °C
DISSOLVED O_2 2.31 mg/L — SPECIFIC CONDUCTIVITY 382.1 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.20 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 11:04
pH 5.69 su — TEMP 12.80 °C
DISSOLVED O_2 2.30 mg/L — SPECIFIC CONDUCTIVITY 381.9 ms/cm

SAMPLE END TIME: 11:06

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW031
NJDEP ID #: 29-43189
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.78 ft
DEPTH OF WELL: 21.73 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.95 ft
(10.95) X .65 X 3 =21.35
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: 09:25
pH 5.98 su
DISSOLVED O_2 6.01 mg/L
TEMP 13.51 °C
SPECIFIC CONDUCTIVITY 21.79 ms/cm

PURGE END TIME: 10:56
pH 6.10 su
DISSOLVED O_2 6.10 mg/L
TEMP 13.20 °C
SPECIFIC CONDUCTIVITY 20.11 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.90 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 10:58
pH 6.10 su
DISSOLVED O_2 6.11 mg/L
TEMP 13.20 °C
SPECIFIC CONDUCTIVITY 20.10 ms/cm

SAMPLE END TIME: 11:00

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW032
NJDEP ID #: 29-43190
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.28 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: 0.0 ppm

PURGE START TIME: 09:22
pH 5.60 su — TEMP 12.90 °C
DISSOLVED O_2 4.76 mg/L — SPECIFIC CONDUCTIVITY 191.7 ms/cm

PURGE END TIME: 10:53
pH 5.50 su — TEMP 12.80 °C
DISSOLVED O_2 3.29 mg/L — SPECIFIC CONDUCTIVITY 201.3 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.40 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 10:54
pH 5.51 su — TEMP 12.81 °C
DISSOLVED O_2 3.30 mg/L — SPECIFIC CONDUCTIVITY 201.4 ms/cm

SAMPLE END TIME: 10:56

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW033
NJDEP ID #: 29-43191
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.91 ft
DEPTH OF WELL: 23.00 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.09 ft
(12.09) X .65 X 3 = 23.57
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: 09:30
pH 6.03 su — TEMP 12.98 °C
DISSOLVED O_2 4.79 mg/L — SPECIFIC CONDUCTIVITY 212.5 ms/cm

PURGE END TIME: 11:14
pH 5.63 su — TEMP 12.77 °C
DISSOLVED O_2 3.30 mg/L — SPECIFIC CONDUCTIVITY 201.7 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.02 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 11:15
pH 5.64 su — TEMP 12.78 °C
DISSOLVED O_2 3.30 mg/L — SPECIFIC CONDUCTIVITY 201.6 ms/cm

SAMPLE END TIME: 11:18

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW034
NJDEP ID #: 29-43192
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.32 ft
DEPTH OF WELL: 19.46 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.14 ft
(11.14) X .65 X 3 =21.72
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: 12:00
pH 5.91 su
TEMP 12.90 °C
DISSOLVED O_2 4.61 mg/L
SPECIFIC CONDUCTIVITY 138.7 ms/cm

PURGE END TIME: 13:35
pH 5.41 su
TEMP 12.76 °C
DISSOLVED O_2 3.71 mg/L
SPECIFIC CONDUCTIVITY 159.9 ms/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: 13:36
pH 5.42 su
TEMP 12.76 °C
DISSOLVED O_2 3.70 mg/L
SPECIFIC CONDUCTIVITY 160.1 ms/cm

SAMPLE END TIME: 13:38

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW035
NJDEP ID #: 29-43193
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.00 ft
DEPTH OF WELL: 16.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.48 ft
(8.48) X .65 X 3 =16.53
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: 12:10
pH 6.00 su — TEMP 12.96 °C
DISSOLVED O_2 3.98 mg/L — SPECIFIC CONDUCTIVITY 179.8 ms/cm

PURGE END TIME: 13:24
pH 5.67 su — TEMP 12.80 °C
DISSOLVED O_2 2.27 mg/L — SPECIFIC CONDUCTIVITY 180.1 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.03 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 13:25
pH 5.68 su — TEMP 12.79 °C
DISSOLVED O_2 2.30 mg/L — SPECIFIC CONDUCTIVITY 180.2 ms/cm

SAMPLE END TIME: 13:27

COMMENTS: Very low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW036
NJDEP ID #: 29-43194
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.70 ft
DEPTH OF WELL: 16.28 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.58 ft
(7.58) X .65 X 3 = 14.78
GALLONS OF H_2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:05
pH 5.30 su — TEMP 12.93 °C
DISSOLVED O_2 3.91 mg/L — SPECIFIC CONDUCTIVITY 191.7 ms/cm

PURGE END TIME: 13:10
pH 5.49 su — TEMP 12.81 °C
DISSOLVED O_2 2.20 mg/L — SPECIFIC CONDUCTIVITY 207.6 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.65 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 13:11
pH 5.50 su — TEMP 12.78 °C
DISSOLVED O_2 2.20 mg/L — SPECIFIC CONDUCTIVITY 210.1 ms/cm

SAMPLE END TIME: 13:13

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW037
NJDEP ID #: 29-43195
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.27 ft
DEPTH OF WELL: 13.21 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 4.94 ft
(4.94) X .65 X 3 = 9.63
GALLONS OF H_2O TO BE PURGED: 10 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:20
pH 6.06 su
TEMP 12.94 °C
DISSOLVED O_2 4.20 mg/L
SPECIFIC CONDUCTIVITY 471.2 ms/cm

PURGE END TIME: 14:03
pH 5.87 su
TEMP 12.76 °C
DISSOLVED O_2 3.21 mg/L
SPECIFIC CONDUCTIVITY 491.7 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.33 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 10 gal

SAMPLE START TIME: 14:04
pH 5.88 su
TEMP 12.79 °C
DISSOLVED O_2 3.18 mg/L
SPECIFIC CONDUCTIVITY 492.0 ms/cm

SAMPLE END TIME: 14:06

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW038
NJDEP ID #: 29-43186
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.11 ft
DEPTH OF WELL: 51.75 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 40.64 ft
(40.64) X .65 X 3 =79.24
GALLONS OF H_2O TO BE PURGED: 79 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 4.34 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:01
pH 5.79 su
DISSOLVED O_2 4.32 mg/L
TEMP 12.96 °C
SPECIFIC CONDUCTIVITY 381.7 ms/cm

PURGE END TIME: 09:19
pH 5.53 su
DISSOLVED O_2 2.22 mg/L
TEMP 12.79 °C
SPECIFIC CONDUCTIVITY 421.0 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.26 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 79 gal

SAMPLE START TIME: 09:20
pH 5.52 su
DISSOLVED O_2 2.20 mg/L
TEMP 12.80 °C
SPECIFIC CONDUCTIVITY 422.7 ms/cm

SAMPLE END TIME: 09:22

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW039
NJDEP ID #: 29-43185
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.55 ft
DEPTH OF WELL: 49.69 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 38.14 ft
(38.14) X .65 X 3 =74.37
GALLONS OF H_2O TO BE PURGED: 74 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 3.52 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:30
pH 6.03 su — TEMP 12.89 °C
DISSOLVED O_2 3.70 mg/L — SPECIFIC CONDUCTIVITY 763.1 ms/cm

PURGE END TIME: 11:51
pH 6.12 su — TEMP 12.70 °C
DISSOLVED O_2 2.30 mg/L — SPECIFIC CONDUCTIVITY 781.1 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.93 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 74 gal

SAMPLE START TIME: 11:52
pH 6.13 su — TEMP 12.72 °C
DISSOLVED O_2 2.27 mg/L — SPECIFIC CONDUCTIVITY 781.3 ms/cm

SAMPLE END TIME: 11:54

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW040
NJDEP ID #: 29-43187
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 12.27 ft
DEPTH OF WELL: 48.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 36.23 ft
(36.23) X .65 X 3 = 70.64
GALLONS OF H_2O TO BE PURGED: 71 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 3.12 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:22
pH 5.84 su
DISSOLVED O_2 3.11 mg/L
TEMP 12.99 °C
SPECIFIC CONDUCTIVITY 671.4 ms/cm

PURGE END TIME: 10:45
pH 5.63 su
DISSOLVED O_2 2.37 mg/L
TEMP 12.60 °C
SPECIFIC CONDUCTIVITY 700.0 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 15.47 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 71 gal

SAMPLE START TIME: 10:46
pH 5.62 su
DISSOLVED O_2 2.34 mg/L
TEMP 12.63 °C
SPECIFIC CONDUCTIVITY 701.0 ms/cm

SAMPLE END TIME: 10:48

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW281
NJDEP ID #: 29-35312
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.69 ft
DEPTH OF WELL: 43.20 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 32.51 ft
(32.51) X .65 X 3 =63.39
GALLONS OF H_2O TO BE PURGED: 63 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 4.16 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:42
pH 6.20 su — TEMP 12.91 °C
DISSOLVED O_2 3.97 mg/L — SPECIFIC CONDUCTIVITY 400.1 ms/cm

PURGE END TIME: 09:57
pH 5.85 su — TEMP 12.60 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 391.7 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 21.07 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 63 gal

SAMPLE START TIME: 09:58
pH 5.86 su — TEMP 12.61 °C
DISSOLVED O_2 2.12 mg/L — SPECIFIC CONDUCTIVITY 387.6 ms/cm

SAMPLE END TIME: 09:59

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW282
NJDEP ID #: 29-35313
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.58 ft
DEPTH OF WELL: 17.95 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.37 ft
(9.37) X .65 X 3 = 18.27
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: 0.0 ppm

PURGE START TIME: 09:20
pH 5.90 su — TEMP 12.93 °C
DISSOLVED O_2 3.14 mg/L — SPECIFIC CONDUCTIVITY 97.61 ms/cm

PURGE END TIME: 10:38
pH 5.87 su — TEMP 12.81 °C
DISSOLVED O_2 2.21 mg/L — SPECIFIC CONDUCTIVITY 99.11 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.95 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 18 gal

SAMPLE START TIME: 10:39
pH 5.86 su — TEMP 12.81 °C
DISSOLVED O_2 2.22 mg/L — SPECIFIC CONDUCTIVITY 99.17 ms/cm

SAMPLE END TIME: 10:41

COMMENTS: Low draw down.

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: 06/26/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.35 ft
DEPTH OF WELL: 18.18 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.83 ft
(6.83) X .65 X 3 =13.31
GALLONS OF H_2O TO BE PURGED: 13 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:05
pH 5.50 su
DISSOLVED O_2 4.29 mg/L
TEMP 13.08 °C
SPECIFIC CONDUCTIVITY 179.8 ms/cm

PURGE END TIME: 10:01
pH 5.87 su
DISSOLVED O_2 3.19 mg/L
TEMP 12.71 °C
SPECIFIC CONDUCTIVITY 151.4 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.40 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 13 gal

SAMPLE START TIME: 10:02
pH 5.70 su
DISSOLVED O_2 3.20 mg/L
TEMP 12.72 °C
SPECIFIC CONDUCTIVITY 151.3 ms/cm

SAMPLE END TIME: 10:04

COMMENTS: Low draw down.

LTM Depth to Water

Location: CW1
Date: 06/26/03

Well	NJDEP Well ID	Depth of Well Feet	Well Diameter Inch	Depth to Water Feet
CW1MW026	29-32590	16.89	4	10.38
CW1MW027	29-32591	16.89	4	10.25
CW1MW028	29-32592	16.93	4	10.11
CW1MW029	29-32593	16.87	4	9.63
CW1MW281	29-35312	43.2	4	10.69
CW1MW282	29-35313	17.95	4	8.58
CW1MW291	29-35314	18.18	4	11.35
CW1MW030	29-43188	21.45	4	10.11
CW1MW031	29-43189	21.73	4	10.78
CW1MW032	29-43190	21.8	4	11.28
CW1MW033	29-43191	23	4	10.91
CW1MW034	29-43192	19.46	4	8.32
CW1MW035	29-43193	16.48	4	8
CW1MW036	29-43194	16.28	4	8.7
CW1MW037	29-43195	13.21	4	8.27
CW1MW038	29-43186	51.75	4	11.11
CW1MW039	29-43185	49.69	4	11.55
CW1MW040	29-43187	48.5	4	12.27

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

Data File	**VC009794.D**	Sample Name	**MB 01July03**
Operator	**Skelton**	Field ID	**MB 01July03**
Date Aquired	**1-Jul-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 01July03**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 01July03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009794.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/1/2003

GC Column: ZB-624 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 Number #13461

Data File	**VC009799.D**	Sample Name	**3032201**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**1-Jul-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032201

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009799.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. _____ Date Analyzed: 7/1/2003

GC Column: ZB-624 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 Number #13461

Data File	**VC009800.D**	Sample Name	**3032202**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**1-Jul-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032202

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009800.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. _____ Date Analyzed: 7/1/2003

GC Column: ZB-624 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 Number #13461

Data File	**VC009801.D**	Sample Name	**3032203**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**1-Jul-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032203

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009801.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/1/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009802.D	Sample Name	3032204
Operator	Skelton	Field ID	CW1MW26
Date Aquired	1-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	11.77	48486	0.97 ug/L	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW26**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032204

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009802.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/1/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009805.D	Sample Name	3032205
Operator	Skelton	Field ID	CW1MW27
Date Aquired	1-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW27**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032205

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009805.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/1/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009806.D	Sample Name	3032206
Operator	Skelton	Field ID	CW1MW28
Date Aquired	1-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW28**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032206

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009806.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/1/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009807.D	Sample Name	3032207
Operator	Skelton	Field ID	CW1MW29
Date Aquired	1-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW29**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032207

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009807.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/1/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009808.D	Sample Name	3032208
Operator	Skelton	Field ID	CW1MW30
Date Aquired	1-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW30**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032208

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009808.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/1/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009809.D	Sample Name	3032209
Operator	Skelton	Field ID	CW1MW31
Date Aquired	2-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	28012	1.04 ug/L	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane	15.94	43617	1.34 ug/L	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.51	120164	5.07 ug/L	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW31**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032209

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009809.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/2/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009810.D	Sample Name	3032210
Operator	Skelton	Field ID	CW1MW32
Date Aquired	2-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW32**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032210

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009810.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. _____ Date Analyzed: 7/2/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009811.D	Sample Name	3032211
Operator	Skelton	Field ID	CW1MW33
Date Aquired	2-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW33**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032211

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009811.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/2/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009812.D	Sample Name	3032212
Operator	Skelton	Field ID	CW1MW34
Date Aquired	2-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW34**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032212

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009812.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/2/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009813.D	Sample Name	3032213
Operator	Skelton	Field ID	CW1MW35
Date Aquired	2-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW35**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032213

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009813.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/2/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009814.D	Sample Name	3032214
Operator	Skelton	Field ID	CW1MW36
Date Aquired	2-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW36**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032214

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009814.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/2/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009815.D	Sample Name	3032215
Operator	Skelton	Field ID	CW1MW37
Date Aquired	2-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.71	35651	1.37 ug/L	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW37**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032215

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009815.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. _____ Date Analyzed: 7/2/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009818.D	Sample Name	3032218
Operator	Skelton	Field ID	CW1MW38
Date Aquired	2-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW38**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032218

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009818.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/2/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009819.D	Sample Name	3032219
Operator	Skelton	Field ID	CW1MW39
Date Aquired	2-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW39**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032219

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009819.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/2/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009820.D	Sample Name	3032220
Operator	Skelton	Field ID	CW1MW40
Date Aquired	2-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW40**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032220

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009820.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/2/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009821.D	Sample Name	3032221
Operator	Skelton	Field ID	CW1MW281
Date Aquired	2-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW281**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032221

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009821.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/2/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009816.D	Sample Name	3032216
Operator	Skelton	Field ID	CW1MW282
Date Aquired	2-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW282**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032216

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009816.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. Date Analyzed: 7/2/2003

GC Column: ZB-624 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 Number #13461

Data File	VC009817.D	Sample Name	3032217
Operator	Skelton	Field ID	CW1MW291
Date Aquired	2-Jul-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **CW1MW291**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30322 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032217

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009817.D

Level: (low/med) LOW Date Received: 6/26/2003

% Moisture: not dec. _____ Date Analyzed: 7/2/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

	Lab	Aluminum	Manganese	Arsenic	Iron	Silver	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	200	50	8	300	20	-				-
04/23/1997	FMETL	ND	23	ND	50	ND	8.60				V,S,P,M
07/07/1997	FMETL	67	33	ND	10	30	8.98				V,S,P,M
10/01/1997	FMETL	127	12	ND	153	ND	9.45				V,S,P,M
01/06/1998	FMETL	614	12	ND	159	ND	9.05				V,S,P,M
06/16/1998	FMETL	700	10.4	ND	1400	ND	8.61				V,S,P,M
08/13/1998	FMETL	1410	20.7	ND	2730	ND	9.16				V,S,P,M
12/15/1998	FMETL	158	8.11	ND	105	ND	10.18				V,S,P,M
03/23/1999	FMETL	198	8.53	ND	423	ND	9.07				V,S,P,M
05/27/1999	FMETL	576	7.67	ND	795	ND	9.42				V,S,P,M
08/11/1999	FMETL	239	8.92	ND	375	ND	9.89				V,S,P,M
11/10/1999	FMETL	163	9.54	ND	478	ND	9.70				V,S,P,M
02/16/2000	FMETL	ND	5.49	ND	48.7	ND	9.44				V,S,P,M
05/17/2000	FMETL	104	13.2	ND	845	ND	9.35				V,S,P,M
08/23/2000	FMETL	167	6.31	ND	70.9	ND	9.16				V,S,P,M
11/27/2000	FMETL	162	14.0	ND	150	ND	9.64				V,S,P,M
11/27/2000D	FMETL	112	12.9	ND	86.0	ND	9.64				V,S,P,M
02/15/2001	FMETL	89.5	7.03	ND	ND	ND	8.98				V,S,P,M
02/15/2001D	FMETL	191	7.45	ND	ND	3.00	8.98				V,S,P,M
05/24/2001	FMETL	92.5	7.77	ND	128	ND	9.06				V,S,P,M
08/22/2001	FMETL	73.5	10.4	ND	137	ND	9.38				V,S,P,M
11/16/2001	FMETL	808	7.42	ND	1440	ND	10.05				V,S,P,M
02/28/2002	FMETL	983	174	ND	1440	ND	10.33				V,S,P,M
05/31/2002	FMETL	419	14.5	3.65	312	ND	9.81				V,S,P,M
09/30/2002	FMETL	120	3.06	ND	106	ND	13.90				V,S,P,M
11/12/2002	FMETL	ND	2.35	ND	69.0	ND	12.58				V,S,P,M
02/25/2003	FMETL	115	3.86	2.64	144	1.59	10.85				V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	ND	10.38				V

SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 06/26/2003

NOTES:

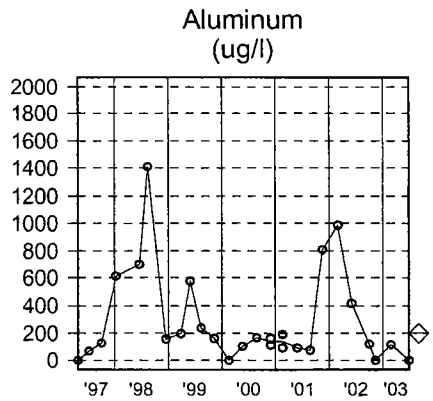
FORT MONMOUTH

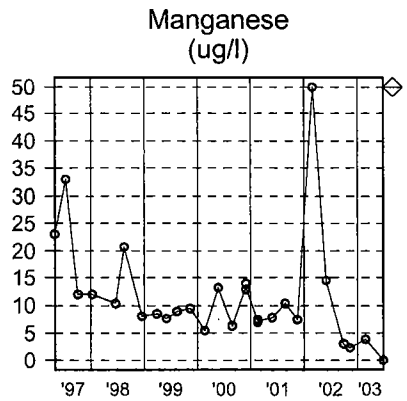
GW MONITORING
CW-1

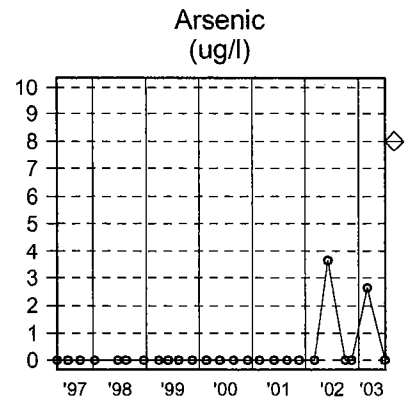
Source 1 of 18

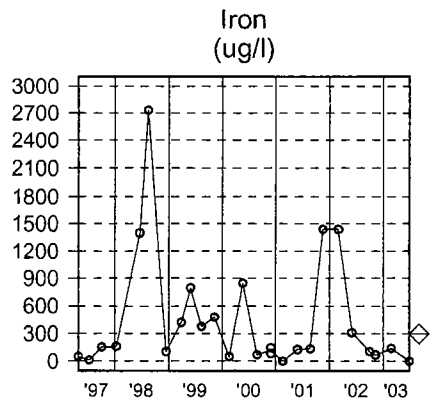
Ag > GW Criteria in blank for samples taken 7/97.

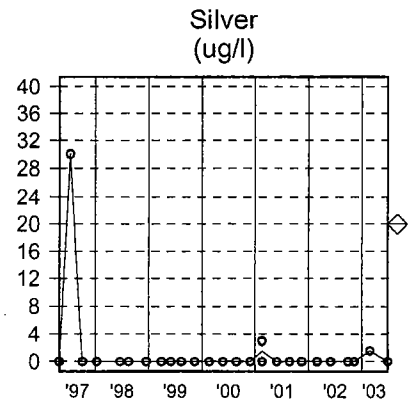
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

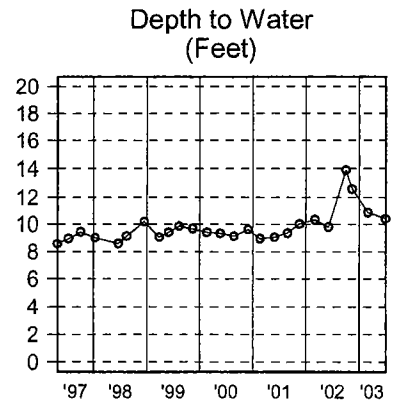












SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 06/26/2003

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.

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FORT MONMOUTH
SELFM-PW-EV

07-21-2003 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Aluminum	Manganese	Iron	1,1,1-Tri chloro ethane	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	200	50	300	30	-					-
04/23/1997	FMETL	ND	17	30	ND	8.60					V,S,P,M
07/07/1997	FMETL	90	30	30	ND	9.00					V,S,P,M
10/01/1997	FMETL	169	10	74	ND	9.50					V,S,P,M
01/06/1998	FMETL	105	10.6	62	ND	8.95					V,S,P,M
06/16/1998	FMETL	149	7.7	188	ND	8.38					V,S,P,M
08/13/1998	FMETL	1540	19.2	2050	ND	8.98					V,S,P,M
12/15/1998	FMETL	172	10.4	55.7	ND	10.13					V,S,P,M
03/23/1999	FMETL	175	11.7	236	ND	8.93					V,S,P,M
05/27/1999	FMETL	422	4.92	546	ND	9.30					V,S,P,M
08/11/1999	FMETL	95.3	5.38	66.8	ND	9.84					V,S,P,M
11/10/1999	FMETL	65.1	5.35	19.7	ND	9.66					V,S,P,M
02/16/2000	FMETL	148	10.5	401	ND	9.37					V,S,P,M
05/17/2000	FMETL	118	5.56	145	ND	9.24					V,S,P,M
08/23/2000	FMETL	166	5.44	46.0	ND	9.52					V,S,P,M
11/27/2000	FMETL	112	15.8	67.9	ND	9.58					V,S,P,M
02/15/2001	FMETL	92.8	8.00	506	ND	8.84					V,S,P,M
05/24/2001	FMETL	245	6.84	434	ND	8.89					V,S,P,M
08/22/2001	FMETL	270	7.80	511	ND	9.20					V,S,P,M
11/16/2001	FMETL	ND	9.28	45.9	3.06	10.00					V,S,P,M
02/28/2002	FMETL	863	151	1390	4.48	10.25					V,S,P,M
05/31/2002	FMETL	380	102	250	ND	9.70					V,S,P,M
09/30/2002	FMETL	715	12.5	1240	ND	13.77					V,S,P,M
11/12/2002	FMETL	46.9	7.08	33.1	ND	12.48					V,S,P,M
02/25/2003	FMETL	81.4	4.99	59.5	ND	10.52					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	10.25					V

SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 06/26/2003

NOTES:

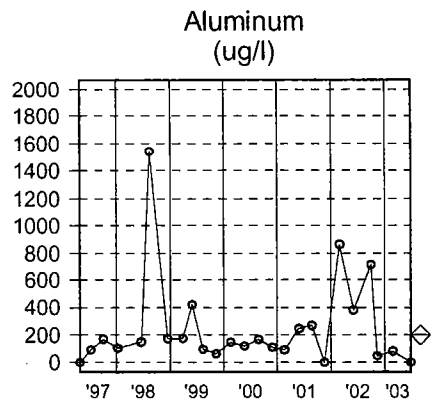
FORT MONMOUTH

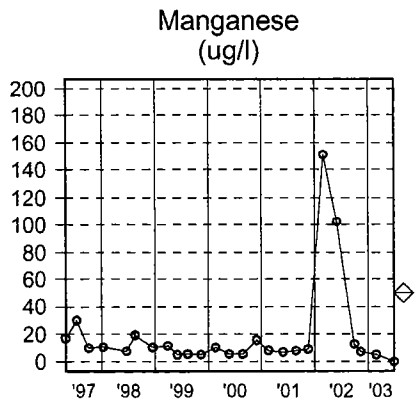
GW MONITORING
CW-1

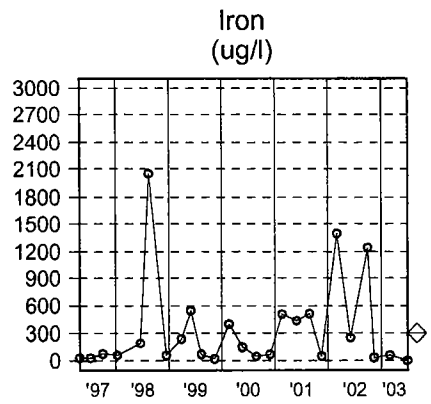
Source 2 of 18

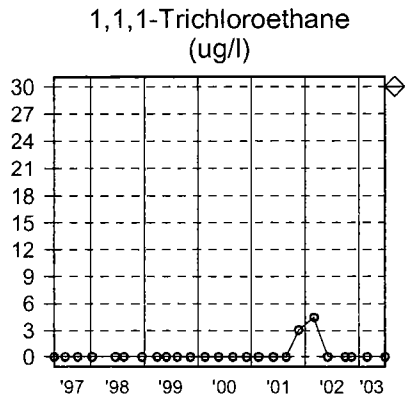
Ag > GW Criteria in blank for samples taken 7/97.

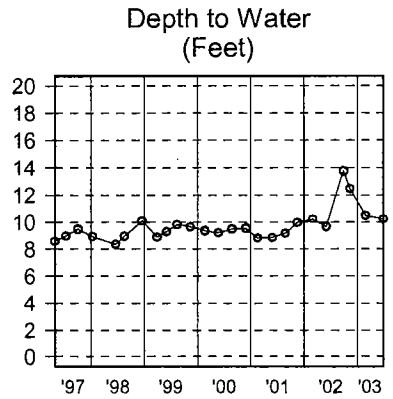
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 06/26/2003

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

07-21-2003 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	cis-1,2-Di chloro ethene	Aluminum	Manganese	Iron	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	1	10	200	50	300	-				-
04/23/1997	FMETL	ND	ND	300	30	10	9.05				V,S,P,M
07/07/1997	FMETL	ND	ND	277	67	40	9.20				V,S,P,M
10/01/1997	FMETL	59.4	ND	ND	ND	ND	9.70				V,S,P,M
01/06/1998	FMETL	27.7	ND	426	30.4	147	9.40				V,S,P,M
06/16/1998	FMETL	ND	ND	1327	14.8	1859	8.84				V,S,P,M
08/13/1998	FMETL	ND	ND	459	13.3	798	9.51				V,S,P,M
12/15/1998	FMETL	33.9	ND	641	18.9	518	10.63				V,S,P,M
03/23/1999	FMETL	7.15	ND	306	25.5	136	9.38				V,S,P,M
05/27/1999	FMETL	3.10	ND	760	20	767	9.79				V,S,P,M
08/11/1999	FMETL	297.82	1.59	503	24.5	428	10.32				V,S,P,M
11/10/1999	FMETL	174.48	25.4	448	21.9	544	10.13				V,S,P,M
02/16/2000	FMETL	103.32	4.24	506	22.7	851	9.84				V,S,P,M
05/17/2000	FMETL	8.48	ND	227	12.4	139	9.75				V,S,P,M
08/23/2000	FMETL	43.36	ND	286	7.76	84.7	9.06				V,S,P,M
11/27/2000	FMETL	70.95	ND	236	20.7	305	10.02				V,S,P,M
02/15/2001	FMETL	9.23	ND	280	17.3	120	9.31				V,S,P,M
05/24/2001	FMETL	ND	ND	462	12.1	550	9.36				V,S,P,M
08/22/2001	FMETL	3.32	ND	301	18.8	323	9.77				V,S,P,M
11/16/2001	FMETL	26.20	ND	218	12.3	339	10.49				V,S,P,M
09/30/2002	FMETL	ND	ND	-	-	-	13.62				V
06/26/2003	FMETL	ND	ND	ND	ND	ND	10.11				V

SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 06/26/2003

NOTES:

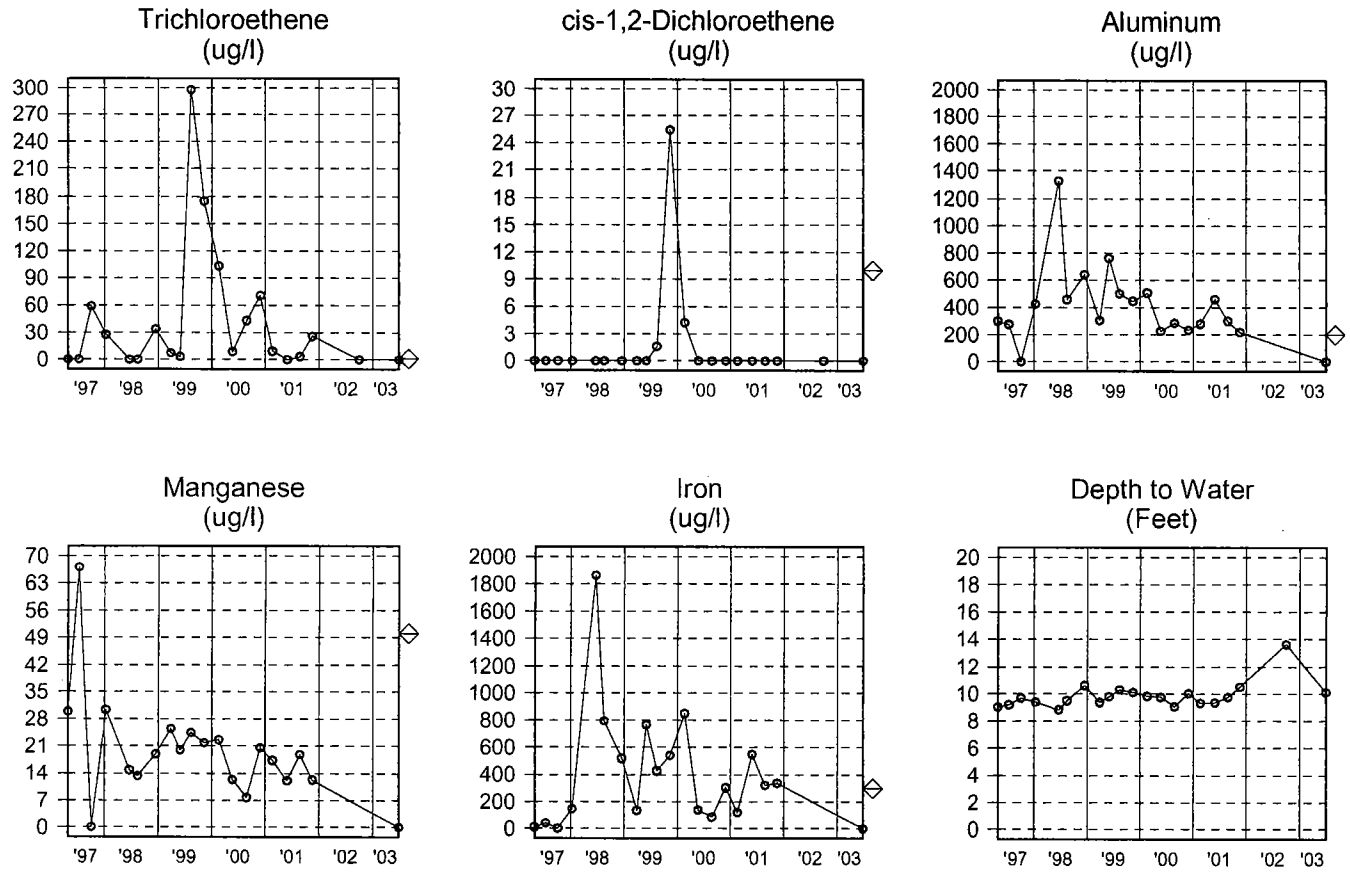
FORT MONMOUTH

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 - 06/26/2003

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.

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SELFM-PW-EV

	Lab	Aluminum	Manganese	Arsenic	Iron	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	200	50	8	300	-					-
11/27/2000	FMETL	529	23.1	ND	913	10.73					V,S,P,M
02/15/2001	FMETL	139	10.6	3.34	63.0	9.91					V,S,P,M
05/24/2001	FMETL	125	7.86	ND	211	9.89					V,S,P,M
08/22/2001	FMETL	1990	10.4	3.30	2590	10.41					V,S,P,M
11/16/2001	FMETL	52.4	9.67	ND	234	11.26					V,S,P,M
02/28/2002	FMETL	1080	169	ND	1580	11.59					V,S,P,M
05/31/2002	FMETL	233	16.0	ND	300	10.96					V,S,P,M
09/30/2002	FMETL	725	8.35	ND	1170	13.25					V,S,P,M
11/12/2002	FMETL	22.6	8.31	ND	72.4	12.27					V,S,P,M
02/25/2003	FMETL	118	17.9	2.43	91.0	10.81					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	10.11					V

SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 06/26/2003

NOTES:

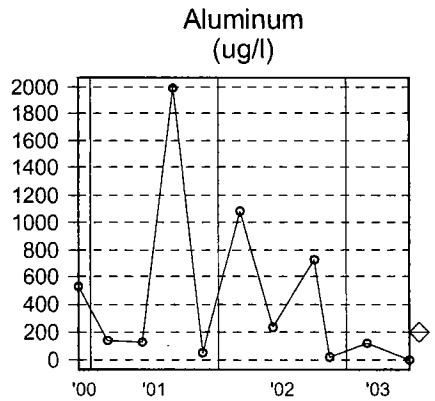
FORT MONMOUTH

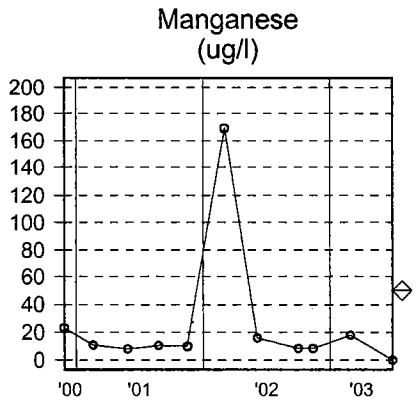
GW MONITORING
CW-1

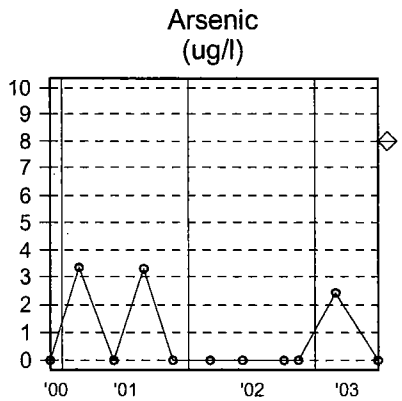
Source 8 of 18

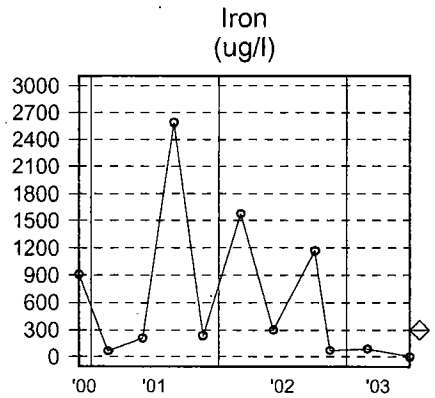
Ag > GW Criteria in blank for samples taken 7/97.

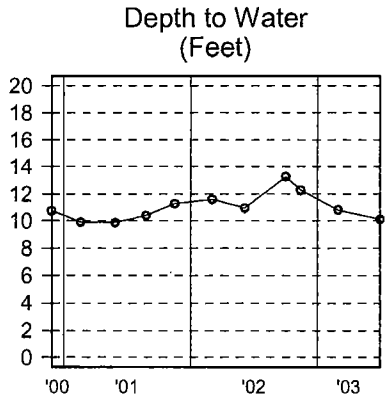
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 06/26/2003

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

07-21-2003 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	cis-1,2-Di chloro ethene	Aluminum	Manganese	Arsenic	Iron	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	1	10	200	50	8	300	-			-
11/27/2000	FMETL	139.49	1.20	1570	20.0	ND	3260	10.46			V,S,P,M
02/15/2001	FMETL	29.68	ND	1150	13.1	ND	1580	9.96			V,S,P,M
05/24/2001	FMETL	ND	ND	2690	13.5	3.84	4250	10.10			V,S,P,M
05/24/2001D	FMETL	ND	ND	2240	12.7	3.54	3540	10.10			V,S,P,M
08/22/2001	FMETL	ND	ND	1090	7.42	3.89	1350	10.31			V,S,P,M
11/16/2001	FMETL	358.39	128.72	1700	20.8	ND	2720	10.90			V,S,P,M
11/16/2001D	FMETL	472.71	175.13	1920	16.3	ND	2870	10.90			V,S,P,M
02/28/2002	FMETL	ND	ND	1150	148	ND	1630	11.09			V,S,P,M
05/31/2002	FMETL	ND	ND	1610	15.1	ND	1620	10.61			V,S,P,M
09/30/2002	FMETL	ND	ND	677	11.1	ND	468	13.68			V,S,P,M
11/12/2002	FMETL	ND	ND	497	13.1	ND	224	12.58			V,S,P,M
02/25/2003	FMETL	1.39	ND	380	11.7	ND	157	11.43			V,S,P,M
06/26/2003	FMETL	5.07	1.04	ND	ND	ND	ND	10.78			V

SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 06/26/2003

NOTES:

FORT MONMOUTH

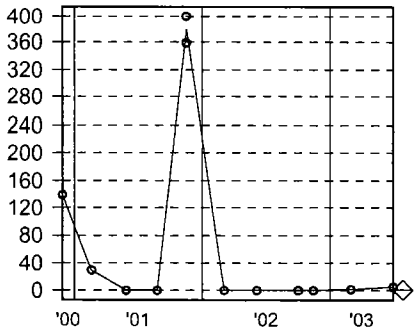
GW MONITORING
CW-1

Source 9 of 18

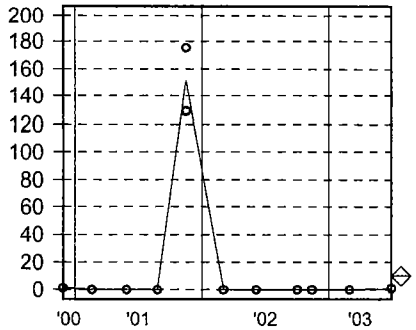
Ag > GW Criteria in blank for samples taken 7/97.

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

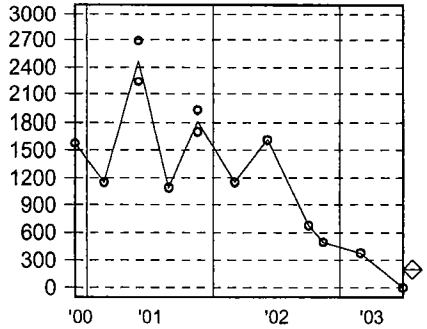
Trichloroethene
(ug/l)



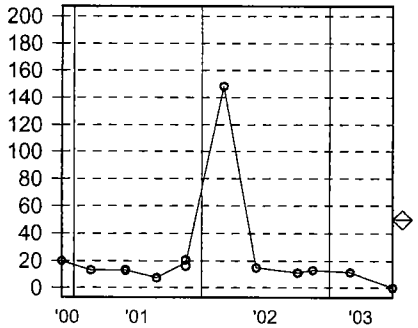
cis-1,2-Dichloroethene
(ug/l)



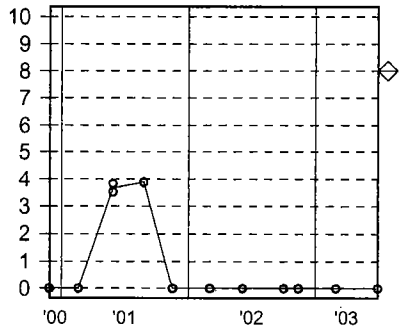
Aluminum
(ug/l)



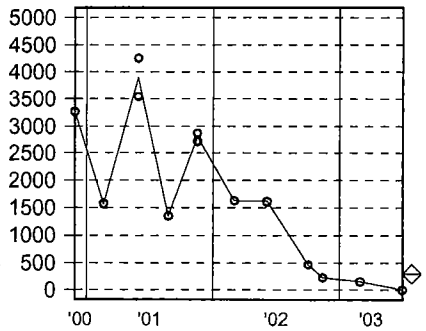
Manganese
(ug/l)



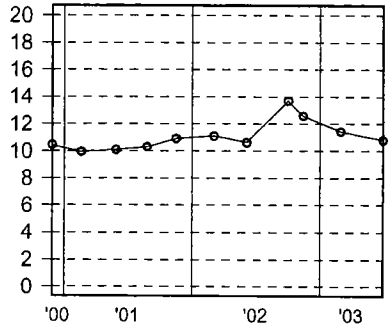
Arsenic
(ug/l)



Iron
(ug/l)



Depth to Water
(Feet)



SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 06/26/2003

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

07-21-2003 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	Aluminum	Manganese	Iron	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	200	50	300	-					-
11/27/2000	FMETL	51.33	252	9.22	451	11.65					V,S,P,M
02/15/2001	FMETL	ND	380	4.69	629	11.3					V,S,P,M
05/24/2001	FMETL	10.77	252	5.56	384	11.43					V,S,P,M
08/22/2001	FMETL	16.24	215	3.50	341	11.57					V,S,P,M
11/16/2001	FMETL	4.91	256	13.6	499	12.04					V,S,P,M
02/28/2002	FMETL	6.38	312	167	582	12.23					V,S,P,M
05/31/2002	FMETL	ND	443	25.3	1040	11.78					V,S,P,M
11/12/2002	FMETL	ND	270	31.9	66.3	12.81					V,S,P,M
02/25/2003	FMETL	ND	495	9.92	567	12.12					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	11.28					V

SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 06/26/2003

NOTES:

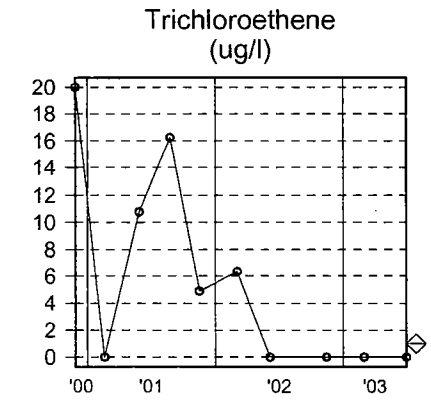
FORT MONMOUTH

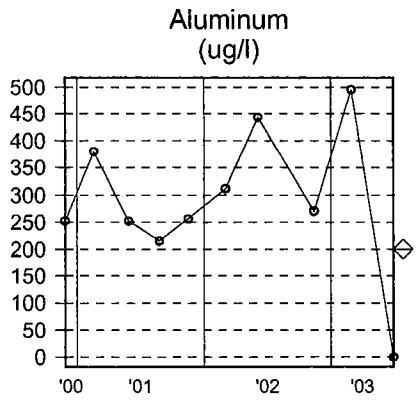
GW MONITORING
CW-1

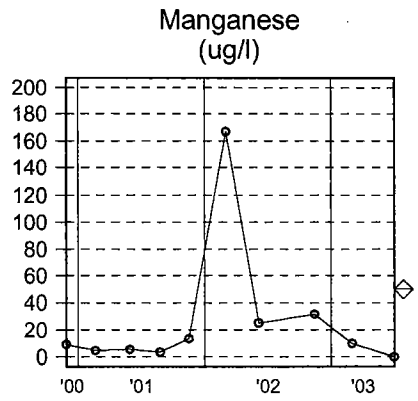
Source 10 of 18

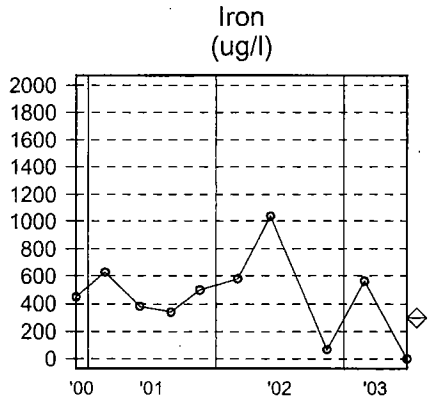
Ag > GW Criteria in blank for samples taken 7/97.

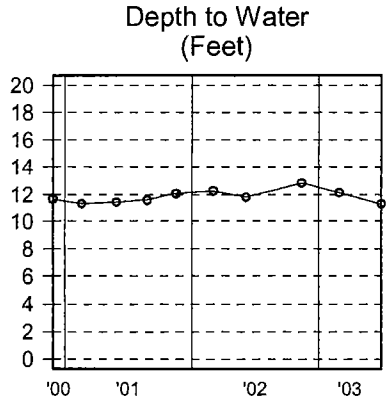
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 06/26/2003

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

07-21-2003 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Aluminum	Manganese	Iron	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	200	50	300	-						-
11/27/2000	FMETL	2500	17.8	5210	11.52						V,S,P,M
02/15/2001	FMETL	2380	15.2	4780	10.97						V,S,P,M
05/24/2001	FMETL	1320	10.7	2170	11.26						V,S,P,M
08/22/2001	FMETL	1120	9.17	854	11.46						V,S,P,M
11/16/2001	FMETL	1320	14.4	1180	12.00						V,S,P,M
02/28/2002	FMETL	1440	157	717	12.13						V,S,P,M
05/31/2002	FMETL	1110	11.6	496	11.66						V,S,P,M
09/30/2002	FMETL	4320	32.0	4980	13.61						V,S,P,M
11/12/2002	FMETL	965	31.6	424	12.66						V,S,P,M
02/25/2003	FMETL	190	12.4	139	12.11						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	10.91						V

SOURCE: CW1MW033

Sampling Dates:
11/27/2000 - 06/26/2003

NOTES:

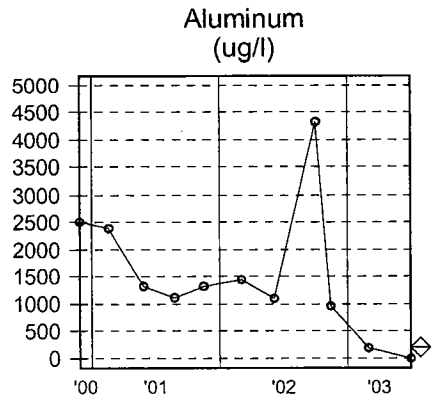
FORT MONMOUTH

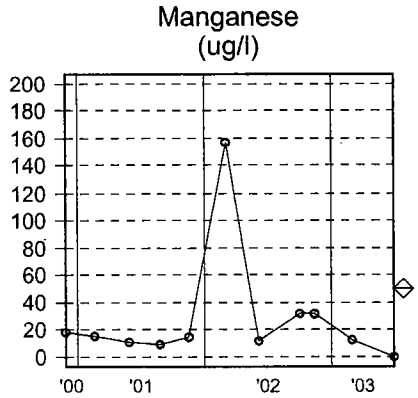
GW MONITORING
CW-1

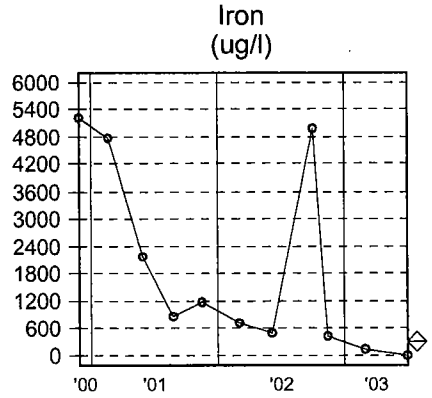
Source 11 of 18

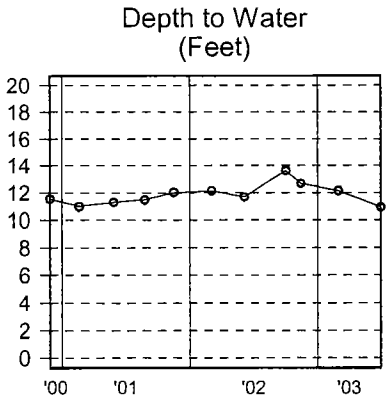
Ag > GW Criteria in blank for samples taken 7/97.

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









SOURCE: CW1MW033

Sampling Dates:
11/27/2000 - 06/26/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 11 of 18, Graph

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

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

07-21-2003 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Aluminum	Manganese	Iron	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	200	50	300	-						-
11/27/2000	FMETL	265	21.1	320	8.01						V,S,P,M
02/15/2001	FMETL	529	33.9	249	8.55						V,S,P,M
05/31/2001	FMETL	276	39.0	3730	8.72						V,S,P,M
08/24/2001	FMETL	334	21.6	414	8.83						V,S,P,M
11/16/2001	FMETL	152	23.6	413	9.20						V,S,P,M
02/28/2002	FMETL	106	164	141	9.34						V,S,P,M
05/31/2002	FMETL	173	16.8	187	9.03						V,S,P,M
09/30/2002	FMETL	332	28.8	277	10.50						V,S,P,M
11/12/2002	FMETL	89.9	18.9	148	9.34						V,S,P,M
02/25/2003	FMETL	400	14.0	753	8.71						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	8.32						V

SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 06/26/2003

NOTES:

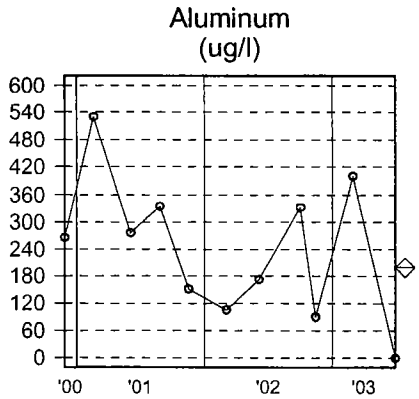
FORT MONMOUTH

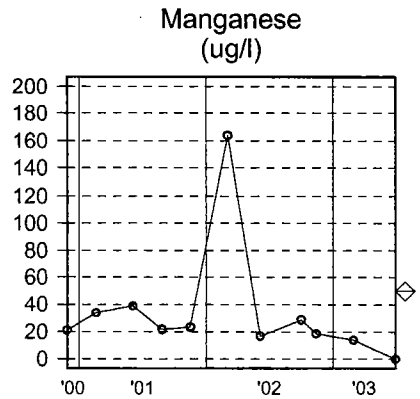
GW MONITORING
CW-1

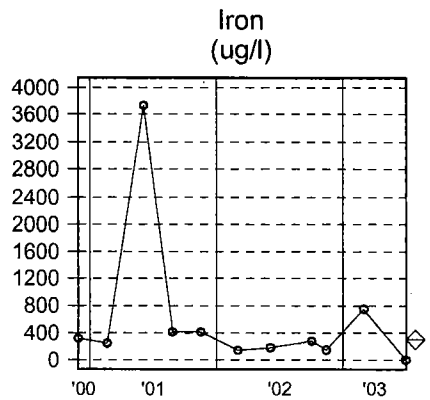
Source 12 of 18

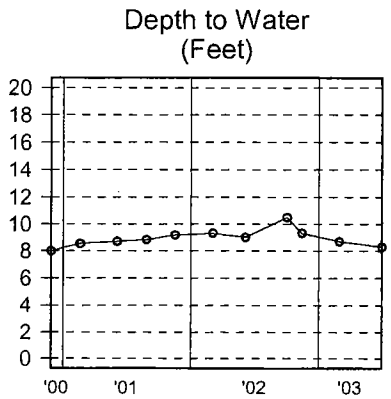
Ag > GW Criteria in blank for samples taken 7/97.

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









SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 06/26/2003

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

07-21-2003 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Aluminum	Manganese	Iron	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	200	50	300	-						-
11/28/2000	FMETL	372	18.1	729	8.55						V,S,P,M
02/15/2001	FMETL	342	17.0	196	8.41						V,S,P,M
05/31/2001	FMETL	472	18.1	549	8.45						V,S,P,M
08/24/2001	FMETL	2740	24.1	4620	8.45						V,S,P,M
11/27/2001	FMETL	281	20.2	962	8.80						V,S,P,M
02/28/2002	FMETL	732	176	1360	8.88						V,S,P,M
05/31/2002	FMETL	559	23.7	1110	8.61						V,S,P,M
09/30/2002	FMETL	306	28.9	553	9.50						V,S,P,M
11/12/2002	FMETL	634	32.0	1250	8.85						V,S,P,M
02/25/2003	FMETL	224	14.8	175	8.51						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	8.00						V

SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 06/26/2003

NOTES:

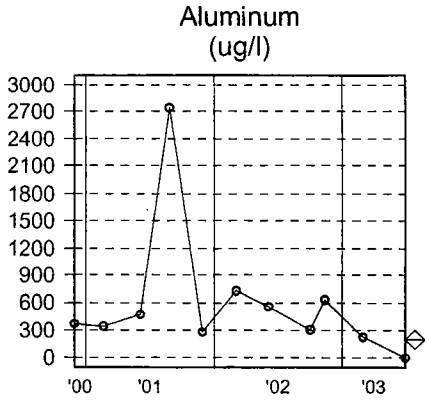
FORT MONMOUTH

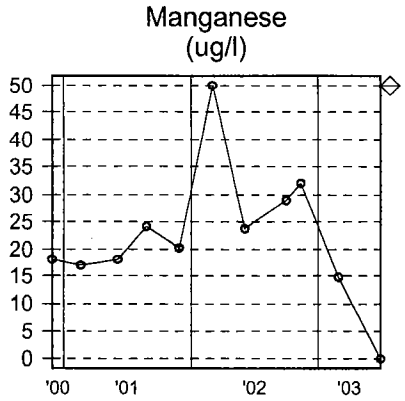
GW MONITORING
CW-1

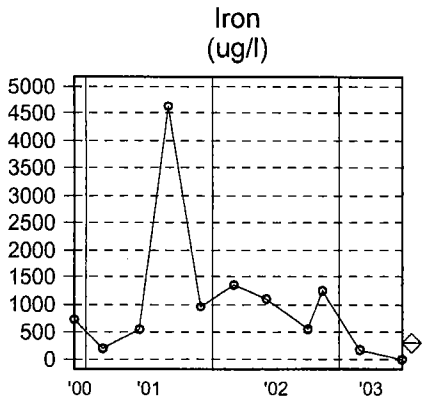
Source 13 of 18

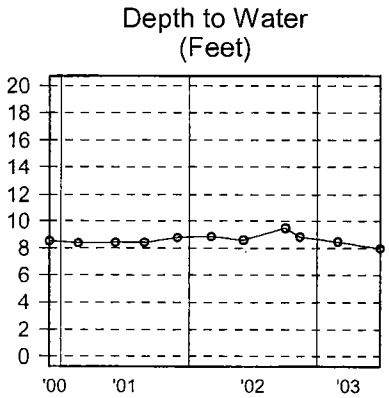
Ag > GW Criteria in blank for samples taken 7/97.

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









SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 06/26/2003

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
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SELFM-PW-EV

07-21-2003 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Aluminum	Manganese	Iron	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	200	50	300	-						-
02/15/2001	FMETL	705	26.4	1650	9.08						V,S,P,M
05/31/2001	FMETL	192	35.5	295	9.20						V,S,P,M
08/24/2001	FMETL	83.4	35.6	262	9.29						V,S,P,M
11/16/2001	FMETL	ND	80.9	155	9.66						V,S,P,M
02/28/2002	FMETL	185	194	330	9.80						V,S,P,M
05/31/2002	FMETL	1690	37.3	4050	9.49						V,S,P,M
09/30/2002	FMETL	3260	26.9	5750	10.25						V,S,P,M
11/12/2002	FMETL	1000	32.6	1100	9.62						V,S,P,M
02/25/2003	FMETL	670	11.3	946	4.03						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	8.70						V

SOURCE: CW1MW036

Sampling Dates:
02/15/2001 - 06/26/2003

NOTES:

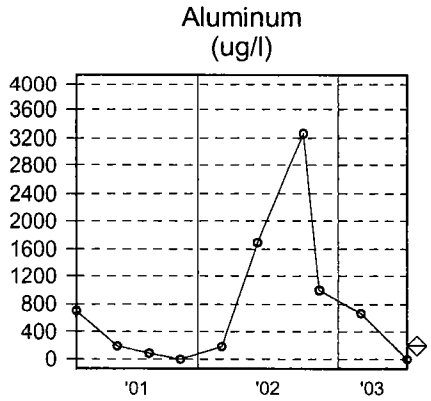
FORT MONMOUTH

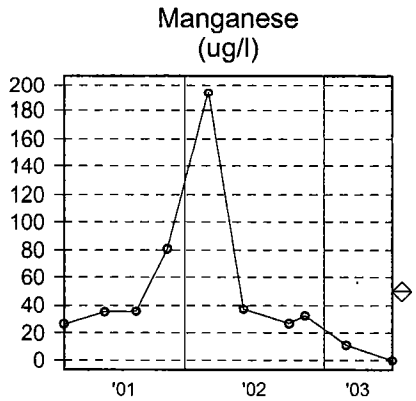
GW MONITORING
CW-1

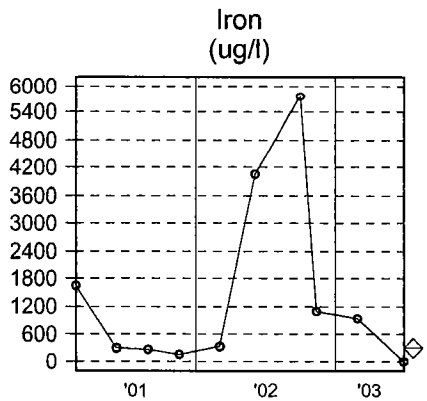
Source 14 of 18

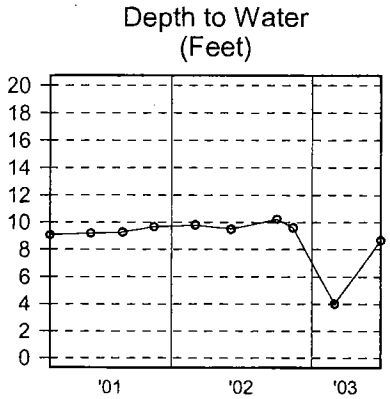
Ag > GW Criteria in blank for samples taken 7/97.

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









SOURCE: CW1MW036

Sampling Dates:
02/15/2001 - 06/26/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 14 of 18, Graph

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

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

07-21-2003 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Aluminum	Manganese	Arsenic	Iron	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	200	50	8	300	-					-
11/28/2000	FMETL	2450	291	7.29	7450	9.32					V,S,P,M
02/20/2001	FMETL	1080	297	7.67	6890	8.87					V,S,P,M
05/31/2001	FMETL	610	231	4.38	5880	9.00					V,S,P,M
08/24/2001	FMETL	1770	179	4.07	5530	9.10					V,S,P,M
11/27/2001	FMETL	3240	179	6.99	14500	9.64					V,S,P,M
02/28/2002	FMETL	4300	279	10.7	10800	9.67					V,S,P,M
05/31/2002	FMETL	2090	149	3.75	5220	9.05					V,S,P,M
09/30/2002	FMETL	969	133	ND	5690	9.97					V,S,P,M
11/12/2002	FMETL	603	135	3.19	4570	9.91					V,S,P,M
02/26/2003	FMETL	190	70.4	ND	221	9.05					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	8.27					V

SOURCE: CW1MW037

Sampling Dates:
11/28/2000 - 06/26/2003

NOTES:

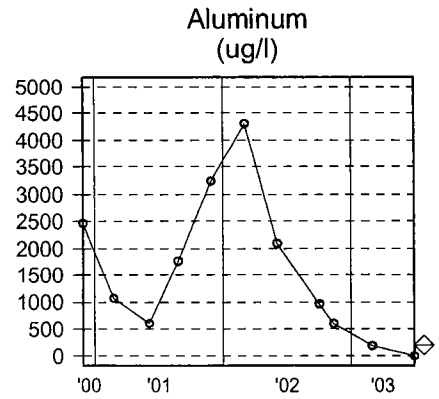
FORT MONMOUTH

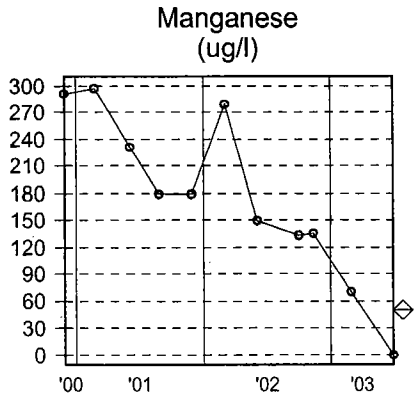
GW MONITORING
CW-1

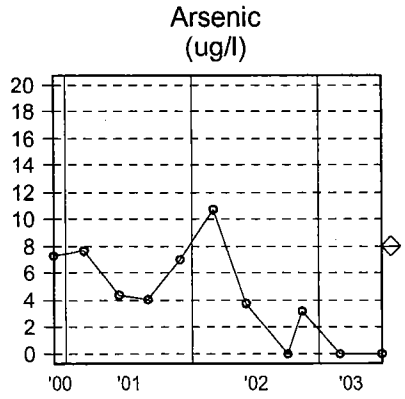
Source 15 of 18

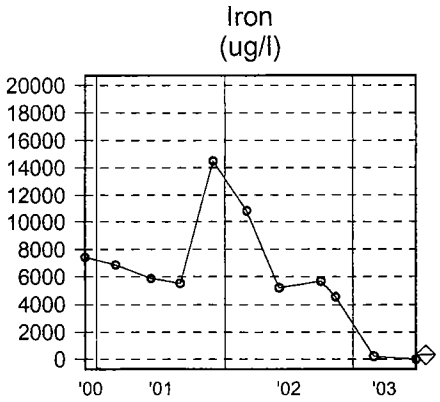
Ag > GW Criteria in blank for samples taken 7/97.

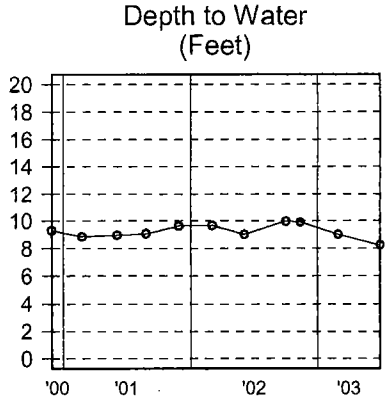
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW037

Sampling Dates:
11/28/2000 - 06/26/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 15 of 18, Graph

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

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

	Lab	Aluminum	Manganese	Arsenic	Iron	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	200	50	8	300	-					-
11/28/2000	FMETL	65.7	178	ND	30600	12.60					V,S,P,M
02/20/2001	FMETL	ND	183	4.32	32700	12.55					V,S,P,M
02/20/2001D	FMETL	ND	186	3.93	33000	12.55					V,S,P,M
05/31/2001	FMETL	31.7	198	5.20	33200	12.36					V,S,P,M
05/31/2001D	FMETL	43.1	198	3.44	34000	12.36					V,S,P,M
08/24/2001	FMETL	ND	186	2.78	30200	12.44					V,S,P,M
11/27/2001	FMETL	ND	285	3.00	31200	12.28					V,S,P,M
02/28/2002	FMETL	90.9	394	3.83	3900	13.98					V,S,P,M
05/31/2002	FMETL	146	354	4.36	26800	13.16					V,S,P,M
09/30/2002	FMETL	ND	270	ND	28800	13.83					V,S,P,M
11/14/2002	FMETL	ND	171	2.40	29300	12.31					V,S,P,M
02/26/2003	FMETL	149	262	3.54	1470	11.47					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	11.11					V

SOURCE: CW1MW038

Sampling Dates:
11/28/2000 - 06/26/2003

NOTES:

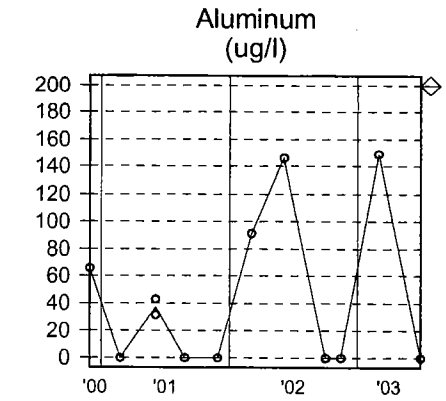
FORT MONMOUTH

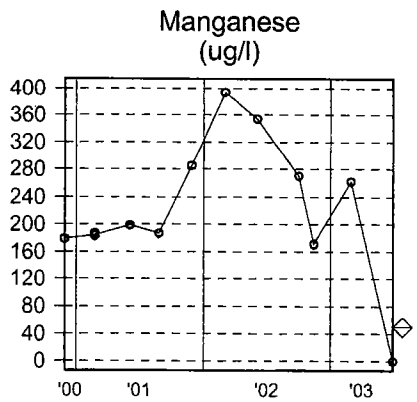
GW MONITORING
CW-1

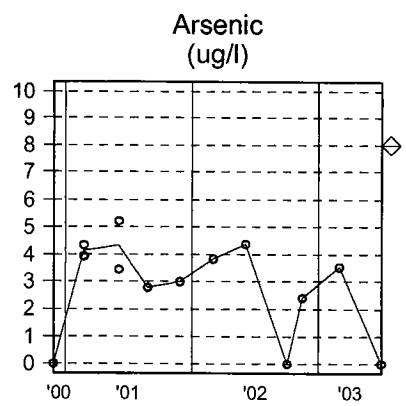
Source 16 of 18

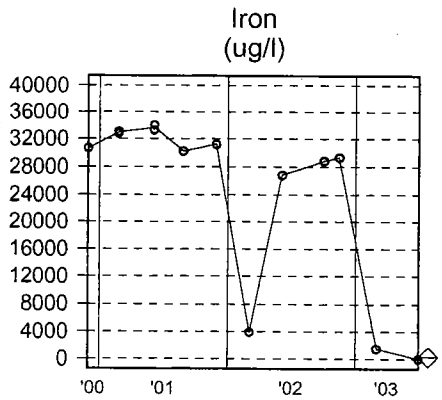
Ag > GW Criteria in blank for samples taken 7/97.

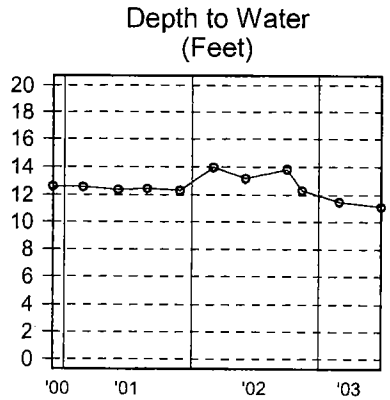
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW038

Sampling Dates:
11/28/2000 - 06/26/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 16 of 18, Graph

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

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

07-21-2003 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Aluminum	Manganese	Arsenic	Iron	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	200	50	8	300	-					-
11/28/2000	FMETL	94.1	10.5	ND	1550	12.89					V,S,P,M
11/28/2000D	FMETL	65.5	13.5	ND	1930	12.89					V,S,P,M
02/20/2001	FMETL	ND	296	8.55	56900	12.54					V,S,P,M
05/31/2001	FMETL	14.5	338	8.40	58400	12.87					V,S,P,M
08/24/2001	FMETL	96.2	333	10.1	56000	13.51					V,S,P,M
11/27/2001	FMETL	ND	344	29.9	33300	14.76					V,S,P,M
02/28/2002	FMETL	138	474	3.48	1390	14.36					V,S,P,M
05/31/2002	FMETL	18.3	351	26.9	52700	13.55					V,S,P,M
09/30/2002	FMETL	81.6	324	21.0	23300	14.22					V,S,P,M
11/14/2002	FMETL	180	276	6.01	55400	12.73					V,S,P,M
02/25/2003	FMETL	71.5	336	9.58	32400	11.48					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	11.55					V

SOURCE: CW1MW039

Sampling Dates:
11/28/2000 - 06/26/2003

NOTES:

FORT MONMOUTH

GW MONITORING
CW-1

Source 17 of 18

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

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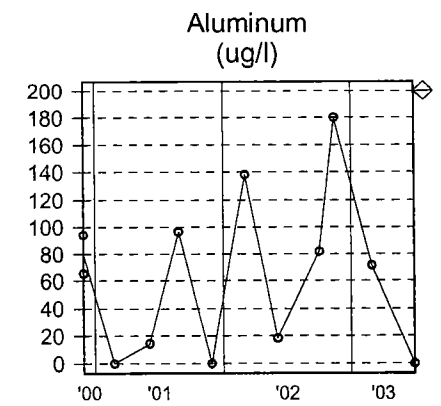
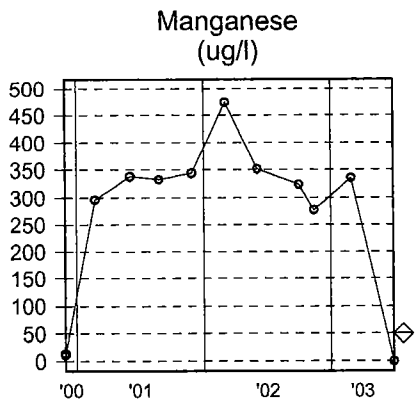
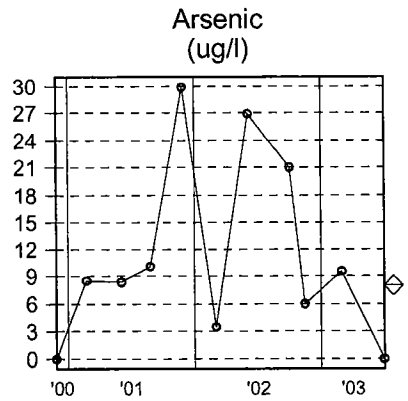
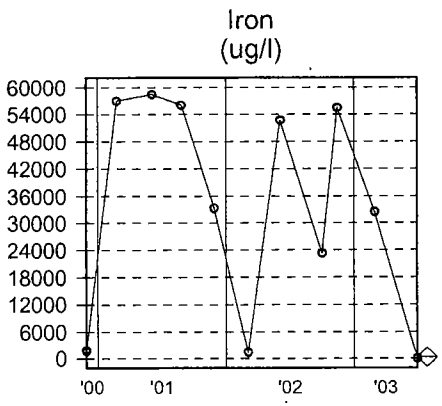
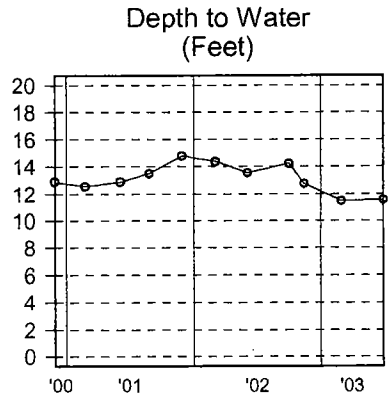
SELFM-PW-EV











SOURCE: CW1MW039

Sampling Dates:
11/28/2000 - 06/26/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 17 of 18, Graph

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

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

07-21-2003 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Aluminum	Manganese	Arsenic	Iron	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	200	50	8	300	-					-
11/28/2000	FMETL	ND	232	ND	4720	13.77					V,S,P,M
02/20/2001	FMETL	ND	219	5.87	34100	13.91					V,S,P,M
05/31/2001	FMETL	70.3	229	3.07	35200	13.37					V,S,P,M
08/24/2001	FMETL	624	230	5.83	35000	15.21					V,S,P,M
11/27/2001	FMETL	ND	189	ND	2370	15.35					V,S,P,M
02/28/2002	FMETL	ND	381	7.00	11500	15.02					V,S,P,M
05/31/2002	FMETL	12.5	246	11.4	38700	14.22					V,S,P,M
09/30/2002	FMETL	ND	215	ND	12100	14.96					V,S,P,M
11/14/2002	FMETL	6360	236	14.9	49300	13.59					V,S,P,M
02/25/2003	FMETL	41.9	236	9.63	33300	12.59					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	12.27					V

SOURCE: CW1MW040

Sampling Dates:
11/28/2000 - 06/26/2003

NOTES:

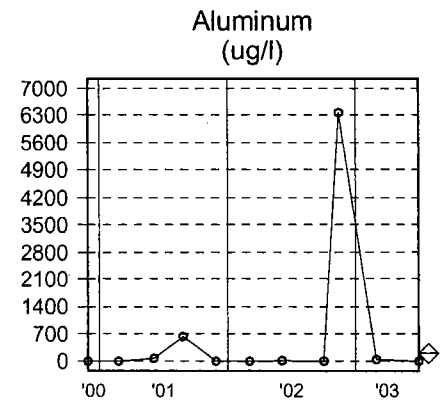
FORT MONMOUTH

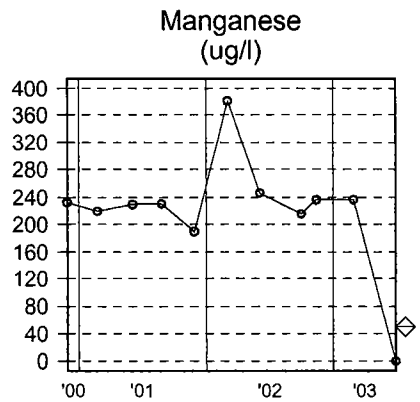
GW MONITORING
CW-1

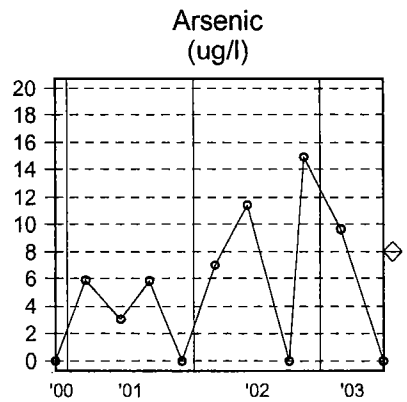
Source 18 of 18

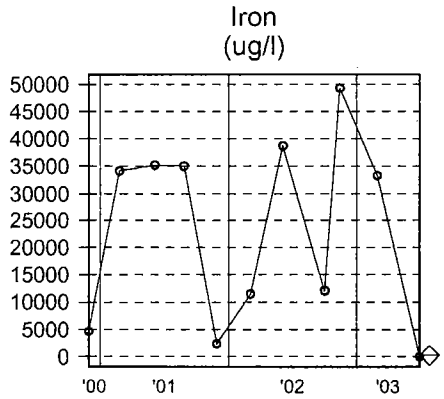
Ag > GW Criteria in blank for samples taken 7/97.

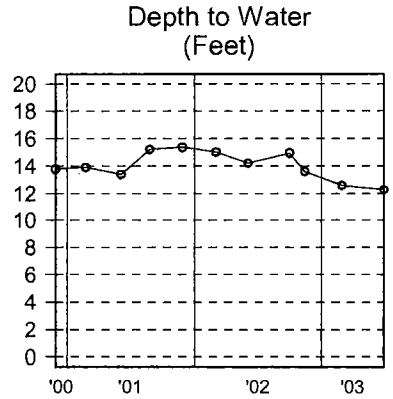
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW040

Sampling Dates:
11/28/2000 - 06/26/2003

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	Aluminum	Manganese	Iron	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	200	50	300	-					-
04/22/1997	FMETL	ND	ND	458	29600	11.10					V,S,P,M
07/09/1997	FMETL	190	51	231	36000	12.30					V,S,P,M
10/02/1997	FMETL	42	137	150	26700	12.80					V,S,P,M
01/07/1998	FMETL	10.6	28	131	24990	10.80					V,S,P,M
06/18/1998	FMETL	27.96	ND	162	28550	10.98					V,S,P,M
08/13/1998	FMETL	45	22.8	177	27600	12.57					V,S,P,M
12/15/1998	FMETL	6.1	ND	166	1600	13.87					V,S,P,M
03/23/1999	FMETL	14.87	ND	188	17700	11.25					V,S,P,M
05/27/1999	FMETL	12.08	ND	194	44000	12.07					V,S,P,M
08/11/1999	FMETL	3.29	ND	166	26300	13.75					V,S,P,M
11/10/1999	FMETL	6.19	ND	146	4100	12.75					V,S,P,M
02/16/2000	FMETL	4.67	ND	163	414	11.96					V,S,P,M
02/16/2000D	FMETL	4.83	ND	163	639	11.96					V,S,P,M
05/17/2000	FMETL	5.51	106	199	37400	12.14					V,S,P,M
05/17/2000D	FMETL	5.18	16.8	197	38100	12.14					V,S,P,M
08/23/2000	FMETL	4.06	76.4	187	34000	12.05					V,S,P,M
11/28/2000	FMETL	ND	ND	171	36700	12.32					V,S,P,M
02/20/2001	FMETL	ND	ND	159	30300	11.79					V,S,P,M
02/20/2001	FMETL	ND	ND	159	30300	11.79					V,S,P,M
05/31/2001	FMETL	ND	ND	176	31300	12.55					V,S,P,M
08/24/2001	FMETL	1.19	ND	163	29400	12.93					V,S,P,M
11/27/2001	FMETL	4.74	ND	187	9700	13.87					V,S,P,M
11/27/2001D	FMETL	5.08	ND	186	8590	13.87					V,S,P,M
02/28/2002	FMETL	13.80	ND	350	21300	13.51					V,S,P,M
05/31/2002	FMETL	25.32	34.1	211	19400	12.70					V,S,P,M
09/30/2002	FMETL	6.16	31.5	205	17400	13.38					V,S,P,M
11/14/2002	FMETL	ND	64.8	176	34000	12.03					V,S,P,M
02/25/2003	FMETL	2.30	45.2	191	275	11.00					V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	10.69					V

SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 06/26/2003

NOTES:

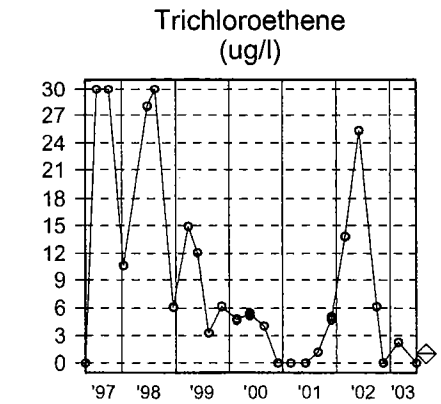
FORT MONMOUTH

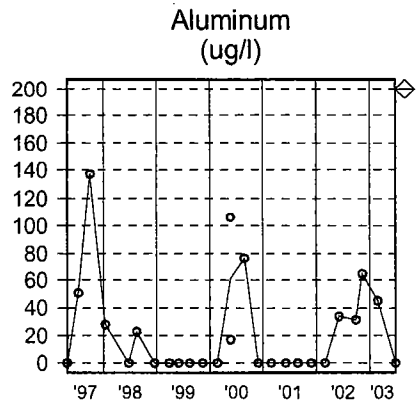
GW MONITORING
CW-1

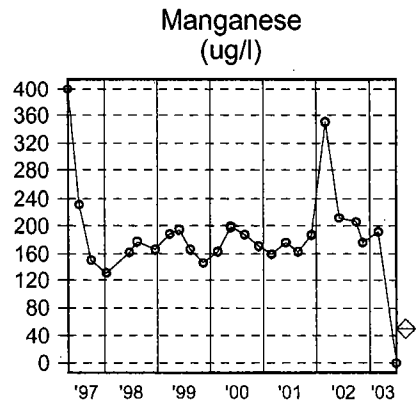
Source 5 of 18

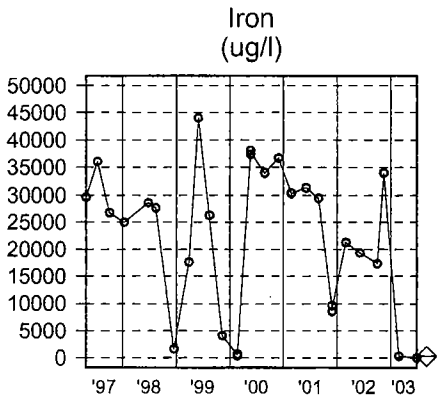
Ag > GW Criteria in blank for samples taken 7/97.

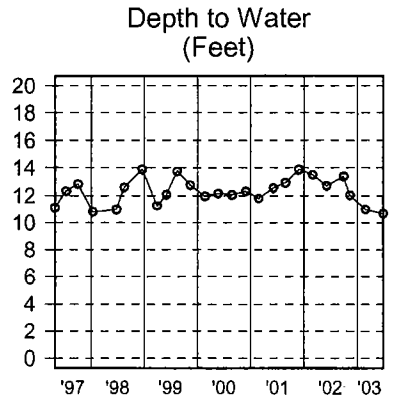
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 06/26/2003

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

07-21-2003 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Aluminum	Manganese	Iron	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	200	50	300	-						-
04/22/1997	FMETL	ND	6.0	ND	8.30						V,S,P,M
07/09/1997	FMETL	50	29	20	8.85						V,S,P,M
10/02/1997	FMETL	153	19	665	9.40						V,S,P,M
01/07/1998	FMETL	265	8.1	246	8.85						V,S,P,M
06/18/1998	FMETL	3291	10.1	1513	7.97						V,S,P,M
08/13/1998	FMETL	2250	8.49	1110	8.79						V,S,P,M
12/15/1998	FMETL	61.4	28.4	43.8	10.04						V,S,P,M
03/23/1999	FMETL	247	20.9	495	8.59						V,S,P,M
05/27/1999	FMETL	526	5.44	640	9.10						V,S,P,M
08/11/1999	FMETL	539	34.5	447	9.79						V,S,P,M
11/10/1999	FMETL	137	23.7	210	9.58						V,S,P,M
02/16/2000	FMETL	297	16.1	443	9.19						V,S,P,M
05/17/2000	FMETL	206	7.61	911	5.51						V,S,P,M
08/23/2000	FMETL	363	3.22	524	8.89						V,S,P,M
08/23/2000D	FMETL	341	2.88	186	8.89						V,S,P,M
11/27/2000	FMETL	144	16.5	124	9.34						V,S,P,M
02/20/2001	FMETL	ND	4.99	108	8.79						V,S,P,M
05/24/2001	FMETL	106	2.61	51.5	8.66						V,S,P,M
08/22/2001	FMETL	95.8	4.45	97.4	9.15						V,S,P,M
08/22/2001D	FMETL	35.6	3.83	109	9.15						V,S,P,M
11/16/2001	FMETL	113	16.2	367	9.94						V,S,P,M
02/28/2002	FMETL	176	160	241	10.17						V,S,P,M
05/31/2002	FMETL	256	13.4	349	9.65						V,S,P,M
09/30/2002	FMETL	463	16.5	358	11.50						V,S,P,M
11/12/2002	FMETL	142	25.7	171	10.58						V,S,P,M
02/25/2003	FMETL	261	15.7	96.0	9.18						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	8.58						V

SOURCE: CW1MW282

Sampling Dates:
04/22/1997 - 06/26/2003

NOTES:

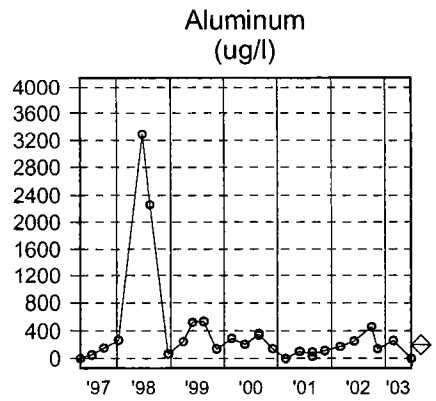
FORT MONMOUTH

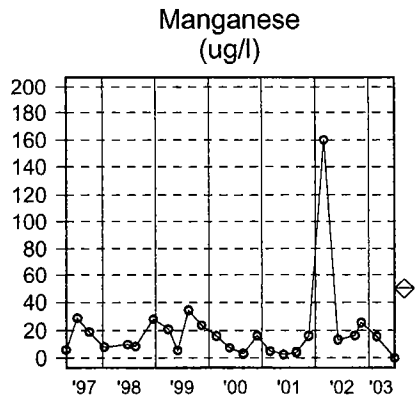
GW MONITORING
CW-1

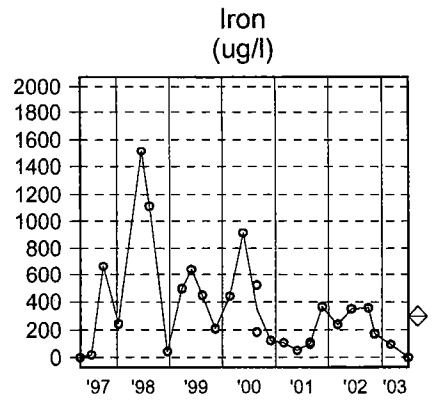
Source 6 of 18

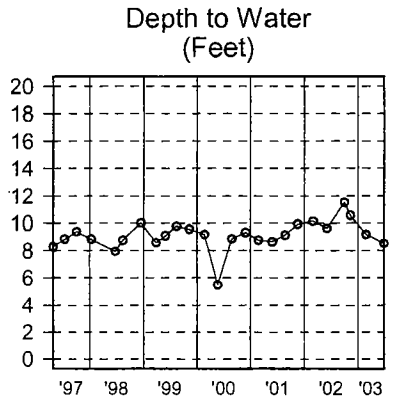
Ag > GW Criteria in blank for samples taken 7/97.

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









SOURCE: CW1MW282

Sampling Dates:
04/22/1997 - 06/26/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 6 of 18, Graph

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

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

	Lab	Aluminum	Manganese	Iron	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	200	50	300	-						-
04/22/1997	FMETL	ND	5.0	20	11.15						V,S,P,M
07/09/1997	FMETL	69	34	50	11.40						V,S,P,M
10/02/1997	FMETL	164	20	478	11.70						V,S,P,M
01/07/1998	FMETL	155	13.7	144	11.40						V,S,P,M
06/18/1998	FMETL	1538	28.5	1876	10.89						V,S,P,M
08/13/1998	FMETL	986	19.8	1280	11.39						V,S,P,M
12/15/1998	FMETL	375	14.3	176	12.21						V,S,P,M
03/23/1999	FMETL	52.7	13.8	43.7	11.28						V,S,P,M
05/27/1999	FMETL	752	8.00	907	11.54						V,S,P,M
08/11/1999	FMETL	405	16.6	132	11.97						V,S,P,M
11/10/1999	FMETL	260	11.7	135	11.79						V,S,P,M
02/16/2000	FMETL	100	8.2	52.1	11.61						V,S,P,M
05/17/2000	FMETL	146	9.81	194	11.59						V,S,P,M
08/23/2000	FMETL	721	7.59	56.7	11.33						V,S,P,M
11/27/2000	FMETL	483	10.2	516	11.69						V,S,P,M
02/20/2001	FMETL	ND	8.56	254	11.40						V,S,P,M
05/24/2001	FMETL	190	11.1	100	11.38						V,S,P,M
08/22/2001	FMETL	110	10.5	197	11.59						V,S,P,M
11/16/2001	FMETL	48.6	80.3	145	12.11						V,S,P,M
02/28/2002	FMETL	126	172	216	12.32						V,S,P,M
05/31/2002	FMETL	332	12.7	161	11.87						V,S,P,M
09/30/2002	FMETL	247	5.77	133	13.78						V,S,P,M
11/12/2002	FMETL	210	8.17	81.6	12.90						V,S,P,M
02/25/2003	FMETL	199	12.6	151	12.04						V,S,P,M
06/26/2003	FMETL	ND	ND	ND	11.35						V

SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 06/26/2003

NOTES:

FORT MONMOUTH

GW MONITORING
CW-1

Source 7 of 18

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

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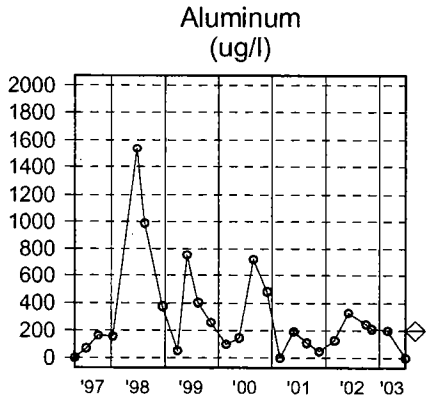
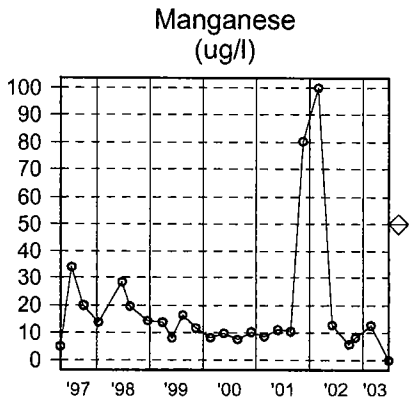
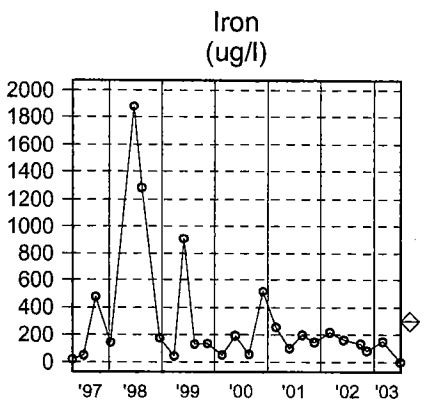
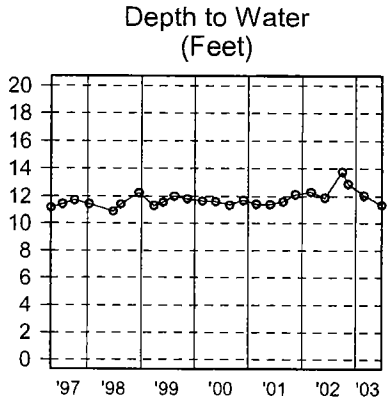
FORT MONMOUTH
SELFM-PW-EV









SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 06/26/2003

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
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SELFM-PW-EV

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APPENDIX C

GROUNDWATER SAMPLING ANALYTICAL REPORT – AUGUST 6, 2003

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: Charles Wood Courtyard Area

SAMPLE LOCATION AND IDENTIFICATION

SITE: CW-1

LABORATORY ID #	MONITOR WELL#	SAMPLE DATE
3047804	CW1MW026	08/06/03
3047805	CW1MW027	08/06/03
3047806	CW1MW028	08/06/03
3047807	CW1MW029	08/06/03
3047808	CW1MW030	08/06/03
3047809	CW1MW031	08/06/03
3047810	CW1MW032	08/06/03
3047811	CW1MW033	08/06/03
3047812	CW1MW034	08/06/03
3047813	CW1MW035	08/06/03
3047814	CW1MW036	08/06/03
3047815	CW1MW037	08/06/03
3047816	CW1MW038	08/06/03
3047817	CW1MW039	08/06/03
3047818	CW1MW040	08/06/03
3047819	CW1MW281	08/06/03
3047820	CW1MW282	08/06/03
3047821`	CW1MW291	08/06/03

NJDEP Laboratory Certification # 13461

8-20-03

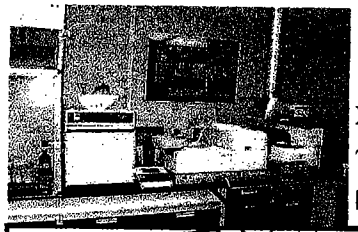
Daniel Wright/Date:
Laboratory Director

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: J. FALLON
Phone #: X26223
(X) DERA ( ) OMA ( ) Other: _____

Project No:
Location: CWI Wells
3rd Qrtr '03

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL / <4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTIS							Hau Read	Remarks / Preservation Method
30478 01	Trip	8/6/03	0726	AQ	2	✓							—	
02	Field Blank		0815		2	✓							—	
03	Dupe		—		2	✓							—	
04	CWI mw26		1159		2	✓							0.0	29-32590
05	CWI mw27		1157			✓							0.0	29-32591
06	CWI mw28		1052			✓							0.0	29-32592
07	CWI mw29 *		1054			✓							0.0	29-32593
08	CWI mw30		1136			✓							0.0	29-43188
09	CWI mw31		1120			✓							0.0	29-43189
10	CWI mw32		1113			✓							0.0	29-43190
11	CWI mw33		1126			✓							0.0	29-43191
12	CWI mw34		1441			✓							0.0	29-43192
13	CWI mw35		1417			✓							0.0	29-43193
14	CWI mw36		1407			✓							0.0	29-43194

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	8/6/03 1530	J. [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: Tide: N/A

print legibly

COC.XLS6/17/2003

Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallow
Phone #: X26223
(X)DERA ( )OMA ( )Other:

Project No:
Location: CWI wells
3rd Qrtr '03

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters

Comments: MCL/L4°C

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VOHs							Hnu Read	Remarks / Preservation Method
30478	15	CWI mw37	8/6/03	1451	AQ	~~2~~ 2	✓							0.0	29-43195
	16	CWI mw38		0859		2	✓							0.0	29-43186
	17	CWI mw39		1145		2	✓							0.0	29-43185
	18	CWI mw40		1044			✓							0.0	29-43187
	19	CWI mw281		0943			✓							0.0	29-35312
	20	CWI mw282		1057			✓							0.0	29-35313
	21	CWI mw291		1023			✓							0.0	29-35314

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	8/6/03 1530	[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: Tide: N/A

print legibly

COC.XLS7/7/2003

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW026
NJDEP ID #: 29-32590
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.88 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.01 ft
(7.01) X .65 X 3 = 13.66
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:57
pH 5.57 su — TEMP 18.91 °C
DISSOLVED O_2 3.67 mg/L — SPECIFIC CONDUCTIVITY 200 µs/cm

PURGE END TIME: 11:58
pH 5.51 su — TEMP 17.80 °C
DISSOLVED O_2 2.37 mg/L — SPECIFIC CONDUCTIVITY 181 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.05 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 11:59
pH 5.52 su — TEMP 17.82 °C
DISSOLVED O_2 2.34 mg/L — SPECIFIC CONDUCTIVITY 182 µs/cm

SAMPLE END TIME: 12:00

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW027
NJDEP ID #: 29-32591
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.62 ft
DEPTH OF WELL: 16.89 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.27 ft
(7.27) X .65 X 3 = 14.17
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:55
pH 5.53 su
TEMP 18.76 °C
DISSOLVED O_2 3.69 mg/L
SPECIFIC CONDUCTIVITY 221 µs/cm

PURGE END TIME: 11:56
pH 5.49 su
TEMP 17.91 °C
DISSOLVED O_2 2.40 mg/L
SPECIFIC CONDUCTIVITY 240 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.76 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 11:57
pH 5.50 su
TEMP 17.90 °C
DISSOLVED O_2 2.39 mg/L
SPECIFIC CONDUCTIVITY 243 µs/cm

SAMPLE END TIME: 11:58

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW028
NJDEP ID #: 29-32592
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 7.95 ft
DEPTH OF WELL: 16.93 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.98 ft
(8.98) X .65 X 3 = 17.51
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: 0.0 ppm

PURGE START TIME: 09:33
pH 5.60 su — TEMP 18.27 °C
DISSOLVED O_2 3.66 mg/L — SPECIFIC CONDUCTIVITY 263 µs/cm

PURGE END TIME: 10:51
pH 5.54 su — TEMP 17.83 °C
DISSOLVED O_2 2.21 mg/L — SPECIFIC CONDUCTIVITY 270 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.93 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 18 gal

SAMPLE START TIME: 10:52
pH 5.53 su — TEMP 17.86 °C
DISSOLVED O_2 2.22 mg/L — SPECIFIC CONDUCTIVITY 269 µs/cm

SAMPLE END TIME: 10:53

COMMENTS: Turn off to purge sample.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW029
NJDEP ID #: 29-32593
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 7.55 ft
DEPTH OF WELL: 16.87 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.32 ft
(9.32) X .65 X 3 = 18.17
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: 0.0 ppm

PURGE START TIME: 09:35
pH 5.50 su — TEMP 18.76 °C
DISSOLVED O_2 3.81 mg/L — SPECIFIC CONDUCTIVITY 200 µs/cm

PURGE END TIME: 10:53
pH 5.53 su — TEMP 17.90 °C
DISSOLVED O_2 2.29 mg/L — SPECIFIC CONDUCTIVITY 227 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.93 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 18 gal

SAMPLE START TIME: 10:54
pH 5.54 su — TEMP 17.92 °C
DISSOLVED O_2 2.30 mg/L — SPECIFIC CONDUCTIVITY 226 µs/cm

SAMPLE END TIME: 10:55

COMMENTS: DUP. Here. Turned off to purge sample.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW030
NJDEP ID #: 29-43188
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.52 ft
DEPTH OF WELL: 21.45 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.93 ft
(11.93) X .65 X 3 = 23.26
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:55
pH 6.11 su — TEMP 17.97 °C
DISSOLVED O_2 5.07 mg/L — SPECIFIC CONDUCTIVITY 176 µs/cm

PURGE END TIME: 11:35
pH 5.97 su — TEMP 16.80 °C
DISSOLVED O_2 3.11 mg/L — SPECIFIC CONDUCTIVITY 180 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.60 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 11:36
pH 5.98 su — TEMP 16.79 °C
DISSOLVED O_2 3.10 mg/L — SPECIFIC CONDUCTIVITY 180 µs/cm

SAMPLE END TIME: 11:37

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW031
NJDEP ID #: 29-43189
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 10.75 ft
DEPTH OF WELL: 21.73 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: 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: 09:48
pH 6.09 su — TEMP 17.81 °C
DISSOLVED O_2 4.71 mg/L — SPECIFIC CONDUCTIVITY 220 µs/cm

PURGE END TIME: 11:19
pH 6.04 su — TEMP 17.67 °C
DISSOLVED O_2 3.00 mg/L — SPECIFIC CONDUCTIVITY 231 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.80 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 11:20
pH 6.03 su — TEMP 17.68 °C
DISSOLVED O_2 2.97 mg/L — SPECIFIC CONDUCTIVITY 230 µs/cm

SAMPLE END TIME: 11:21

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW032
NJDEP ID #: 29-43190
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.75 ft
DEPTH OF WELL: 21.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.05 ft
(10.05) X .65 X 3 = 19.59
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:45
pH 5.71 su
DISSOLVED O_2 4.17 mg/L
TEMP 17.93 °C
SPECIFIC CONDUCTIVITY 278 µs/cm

PURGE END TIME: 11:12
pH 5.63 su
DISSOLVED O_2 2.90 mg/L
TEMP 17.63 °C
SPECIFIC CONDUCTIVITY 276 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.89 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 11:13
pH 5.63 su
DISSOLVED O_2 2.87 mg/L
TEMP 17.65 °C
SPECIFIC CONDUCTIVITY 277 µs/cm

SAMPLE END TIME: 11:14

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW033
NJDEP ID #: 29-43191
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.69 ft
DEPTH OF WELL: 23.00 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.31 ft
(11.31) X .65 X 3 = 22.05
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: 09:50
pH 6.00 su — TEMP 18.97 °C
DISSOLVED O_2 4.07 mg/L — SPECIFIC CONDUCTIVITY 291 µs/cm

PURGE END TIME: 11:25
pH 5.71 su — TEMP 18.40 °C
DISSOLVED O_2 2.27 mg/L — SPECIFIC CONDUCTIVITY 302 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.86 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 11:26
pH 5.72 su — TEMP 18.42 °C
DISSOLVED O_2 2.21 mg/L — SPECIFIC CONDUCTIVITY 300 µs/cm

SAMPLE END TIME: 11:27

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW034
NJDEP ID #: 29-43192
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.74 ft
DEPTH OF WELL: 19.46 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.72 ft
(10.72) X .65 X 3 =20.90
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:09
pH 5.97 su
TEMP 19.20 °C
DISSOLVED O_2 4.20 mg/L
SPECIFIC CONDUCTIVITY 201 µs/cm

PURGE END TIME: 14:40
pH 5.61 su
TEMP 18.50 °C
DISSOLVED O_2 3.11 mg/L
SPECIFIC CONDUCTIVITY 189 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.26 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 14:41
pH 5.00 su
TEMP 18.51 °C
DISSOLVED O_2 3.07 mg/L
SPECIFIC CONDUCTIVITY 188 µs/cm

SAMPLE END TIME: 14:42

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW035
NJDEP ID #: 29-43193
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.37 ft
DEPTH OF WELL: 16.48 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.11 ft
(8.11) X .65 X 3 =15.81
GALLONS OF H_2O TO BE PURGED: 16 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:07
pH 5.60 su
TEMP 19.76 °C
DISSOLVED O_2 2.71 mg/L
SPECIFIC CONDUCTIVITY 371 µs/cm

PURGE END TIME: 14:16
pH 5.41 su
TEMP 18.60 °C
DISSOLVED O_2 1.11 mg/L
SPECIFIC CONDUCTIVITY 310 µs/cm

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

SAMPLE START TIME: 14:17
pH 5.40 su
TEMP 18.61 °C
DISSOLVED O_2 1.07 mg/L
SPECIFIC CONDUCTIVITY 308 µs/cm

SAMPLE END TIME: 14:18

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW036
NJDEP ID #: 29-43194
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.15 ft
DEPTH OF WELL: 16.28 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.13 ft
(7.13) X .65 X 3 = 13.90
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:05
pH 5.51 su
TEMP 18.76 °C
DISSOLVED O_2 3.07 mg/L
SPECIFIC CONDUCTIVITY 207 ms/cm

PURGE END TIME: 14:06
pH 5.39 su
TEMP 18.31 °C
DISSOLVED O_2 2.00 mg/L
SPECIFIC CONDUCTIVITY 213 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.77 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 14:07
pH 5.40 su
TEMP 18.30 °C
DISSOLVED O_2 1.98 mg/L
SPECIFIC CONDUCTIVITY 211 ms/cm

SAMPLE END TIME: 14:08

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW037
NJDEP ID #: 29-43195
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.75 ft
DEPTH OF WELL: 13.21 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 4.46 ft
(4.46) X .65 X 3 = 8.69
GALLONS OF H_2O TO BE PURGED: 9 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: 14:11
pH 6.12 su — TEMP 18.97 °C
DISSOLVED O_2 3.17 mg/L — SPECIFIC CONDUCTIVITY 381 µs/cm

PURGE END TIME: 14:50
pH 5.91 su — TEMP 18.61 °C
DISSOLVED O_2 2.27 mg/L — SPECIFIC CONDUCTIVITY 361 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.40 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 9 gal

SAMPLE START TIME: 14:51
pH 5.92 su — TEMP 18.62 °C
DISSOLVED O_2 2.25 mg/L — SPECIFIC CONDUCTIVITY 362 µs/cm

SAMPLE END TIME: 14:52

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW038
NJDEP ID #: 29-43186
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.95 ft
DEPTH OF WELL: 51.75 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 39.80 ft
(39.80) X .65 X 3 =77.01
GALLONS OF H_2O TO BE PURGED: 78 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 2.04 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:20
pH 5.89 su — TEMP 18.76 °C
DISSOLVED O_2 3.71 mg/L — SPECIFIC CONDUCTIVITY 274 µs/cm

PURGE END TIME: 08:58
pH 5.79 su — TEMP 17.41 °C
DISSOLVED O_2 2.30 mg/L — SPECIFIC CONDUCTIVITY 310 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.72 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 78 gal

SAMPLE START TIME: 08:59
pH 5.80 su — TEMP 17.40 °C
DISSOLVED O_2 2.28 mg/L — SPECIFIC CONDUCTIVITY 317 µs/cm

SAMPLE END TIME: 09:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW039
NJDEP ID #: 29-43185
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 12.35 ft
DEPTH OF WELL: 49.69 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 37.34 ft
(37.34) X .65 X 3 =72.81
GALLONS OF H_2O TO BE PURGED: 73 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 2.00 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:07
pH 6.10 su
TEMP 18.29 °C
DISSOLVED O_2 3.11 mg/L
SPECIFIC CONDUCTIVITY 671 µs/cm

PURGE END TIME: 11:44
pH 6.07 su
TEMP 17.63 °C
DISSOLVED O_2 2.09 mg/L
SPECIFIC CONDUCTIVITY 680 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 15.71 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 73 gal

SAMPLE START TIME: 11:45
pH 6.07 su
TEMP 17.64 °C
DISSOLVED O_2 2.00 mg/L
SPECIFIC CONDUCTIVITY 680 µs/cm

SAMPLE END TIME: 11:46

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW040
NJDEP ID #: 29-43187
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 13.06 ft
DEPTH OF WELL: 48.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 35.44 ft
(35.44) X .65 X 3 = 69.10
GALLONS OF H_2O TO BE PURGED: 69 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 1.81 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:05
pH 5.69 su — TEMP 18.70 °C
DISSOLVED O_2 2.79 mg/L — SPECIFIC CONDUCTIVITY 651 µs/cm

PURGE END TIME: 10:43
pH 5.41 su — TEMP 17.64 °C
DISSOLVED O_2 1.79 mg/L — SPECIFIC CONDUCTIVITY 627 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 15.80 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 69 gal

SAMPLE START TIME: 10:44
pH 5.40 su — TEMP 17.63 °C
DISSOLVED O_2 1.80 mg/L — SPECIFIC CONDUCTIVITY 628 µs/cm

SAMPLE END TIME: 10:45

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW281
NJDEP ID #: 29-35312
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.50 ft
DEPTH OF WELL: 43.20 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 31.70 ft
(31.70) X .65 X 3 =61.81
GALLONS OF H_2O TO BE PURGED: 62 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) SUBMERSIBLE 2"
PURGE RATE: 1.69 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:05
pH 6.10 su
DISSOLVED O_2 3.40 mg/L
TEMP 18.30 °C
SPECIFIC CONDUCTIVITY 291 µs/cm

PURGE END TIME: 09:42
pH 5.92 su
DISSOLVED O_2 2.60 mg/L
TEMP 17.80 °C
SPECIFIC CONDUCTIVITY 321 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.89 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 62 gal

SAMPLE START TIME: 09:43
pH 5.90 su
DISSOLVED O_2 2.58 mg/L
TEMP 17.80 °C
SPECIFIC CONDUCTIVITY 320 µs/cm

SAMPLE END TIME: 09:44

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: CW1
MW#: CW1MW282
NJDEP ID #: 29-35313
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.11 ft
DEPTH OF WELL: 17.95 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.84 ft
(8.84) X .65 X 3 = 17.33
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: 09:40
pH 5.97 su — TEMP 18.76 °C
DISSOLVED O_2 3.67 mg/L — SPECIFIC CONDUCTIVITY 124 µs/cm

PURGE END TIME: 10:54
pH 5.89 su — TEMP 18.27 °C
DISSOLVED O_2 2.44 mg/L — SPECIFIC CONDUCTIVITY 111 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.66 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 10:57
pH 5.90 su — TEMP 18.26 °C
DISSOLVED O_2 2.40 mg/L — SPECIFIC CONDUCTIVITY 112 µs/cm

SAMPLE END TIME: 10:58

COMMENTS: Low draw down.

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: 08/06/03
WEATHER: Sunny and hot.
TIDE: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.77 ft
DEPTH OF WELL: 18.18 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.41 ft
(6.41) X .65 X 3 =12.49
GALLONS OF H_2O TO BE PURGED: 12 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:30
pH 5.63 su — TEMP 18.30 °C
DISSOLVED O_2 3.14 mg/L — SPECIFIC CONDUCTIVITY 217 µs/cm

PURGE END TIME: 10:22
pH 5.76 su — TEMP 17.95 °C
DISSOLVED O_2 2.01 mg/L — SPECIFIC CONDUCTIVITY 180 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.71 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 12 gal

SAMPLE START TIME: 10:23
pH 5.78 su — TEMP 17.96 °C
DISSOLVED O_2 2.00 mg/L — SPECIFIC CONDUCTIVITY 181 µs/cm

SAMPLE END TIME: 10:24

COMMENTS:

LTM Depth to Water

Location: CW1
Date: 06/26/03

Well	NJDEP Well ID	Depth of Well Feet	Well Diameter Inch	Depth to Water Feet
CW1MW026	29-32590	16.89	4	9.88
CW1MW027	29-32591	16.89	4	9.62
CW1MW028	29-32592	16.93	4	7.95
CW1MW029	29-32593	16.87	4	7.55
CW1MW281	29-35312	43.2	4	11.5
CW1MW282	29-35313	17.95	4	9.11
CW1MW291	29-35314	18.18	4	11.77
CW1MW030	29-43188	21.45	4	9.52
CW1MW031	29-43189	21.73	4	10.75
CW1MW032	29-43190	21.8	4	11.75
CW1MW033	29-43191	23	4	11.69
CW1MW034	29-43192	19.46	4	8.74
CW1MW035	29-43193	16.48	4	8.37
CW1MW036	29-43194	16.28	4	9.15
CW1MW037	29-43195	13.21	4	8.75
CW1MW038	29-43186	51.75	4	11.95
CW1MW039	29-43185	49.69	4	12.35
CW1MW040	29-43187	48.5	4	13.06

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

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

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

Data File	**VB014100.D**	Sample Name	**MB 13Aug03**
Operator	**Skelton**	Field ID	**MB 13Aug03**
Date Acquired	**13 Aug 2003 3:58 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 13Aug03

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 13Aug03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014100.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/13/2003

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	**VB014116.D**	Sample Name	**3047801**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**14 Aug 2003 1:39 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.16	72281	1.29 ug/L	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047801

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014116.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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	**VB014117.D**	Sample Name	**3047802**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**14 Aug 2003 2:15 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.16	71026	1.28 ug/L	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047802

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014117.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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	**VB014118.D**	Sample Name	**3047803**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**14 Aug 2003 2:51 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047803

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014118.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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	**VB014119.D**	Sample Name	**3047804**
Operator	**Skelton**	Field ID	**CW1MW26**
Date Acquired	**14 Aug 2003 3:27 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW26

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047804

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014119.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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	**VB014120.D**	Sample Name	**3047805**
Operator	**Skelton**	Field ID	**CW1MW27**
Date Acquired	**14 Aug 2003 4:03 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane	16.64	49620	1.11 ug/L	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW27

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047805

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014120.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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	**VB014121.D**	Sample Name	**3047806**
Operator	**Skelton**	Field ID	**CW1MW28**
Date Acquired	**14 Aug 2003 4:39 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.69	31811	1.18 ug/L	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW28

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047806

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014121.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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	**VB014122.D**	Sample Name	**3047807**
Operator	**Skelton**	Field ID	**CW1MW29**
Date Acquired	**14 Aug 2003 5:14 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW29

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047807

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014122.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. _____ Date Analyzed: 8/14/2003

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	**VB014123.D**	Sample Name	**3047808**
Operator	**Skelton**	Field ID	**CW1MW30**
Date Acquired	**14 Aug 2003 5:50 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW30

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047808

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014123.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. _____ Date Analyzed: 8/14/2003

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	**VB014124.D**	Sample Name	**3047809**
Operator	**Skelton**	Field ID	**CW1MW31**
Date Acquired	**14 Aug 2003 6:27 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW31

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047809

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014124.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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	**VB014125.D**	Sample Name	**3047810**
Operator	**Skelton**	Field ID	**CW1MW32**
Date Acquired	**14 Aug 2003 7:02 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW32

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047810

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014125.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. _____ Date Analyzed: 8/14/2003

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	VB014126.D	Sample Name	3047811
Operator	Skelton	Field ID	CW1MW33
Date Acquired	14 Aug 2003 7:38 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW33

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047811

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014126.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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

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

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

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 001066-40-6	Silanol, trimethyl-	16.13	5	JN

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

Data File	**VB014127.D**	Sample Name	**3047812**
Operator	**Skelton**	Field ID	**CW1MW34**
Date Acquired	**14 Aug 2003 8:14 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW34

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047812

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014127.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. _____ Date Analyzed: 8/14/2003

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	**VB014128.D**	Sample Name	**3047813**
Operator	**Skelton**	Field ID	**CW1MW35**
Date Acquired	**14 Aug 2003 8:50 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW35

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047813

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014128.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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	**VB014129.D**	Sample Name	**3047814**
Operator	**Skelton**	Field ID	**CW1MW36**
Date Acquired	**14 Aug 2003 9:26 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW36

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047814

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014129.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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	**VB014130.D**	Sample Name	**3047815**
Operator	**Skelton**	Field ID	**CW1MW37**
Date Acquired	**14 Aug 2003 10:03 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW37

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047815

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014130.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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	**VB014131.D**	Sample Name	**3047816**
Operator	**Skelton**	Field ID	**CW1MW38**
Date Acquired	**14 Aug 2003 10:39 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW38

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047816

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014131.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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	**VB014132.D**	Sample Name	**3047817**
Operator	**Skelton**	Field ID	**CW1MW39**
Date Acquired	**14 Aug 2003 11:15 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW39

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047817

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014132.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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	**VB014133.D**	Sample Name	**3047818**
Operator	**Skelton**	Field ID	**CW1MW40**
Date Acquired	**14 Aug 2003 11:52 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW40

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047818

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014133.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. _____ Date Analyzed: 8/14/2003

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	**VB014134.D**	Sample Name	**3047819**
Operator	**Skelton**	Field ID	**CW1MW281**
Date Acquired	**14 Aug 2003 12:28 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.69	39888	1.74 ug/L	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW281

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047819

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014134.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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	**VB014135.D**	Sample Name	**3047820**
Operator	**Skelton**	Field ID	**CW1MW282**
Date Acquired	**14 Aug 2003 1:05 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW282

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047820

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014135.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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

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

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

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 001066-40-6	Silanol, trimethyl-	16.13	3	JN

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

Data File	**VB014136.D**	Sample Name	**3047821**
Operator	**Skelton**	Field ID	**CW1MW291**
Date Acquired	**14 Aug 2003 1:41 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

CW1MW291

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30478 Location: CW1 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3047821

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014136.D

Level: (low/med) LOW Date Received: 8/6/2003

% Moisture: not dec. Date Analyzed: 8/14/2003

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	Aluminum	Manganese	Arsenic	Iron	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	200	50	8	300	-					-
04/23/1997	FMETL	ND	23	ND	50	8.60					V,S,P,M
07/07/1997	FMETL	67	33	ND	10	8.98					V,S,P,M
10/01/1997	FMETL	127	12	ND	153	9.45					V,S,P,M
01/06/1998	FMETL	614	12	ND	159	9.05					V,S,P,M
06/16/1998	FMETL	700	10.4	ND	1400	8.61					V,S,P,M
08/13/1998	FMETL	1410	20.7	ND	2730	9.16					V,S,P,M
12/15/1998	FMETL	158	8.11	ND	105	10.18					V,S,P,M
03/23/1999	FMETL	198	8.53	ND	423	9.07					V,S,P,M
05/27/1999	FMETL	576	7.67	ND	795	9.42					V,S,P,M
08/11/1999	FMETL	239	8.92	ND	375	9.89					V,S,P,M
11/10/1999	FMETL	163	9.54	ND	478	9.70					V,S,P,M
02/16/2000	FMETL	ND	5.49	ND	48.7	9.44					V,S,P,M
05/17/2000	FMETL	104	13.2	ND	845	9.35					V,S,P,M
08/23/2000	FMETL	167	6.31	ND	70.9	9.16					V,S,P,M
11/27/2000	FMETL	162	14.0	ND	150	9.64					V,S,P,M
11/27/2000D	FMETL	112	12.9	ND	86.0	9.64					V,S,P,M
02/15/2001	FMETL	89.5	7.03	ND	ND	8.98					V,S,P,M
02/15/2001D	FMETL	191	7.45	ND	ND	8.98					V,S,P,M
05/24/2001	FMETL	92.5	7.77	ND	128	9.06					V,S,P,M
08/22/2001	FMETL	73.5	10.4	ND	137	9.38					V,S,P,M
11/16/2001	FMETL	808	7.42	ND	1440	10.05					V,S,P,M
02/28/2002	FMETL	983	174	ND	1440	10.33					V,S,P,M
05/31/2002	FMETL	419	14.5	3.65	312	9.81					V,S,P,M
09/30/2002	FMETL	120	3.06	ND	106	13.90					V,S,P,M
11/12/2002	FMETL	ND	2.35	ND	69.0	12.58					V,S,P,M
02/25/2003	FMETL	115	3.86	2.64	144	10.85					V,S,P,M
06/26/2003	FMETL	-	-	-	-	10.38					V
08/06/2003	FMETL	-	-	-	-	9.88					V
11/18/2003	FMETL	-	-	-	-	9.10					V

SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 11/18/2003

NOTES:

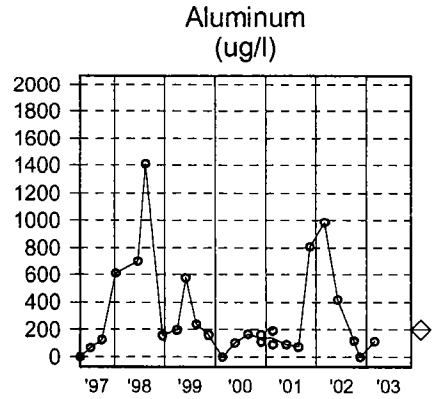
FORT MONMOUTH

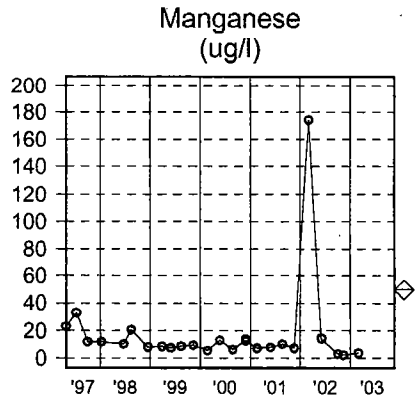
GW MONITORING
CW-1

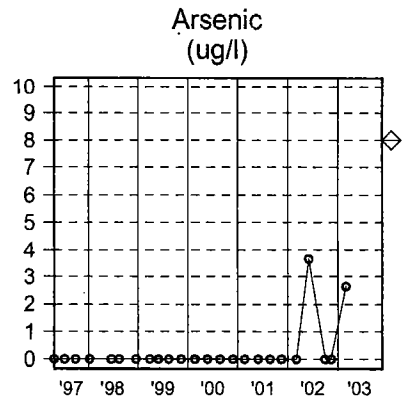
Source 1 of 18

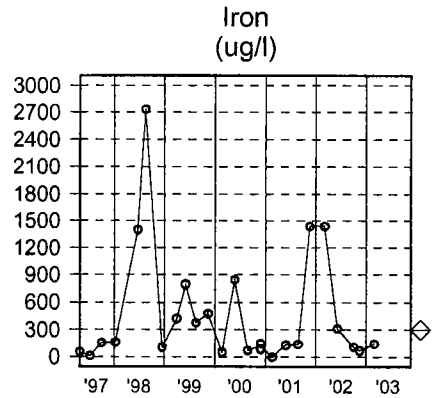
Ag > GW Criteria in blank for samples taken 7/97.

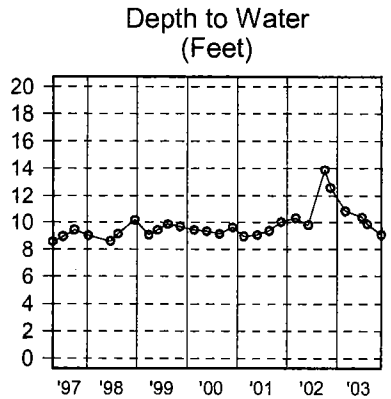
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW026

Sampling Dates:
04/23/1997 - 11/18/2003

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

01-12-2004 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	Aluminum	Manganese	Iron	1,1,1-Tri chloro ethane	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	1	200	50	300	30	-				-
04/23/1997	FMETL	ND	ND	17	30	ND	8.60				V,S,P,M
07/07/1997	FMETL	ND	90	30	30	ND	9.00				V,S,P,M
10/01/1997	FMETL	ND	169	10	74	ND	9.50				V,S,P,M
01/06/1998	FMETL	ND	105	10.6	62	ND	8.95				V,S,P,M
06/16/1998	FMETL	ND	149	7.7	188	ND	8.38				V,S,P,M
08/13/1998	FMETL	ND	1540	19.2	2050	ND	8.98				V,S,P,M
12/15/1998	FMETL	ND	172	10.4	55.7	ND	10.13				V,S,P,M
03/23/1999	FMETL	ND	175	11.7	236	ND	8.93				V,S,P,M
05/27/1999	FMETL	ND	422	4.92	546	ND	9.30				V,S,P,M
08/11/1999	FMETL	ND	95.3	5.38	66.8	ND	9.84				V,S,P,M
11/10/1999	FMETL	ND	65.1	5.35	19.7	ND	9.66				V,S,P,M
02/16/2000	FMETL	ND	148	10.5	401	ND	9.37				V,S,P,M
05/17/2000	FMETL	ND	118	5.56	145	ND	9.24				V,S,P,M
08/23/2000	FMETL	1.46	166	5.44	46.0	ND	9.52				V,S,P,M
11/27/2000	FMETL	ND	112	15.8	67.9	ND	9.58				V,S,P,M
02/15/2001	FMETL	ND	92.8	8.00	506	ND	8.84				V,S,P,M
05/24/2001	FMETL	ND	245	6.84	434	ND	8.89				V,S,P,M
08/22/2001	FMETL	ND	270	7.80	511	ND	9.20				V,S,P,M
11/16/2001	FMETL	ND	ND	9.28	45.9	3.06	10.00				V,S,P,M
02/28/2002	FMETL	7.14	863	151	1390	4.48	10.25				V,S,P,M
05/31/2002	FMETL	ND	380	102	250	ND	9.70				V,S,P,M
09/30/2002	FMETL	ND	715	12.5	1240	ND	13.77				V,S,P,M
11/12/2002	FMETL	ND	46.9	7.08	33.1	ND	12.48				V,S,P,M
02/25/2003	FMETL	ND	81.4	4.99	59.5	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

SOURCE: CW1MW027

Sampling Dates:
04/23/1997 - 11/18/2003

NOTES:

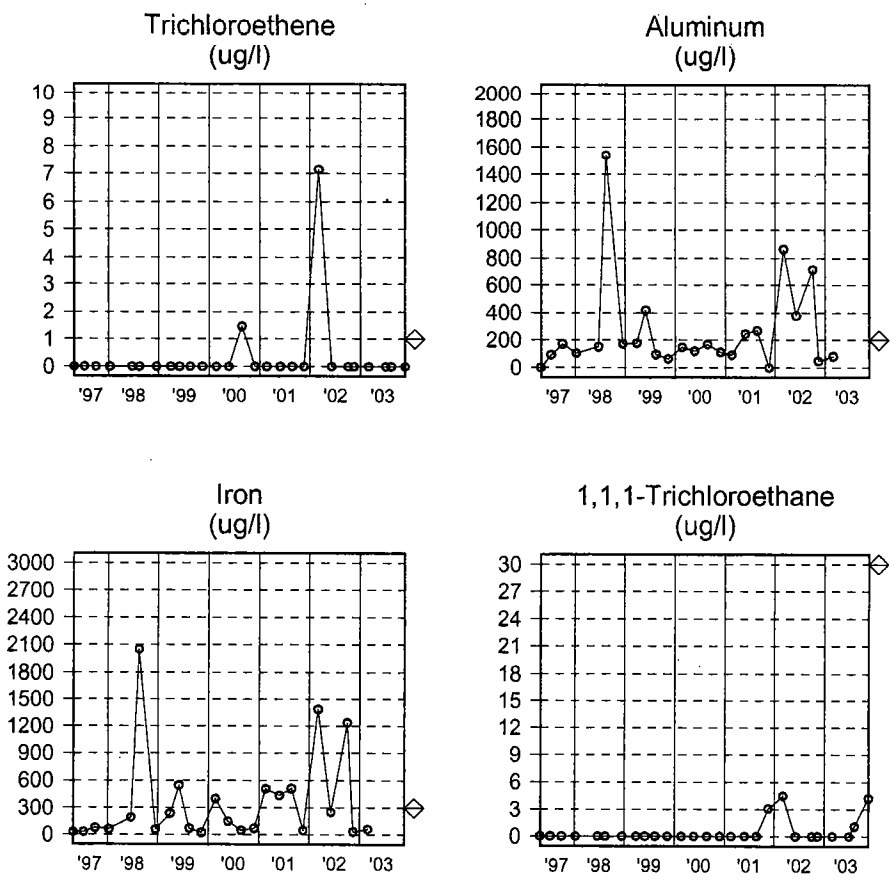
FORT MONMOUTH

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 - 11/18/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 2 of 18, Graph

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

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

	Lab	Trichloro ethene	Aluminum	Manganese	Iron	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	200	50	300	-					-
04/23/1997	FMETL	ND	300	30	10	9.05					V,S,P,M
07/07/1997	FMETL	ND	277	67	40	9.20					V,S,P,M
10/01/1997	FMETL	59.4	ND	ND	ND	9.70					V,S,P,M
01/06/1998	FMETL	27.7	426	30.4	147	9.40					V,S,P,M
06/16/1998	FMETL	ND	1327	14.8	1859	8.84					V,S,P,M
08/13/1998	FMETL	ND	459	13.3	798	9.51					V,S,P,M
12/15/1998	FMETL	33.9	641	18.9	518	10.63					V,S,P,M
03/23/1999	FMETL	7.15	306	25.5	136	9.38					V,S,P,M
05/27/1999	FMETL	3.10	760	20	767	9.79					V,S,P,M
08/11/1999	FMETL	297.82	503	24.5	428	10.32					V,S,P,M
11/10/1999	FMETL	174.48	448	21.9	544	10.13					V,S,P,M
02/16/2000	FMETL	103.32	506	22.7	851	9.84					V,S,P,M
05/17/2000	FMETL	8.48	227	12.4	139	9.75					V,S,P,M
08/23/2000	FMETL	43.36	286	7.76	84.7	9.06					V,S,P,M
11/27/2000	FMETL	70.95	236	20.7	305	10.02					V,S,P,M
02/15/2001	FMETL	9.23	280	17.3	120	9.31					V,S,P,M
05/24/2001	FMETL	ND	462	12.1	550	9.36					V,S,P,M
08/22/2001	FMETL	3.32	301	18.8	323	9.77					V,S,P,M
11/16/2001	FMETL	26.20	218	12.3	339	10.49					V,S,P,M
09/30/2002	FMETL	ND	-	-	-	13.62					V
06/26/2003	FMETL	ND	-	-	-	10.11					V
08/06/2003	FMETL	1.18	-	-	-	7.95					V
11/18/2003	FMETL	2.08	-	-	-	7.98					V

SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 11/18/2003

NOTES:

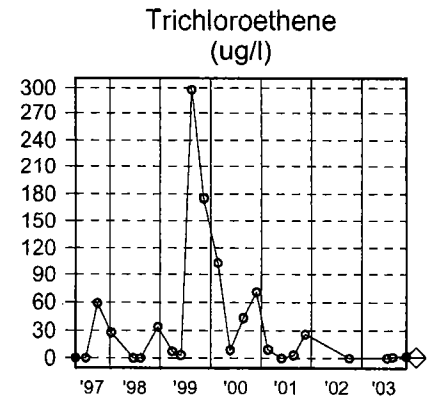
FORT MONMOUTH

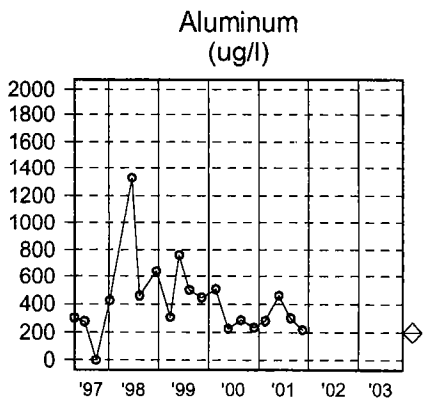
GW MONITORING
CW-1

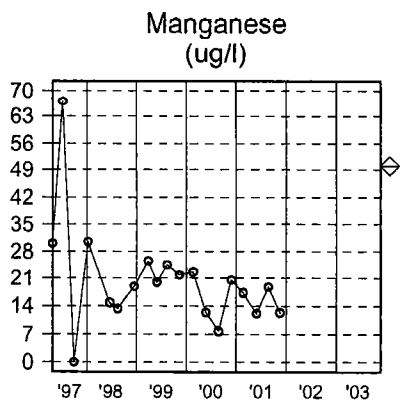
Source 3 of 18

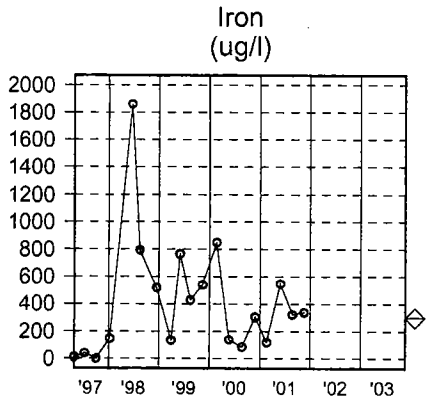
Ag > GW Criteria in blank for samples taken 7/97.

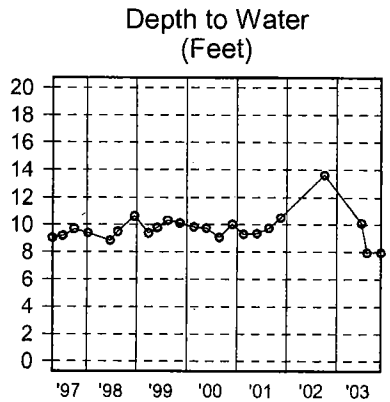
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW028

Sampling Dates:
04/23/1997 - 11/18/2003

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

01-12-2004 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	1,2,4-Tri chloro benzene	cis-1,2-Di chloro ethene	Aluminum	Manganese	Iron	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	1	9	10	200	50	300	-			-
04/23/1997	FMETL	3200	1.55	47	ND	11	10	8.90			V,S,P,M
07/07/1997	FMETL	4900	ND	92	102	51	40	9.30			V,S,P,M
10/01/1997	FMETL	7820	ND	290	213	16	182	9.98			V,S,P,M
01/06/1998	FMETL	1705	ND	67	232	15.5	168	9.10			V,S,P,M
06/16/1998	FMETL	83.11	ND	11.97	322	14.5	627	8.67			V,S,P,M
08/13/1998	FMETL	498	3.98	88	100	21.3	691	9.26			V,S,P,M
12/12/1998	FMETL	374.58	ND	161.61	195	23.9	296	10.30			V,S,P,M
03/23/1999	FMETL	1342	4.27	126.68	61.6	18.5	177	9.90			V,S,P,M
05/27/1999	FMETL	950.05	5.08	75.55	372	20.5	880	9.59			V,S,P,M
08/11/1999	FMETL	288.11	ND	523.43	83.0	22.1	438	10.00			V,S,P,M
11/10/1999	FMETL	62.96	5.44	746.30	52.6	19.6	280	9.81			V,S,P,M
02/16/2000	FMETL	41.51	1.67	175.38	304	18.5	1460	9.54			V,S,P,M
05/17/2000	FMETL	357.72	2.10	186.08	169	17.0	685	9.47			V,S,P,M
08/23/2000	FMETL	263.49	2.21	352.10	145	10.4	315	9.24			V,S,P,M
11/27/2000	FMETL	54.06	ND	96.55	71.02	14.2	148	9.71			V,S,P,M
02/15/2001	FMETL	1951.41	ND	250.62	89.6	15.5	250	9.09			V,S,P,M
05/24/2001	FMETL	470.48	1.50	66.54	517	22.2	1120	9.14			V,S,P,M
08/22/2001	FMETL	2040.65	1.77	340.29	64.7	15.0	436	9.44			V,S,P,M
11/16/2001	FMETL	67.36	ND	118.26	ND	47.4	147	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

SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 11/18/2003

NOTES:

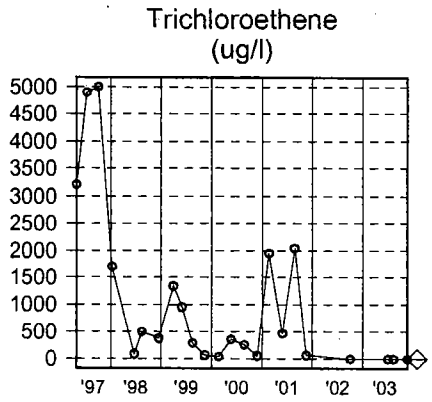
FORT MONMOUTH

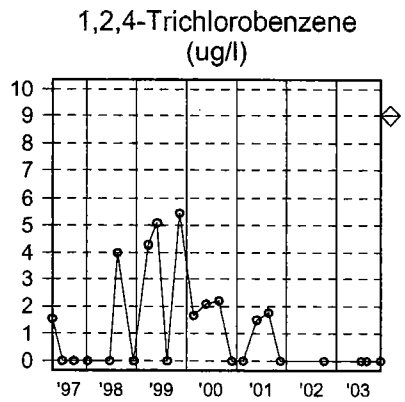
GW MONITORING
CW-1

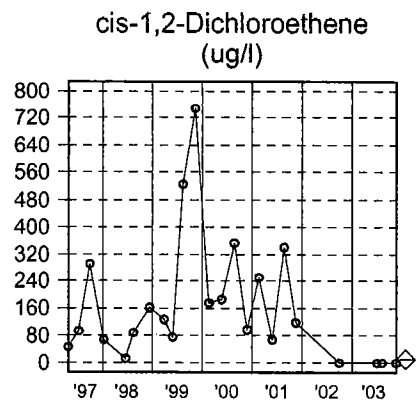
Source 4 of 18

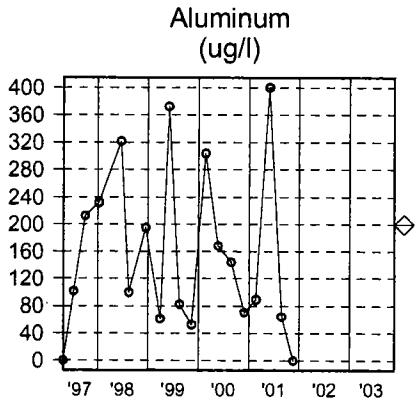
Ag > GW Criteria in blank for samples taken 7/97.

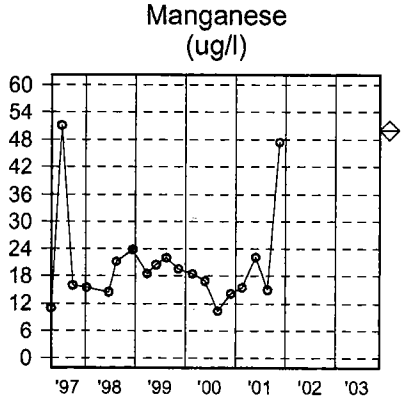
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

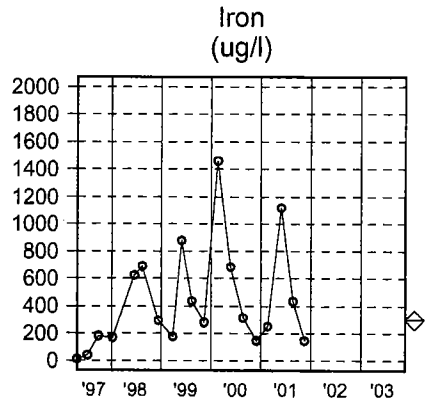


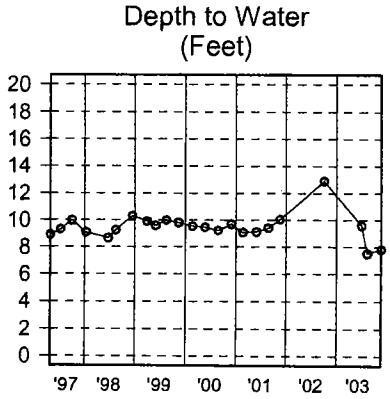












SOURCE: CW1MW029

Sampling Dates:
04/23/1997 - 11/18/2003

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

01-12-2004 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	Aluminum	Manganese	Iron	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	200	50	300	-					-
04/22/1997	FMETL	ND	ND	458	29600	11.10					V,S,P,M
07/09/1997	FMETL	190	51	231	36000	12.30					V,S,P,M
10/02/1997	FMETL	42	137	150	26700	12.80					V,S,P,M
01/07/1998	FMETL	10.6	28	131	24990	10.80					V,S,P,M
06/18/1998	FMETL	27.96	ND	162	28550	10.98					V,S,P,M
08/13/1998	FMETL	45	22.8	177	27600	12.57					V,S,P,M
12/15/1998	FMETL	6.1	ND	166	1600	13.87					V,S,P,M
03/23/1999	FMETL	14.87	ND	188	17700	11.25					V,S,P,M
05/27/1999	FMETL	12.08	ND	194	44000	12.07					V,S,P,M
08/11/1999	FMETL	3.29	ND	166	26300	13.75					V,S,P,M
11/10/1999	FMETL	6.19	ND	146	4100	12.75					V,S,P,M
02/16/2000	FMETL	4.67	ND	163	414	11.96					V,S,P,M
02/16/2000D	FMETL	4.83	ND	163	639	11.96					V,S,P,M
05/17/2000	FMETL	5.51	106	199	37400	12.14					V,S,P,M
05/17/2000D	FMETL	5.18	16.8	197	38100	12.14					V,S,P,M
08/23/2000	FMETL	4.06	76.4	187	34000	12.05					V,S,P,M
11/28/2000	FMETL	ND	ND	171	36700	12.32					V,S,P,M
02/20/2001	FMETL	ND	ND	159	30300	11.79					V,S,P,M
02/20/2001	FMETL	ND	ND	159	30300	11.79					V,S,P,M
05/31/2001	FMETL	ND	ND	176	31300	12.55					V,S,P,M
08/24/2001	FMETL	1.19	ND	163	29400	12.93					V,S,P,M
11/27/2001	FMETL	4.74	ND	187	9700	13.87					V,S,P,M
11/27/2001D	FMETL	5.08	ND	186	8590	13.87					V,S,P,M
02/28/2002	FMETL	13.80	ND	350	21300	13.51					V,S,P,M
05/31/2002	FMETL	25.32	34.1	211	19400	12.70					V,S,P,M
09/30/2002	FMETL	6.16	31.5	205	17400	13.38					V,S,P,M
11/14/2002	FMETL	ND	64.8	176	34000	12.03					V,S,P,M
02/25/2003	FMETL	2.30	45.2	191	275	11.00					V,S,P,M
06/26/2003	FMETL	ND	-	-	-	10.69					V
08/06/2003	FMETL	1.74	-	-	-	11.50					V
11/18/2003	FMETL	1.42	-	-	-	12.05					V

SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 11/18/2003

NOTES:

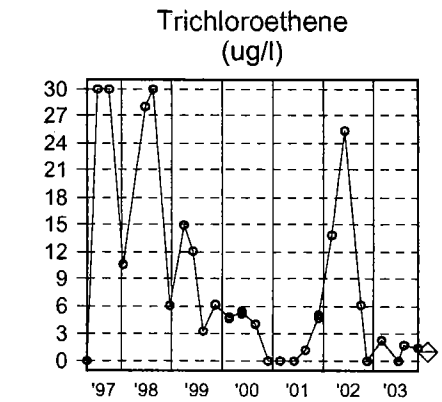
Ag > GW Criteria in blank for samples taken 7/97.

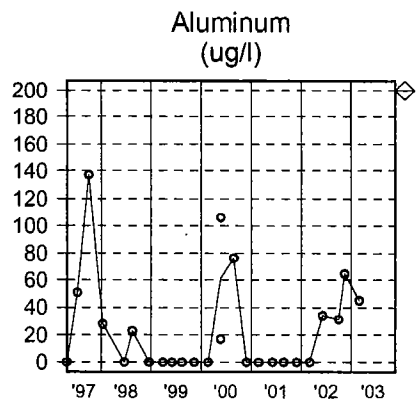
FORT MONMOUTH

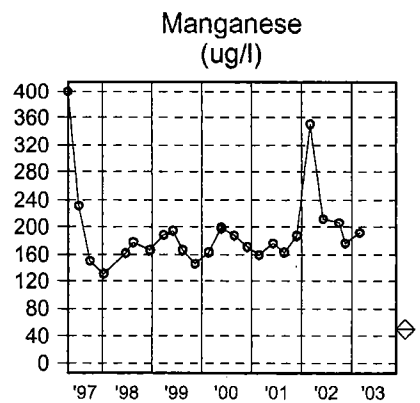
GW MONITORING
CW-1

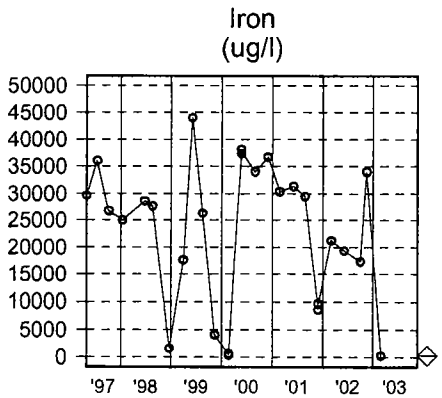
Source 5 of 18

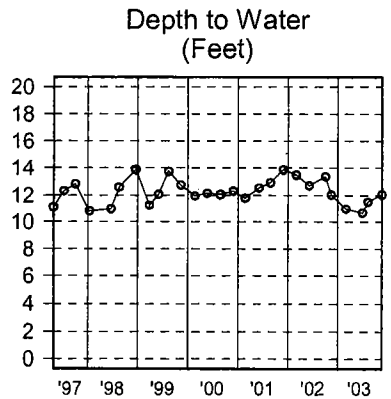
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW281

Sampling Dates:
04/22/1997 - 11/18/2003

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

01-12-2004 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Aluminum	Manganese	Iron	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	200	50	300	-						-
04/22/1997	FMETL	ND	6.0	ND	8.30						V,S,P,M
07/09/1997	FMETL	50	29	20	8.85						V,S,P,M
10/02/1997	FMETL	153	19	665	9.40						V,S,P,M
01/07/1998	FMETL	265	8.1	246	8.85						V,S,P,M
06/18/1998	FMETL	3291	10.1	1513	7.97						V,S,P,M
08/13/1998	FMETL	2250	8.49	1110	8.79						V,S,P,M
12/15/1998	FMETL	61.4	28.4	43.8	10.04						V,S,P,M
03/23/1999	FMETL	247	20.9	495	8.59						V,S,P,M
05/27/1999	FMETL	526	5.44	640	9.10						V,S,P,M
08/11/1999	FMETL	539	34.5	447	9.79						V,S,P,M
11/10/1999	FMETL	137	23.7	210	9.58						V,S,P,M
02/16/2000	FMETL	297	16.1	443	9.19						V,S,P,M
05/17/2000	FMETL	206	7.61	911	5.51						V,S,P,M
08/23/2000	FMETL	363	3.22	524	8.89						V,S,P,M
08/23/2000D	FMETL	341	2.88	186	8.89						V,S,P,M
11/27/2000	FMETL	144	16.5	124	9.34						V,S,P,M
02/20/2001	FMETL	ND	4.99	108	8.79						V,S,P,M
05/24/2001	FMETL	106	2.61	51.5	8.66						V,S,P,M
08/22/2001	FMETL	95.8	4.45	97.4	9.15						V,S,P,M
08/22/2001D	FMETL	35.6	3.83	109	9.15						V,S,P,M
11/16/2001	FMETL	113	16.2	367	9.94						V,S,P,M
02/28/2002	FMETL	176	160	241	10.17						V,S,P,M
05/31/2002	FMETL	256	13.4	349	9.65						V,S,P,M
09/30/2002	FMETL	463	16.5	358	11.50						V,S,P,M
11/12/2002	FMETL	142	25.7	171	10.58						V,S,P,M
02/25/2003	FMETL	261	15.7	96.0	9.18						V,S,P,M
06/26/2003	FMETL	-	-	-	8.58						V
08/06/2003	FMETL	-	-	-	9.11						V
11/18/2003	FMETL	-	-	-	7.86						V

SOURCE: CW1MW282

Sampling Dates:
04/22/1997 - 11/18/2003

NOTES:

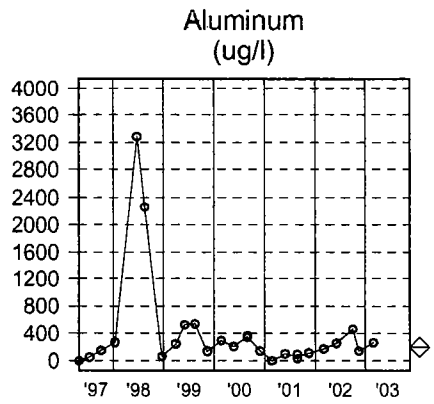
FORT MONMOUTH

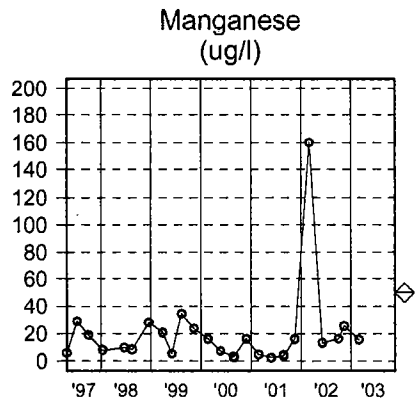
GW MONITORING
CW-1

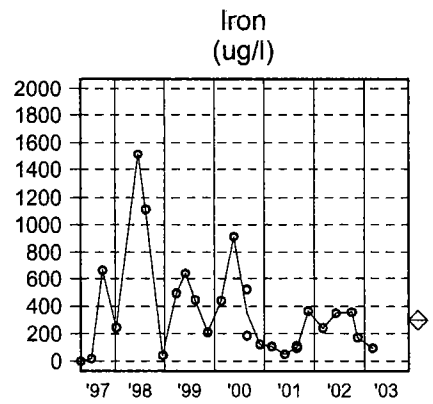
Source 6 of 18

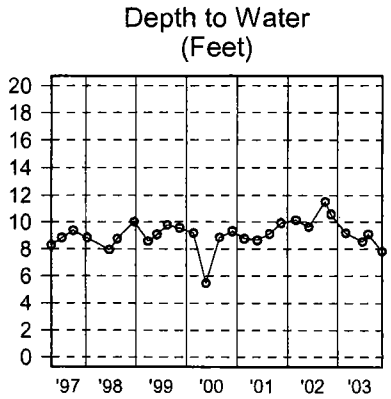
Ag > GW Criteria in blank for samples taken 7/97.

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









SOURCE: CW1MW282

Sampling Dates:
04/22/1997 - 11/18/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 6 of 18, Graph

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

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

01-12-2004 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Aluminum	Manganese	Iron	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	200	50	300	-						-
04/22/1997	FMETL	ND	5.0	20	11.15						V,S,P,M
07/09/1997	FMETL	69	34	50	11.40						V,S,P,M
10/02/1997	FMETL	164	20	478	11.70						V,S,P,M
01/07/1998	FMETL	155	13.7	144	11.40						V,S,P,M
06/18/1998	FMETL	1538	28.5	1876	10.89						V,S,P,M
08/13/1998	FMETL	986	19.8	1280	11.39						V,S,P,M
12/15/1998	FMETL	375	14.3	176	12.21						V,S,P,M
03/23/1999	FMETL	52.7	13.8	43.7	11.28						V,S,P,M
05/27/1999	FMETL	752	8.00	907	11.54						V,S,P,M
08/11/1999	FMETL	405	16.6	132	11.97						V,S,P,M
11/10/1999	FMETL	260	11.7	135	11.79						V,S,P,M
02/16/2000	FMETL	100	8.2	52.1	11.61						V,S,P,M
05/17/2000	FMETL	146	9.81	194	11.59						V,S,P,M
08/23/2000	FMETL	721	7.59	56.7	11.33						V,S,P,M
11/27/2000	FMETL	483	10.2	516	11.69						V,S,P,M
02/20/2001	FMETL	ND	8.56	254	11.40						V,S,P,M
05/24/2001	FMETL	190	11.1	100	11.38						V,S,P,M
08/22/2001	FMETL	110	10.5	197	11.59						V,S,P,M
11/16/2001	FMETL	48.6	80.3	145	12.11						V,S,P,M
02/28/2002	FMETL	126	172	216	12.32						V,S,P,M
05/31/2002	FMETL	332	12.7	161	11.87						V,S,P,M
09/30/2002	FMETL	247	5.77	133	13.78						V,S,P,M
11/12/2002	FMETL	210	8.17	81.6	12.90						V,S,P,M
02/25/2003	FMETL	199	12.6	151	12.04						V,S,P,M
06/26/2003	FMETL	-	-	-	11.35						V
08/06/2003	FMETL	-	-	-	11.77						V
11/18/2003	FMETL	-	-	-	11.28						V

SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 11/18/2003

NOTES:

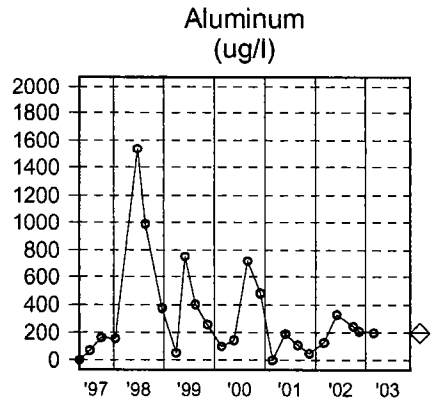
FORT MONMOUTH

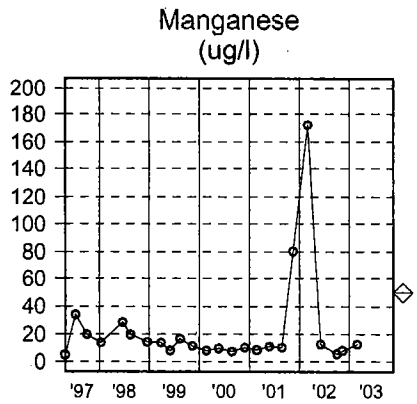
GW MONITORING
CW-1

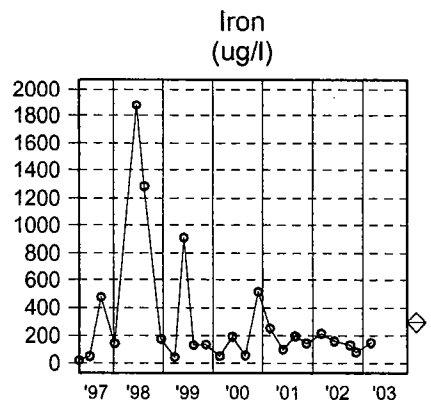
Source 7 of 18

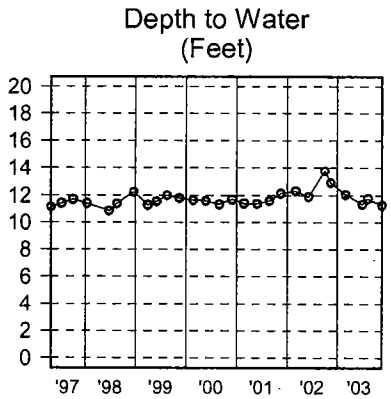
Ag > GW Criteria in blank for samples taken 7/97.

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









SOURCE: CW1MW291

Sampling Dates:
04/22/1997 - 11/18/2003

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

01-12-2004 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Tetrachloro ethene	Aluminum	Manganese	Arsenic	Iron	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	1	200	50	8	300	-				-
11/27/2000	FMETL	ND	529	23.1	ND	913	10.73				V,S,P,M
02/15/2001	FMETL	ND	139	10.6	3.34	63.0	9.91				V,S,P,M
05/24/2001	FMETL	ND	125	7.86	ND	211	9.89				V,S,P,M
08/22/2001	FMETL	ND	1990	10.4	3.30	2590	10.41				V,S,P,M
11/16/2001	FMETL	ND	52.4	9.67	ND	234	11.26				V,S,P,M
02/28/2002	FMETL	ND	1080	169	ND	1580	11.59				V,S,P,M
05/31/2002	FMETL	ND	233	16.0	ND	300	10.96				V,S,P,M
09/30/2002	FMETL	ND	725	8.35	ND	1170	13.25				V,S,P,M
11/12/2002	FMETL	ND	22.6	8.31	ND	72.4	12.27				V,S,P,M
02/25/2003	FMETL	ND	118	17.9	2.43	91.0	10.81				V,S,P,M
06/26/2003	FMETL	ND	ND	ND	ND	ND	10.11				V
08/06/2003	FMETL	ND	-	-	-	-	9.52				V
11/18/2003	FMETL	ND	-	-	-	-	10.10				V

SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 11/18/2003

NOTES:

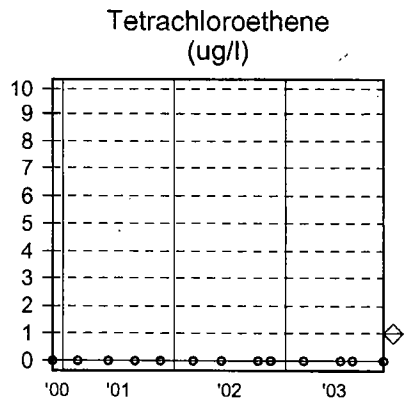
FORT MONMOUTH

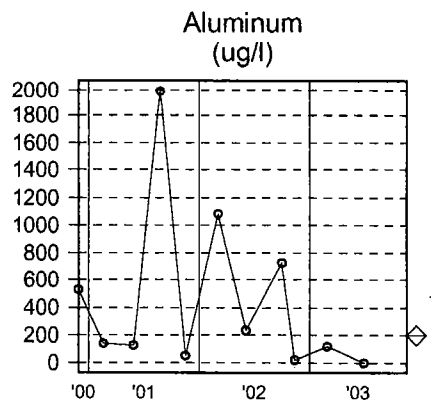
GW MONITORING
CW-1

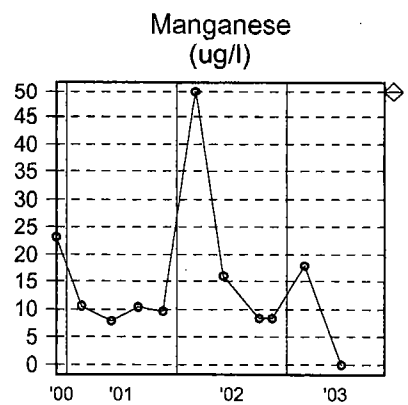
Source 8 of 18

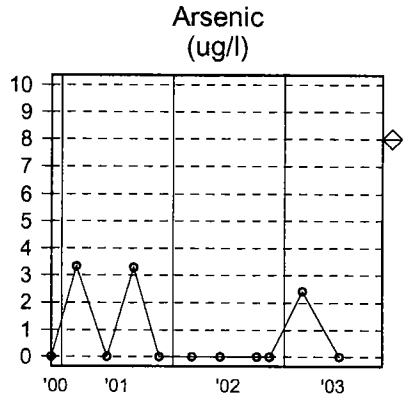
Ag > GW Criteria in blank for samples taken 7/97.

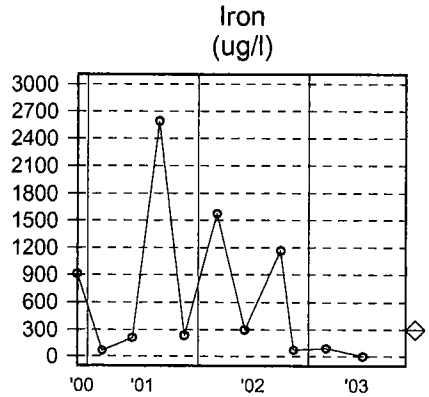
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

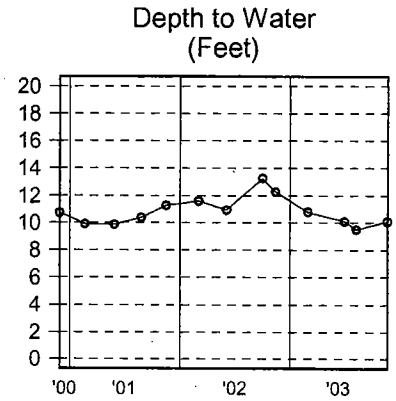












SOURCE: CW1MW030

Sampling Dates:
11/27/2000 - 11/18/2003

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	Tetrachloro ethene	cis-1,2-Di chloro ethene	Aluminum	Manganese	Iron	1,1,1-Tri chloro ethane	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	1	10	200	50	300	30	-			-
11/27/2000	FMETL	ND	1.20	1570	20.0	3260	ND	10.46			V,S,P,M
02/15/2001	FMETL	ND	ND	1150	13.1	1580	ND	9.96			V,S,P,M
05/24/2001	FMETL	ND	ND	2690	13.5	4250	ND	10.10			V,S,P,M
05/24/2001D	FMETL	ND	ND	2240	12.7	3540	ND	10.10			V,S,P,M
08/22/2001	FMETL	ND	ND	1090	7.42	1350	1.86	10.31			V,S,P,M
11/16/2001	FMETL	ND	128.72	1700	20.8	2720	2.81	10.90			V,S,P,M
11/16/2001D	FMETL	ND	175.13	1920	16.3	2870	2.08	10.90			V,S,P,M
02/28/2002	FMETL	ND	ND	1150	148	1630	2.25	11.09			V,S,P,M
05/31/2002	FMETL	ND	ND	1610	15.1	1620	4.57	10.61			V,S,P,M
09/30/2002	FMETL	ND	ND	677	11.1	468	ND	13.68			V,S,P,M
11/12/2002	FMETL	ND	ND	497	13.1	224	ND	12.58			V,S,P,M
02/25/2003	FMETL	ND	ND	380	11.7	157	0.69	11.43			V,S,P,M
06/26/2003	FMETL	ND	1.04	-	-	-	1.34	10.78			V
08/06/2003	FMETL	ND	ND	-	-	-	ND	10.75			V
11/18/2003	FMETL	ND	ND	-	-	-	ND	10.00			V

SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 11/18/2003

NOTES:

FORT MONMOUTH

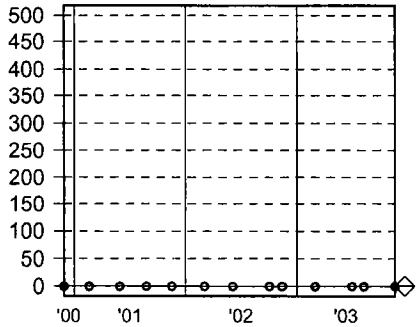
GW MONITORING
CW-1

Source 9 of 18

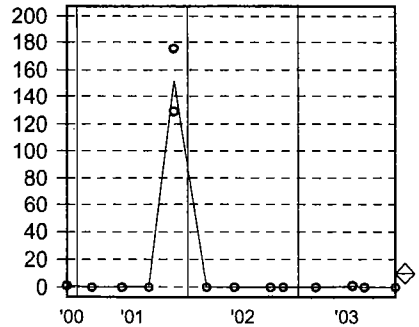
Ag > GW Criteria in blank for samples taken 7/97.

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

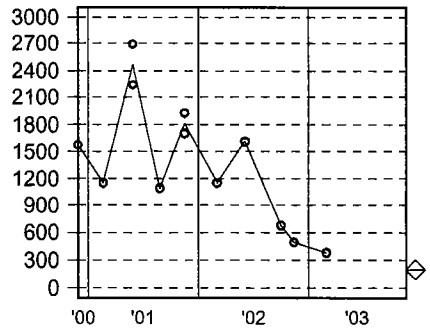
Tetrachloroethene
(ug/l)



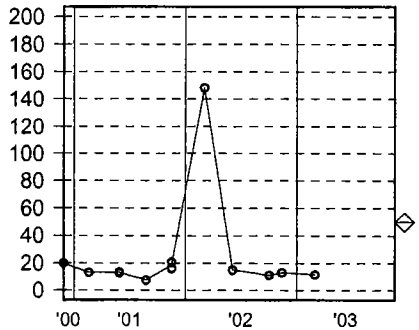
cis-1,2-Dichloroethene
(ug/l)



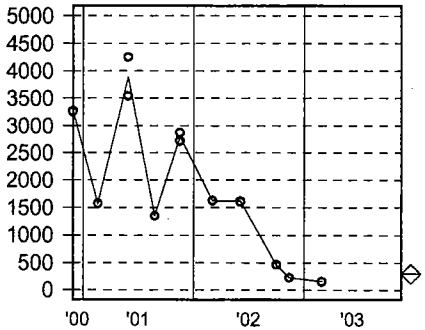
Aluminum
(ug/l)



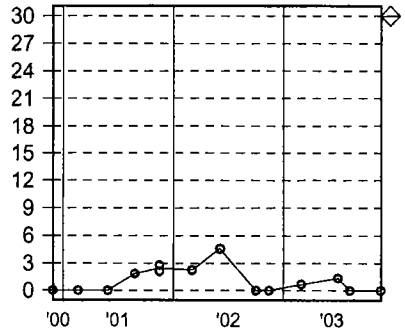
Manganese
(ug/l)



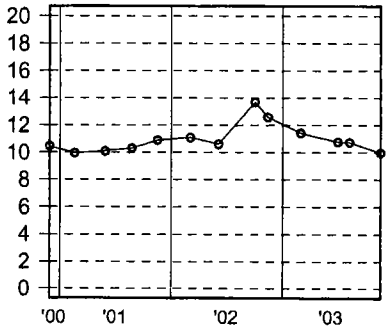
Iron
(ug/l)



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



Depth to Water
(Feet)



SOURCE: CW1MW031

Sampling Dates:
11/27/2000 - 11/18/2003

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

01-12-2004 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Trichloro ethene	Aluminum	Manganese	Iron	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	200	50	300	-					-
11/27/2000	FMETL	51.33	252	9.22	451	11.65					V,S,P,M
02/15/2001	FMETL	ND	380	4.69	629	11.3					V,S,P,M
05/24/2001	FMETL	10.77	252	5.56	384	11.43					V,S,P,M
08/22/2001	FMETL	16.24	215	3.50	341	11.57					V,S,P,M
11/16/2001	FMETL	4.91	256	13.6	499	12.04					V,S,P,M
02/28/2002	FMETL	6.38	312	167	582	12.23					V,S,P,M
05/31/2002	FMETL	ND	443	25.3	1040	11.78					V,S,P,M
11/12/2002	FMETL	ND	270	31.9	66.3	12.81					V,S,P,M
02/25/2003	FMETL	ND	495	9.92	567	12.12					V,S,P,M
06/26/2003	FMETL	ND	-	-	-	11.28					V
08/06/2003	FMETL	ND	-	-	-	11.75					V
11/18/2003	FMETL	ND	-	-	-	11.23					V

SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 11/18/2003

NOTES:

FORT MONMOUTH

GW MONITORING
CW-1

Source 10 of 18

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

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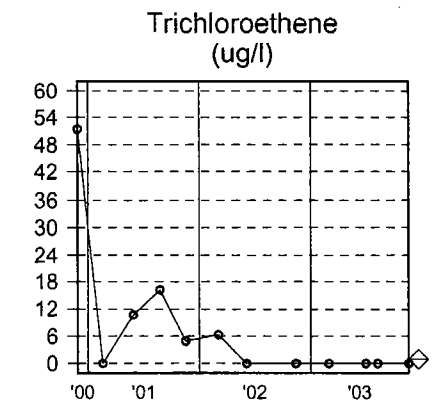

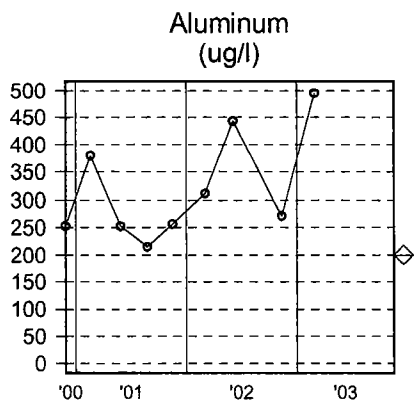

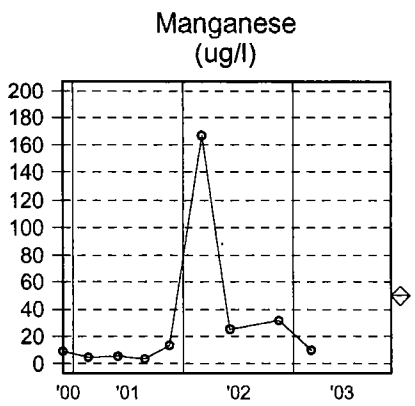

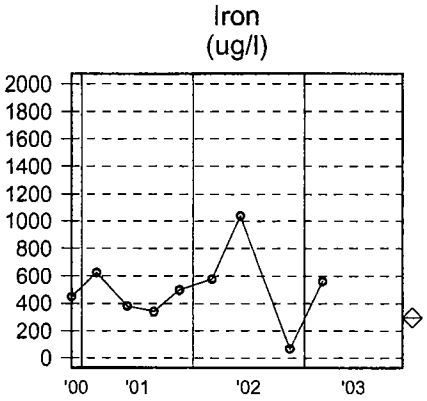

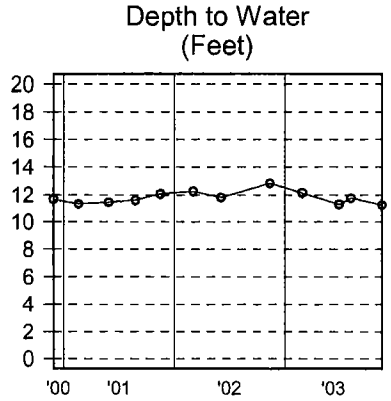

SOURCE: CW1MW032

Sampling Dates:
11/27/2000 - 11/18/2003

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.

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SELFM-PW-EV

	Lab	Aluminum	Manganese	Iron	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	200	50	300	-						-
11/27/2000	FMETL	2500	17.8	5210	11.52						V,S,P,M
02/15/2001	FMETL	2380	15.2	4780	10.97						V,S,P,M
05/24/2001	FMETL	1320	10.7	2170	11.26						V,S,P,M
08/22/2001	FMETL	1120	9.17	854	11.46						V,S,P,M
11/16/2001	FMETL	1320	14.4	1180	12.00						V,S,P,M
02/28/2002	FMETL	1440	157	717	12.13						V,S,P,M
05/31/2002	FMETL	1110	11.6	496	11.66						V,S,P,M
09/30/2002	FMETL	4320	32.0	4980	13.61						V,S,P,M
11/12/2002	FMETL	965	31.6	424	12.66						V,S,P,M
02/25/2003	FMETL	190	12.4	139	12.11						V,S,P,M
06/26/2003	FMETL	-	-	-	10.91						V
08/06/2003	FMETL	-	-	-	11.69						V
11/18/2003	FMETL	-	-	-	11.05						V

SOURCE: CW1MW033

Sampling Dates:
11/27/2000 - 11/18/2003

NOTES:

FORT MONMOUTH

GW MONITORING
CW-1

Source 11 of 18

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

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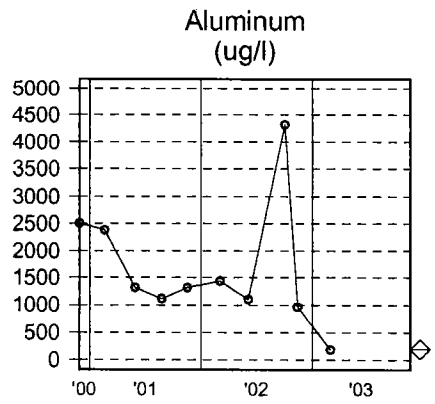
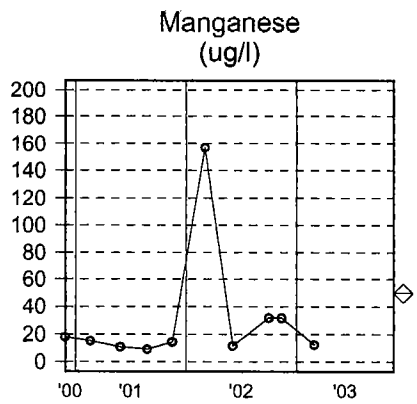
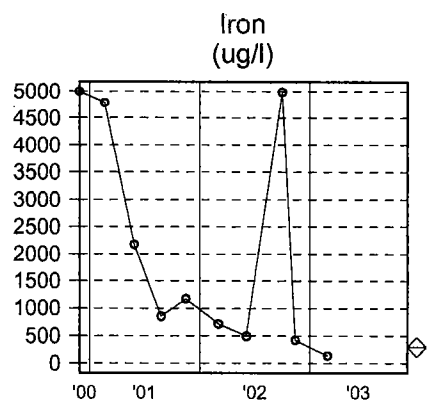
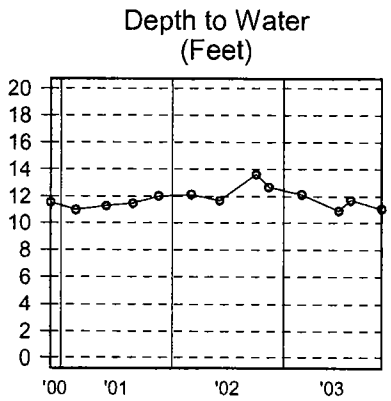
SELFM-PW-EV









SOURCE: CW1MW033

Sampling Dates:
11/27/2000 - 11/18/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 11 of 18, Graph

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

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

01-12-2004 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Aluminum	Manganese	Iron	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	200	50	300	-						-
11/27/2000	FMETL	265	21.1	320	8.01						V,S,P,M
02/15/2001	FMETL	529	33.9	249	8.55						V,S,P,M
05/31/2001	FMETL	276	39.0	3730	8.72						V,S,P,M
08/24/2001	FMETL	334	21.6	414	8.83						V,S,P,M
11/16/2001	FMETL	152	23.6	413	9.20						V,S,P,M
02/28/2002	FMETL	106	164	141	9.34						V,S,P,M
05/31/2002	FMETL	173	16.8	187	9.03						V,S,P,M
09/30/2002	FMETL	332	28.8	277	10.50						V,S,P,M
11/12/2002	FMETL	89.9	18.9	148	9.34						V,S,P,M
02/25/2003	FMETL	400	14.0	753	8.71						V,S,P,M
06/26/2003	FMETL	-	-	-	8.32						V
08/06/2003	FMETL	-	-	-	8.74						V
11/18/2003	FMETL	-	-	-	8.56						V

SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 11/18/2003

NOTES:

FORT MONMOUTH

GW MONITORING
CW-1

Source 12 of 18

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

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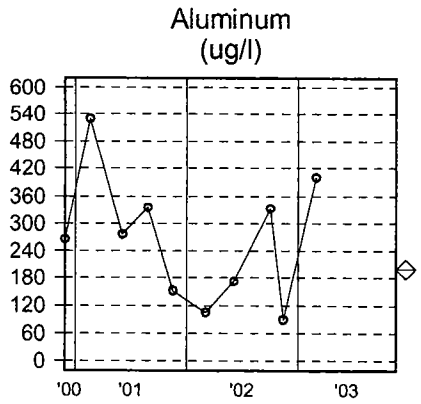

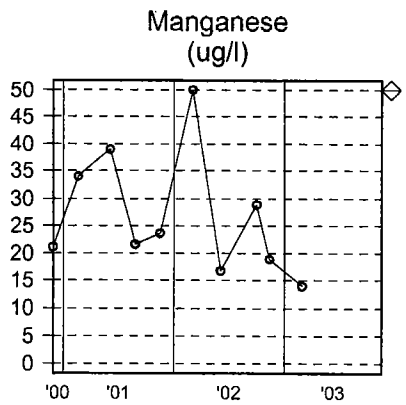

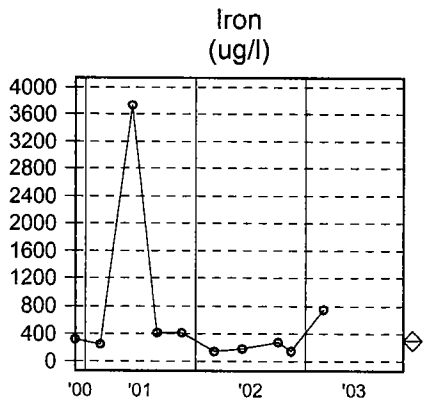

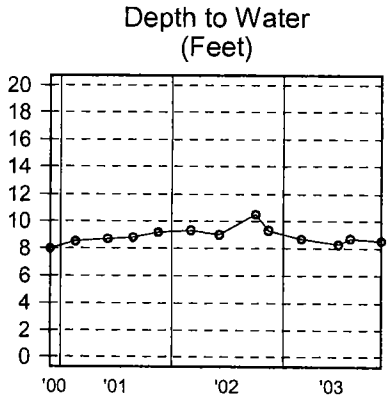

SOURCE: CW1MW034

Sampling Dates:
11/27/2000 - 11/18/2003

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

01-12-2004 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Aluminum	Manganese	Iron	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	200	50	300	-						-
11/28/2000	FMETL	372	18.1	729	8.55						V,S,P,M
02/15/2001	FMETL	342	17.0	196	8.41						V,S,P,M
05/31/2001	FMETL	472	18.1	549	8.45						V,S,P,M
08/24/2001	FMETL	2740	24.1	4620	8.45						V,S,P,M
11/27/2001	FMETL	281	20.2	962	8.80						V,S,P,M
02/28/2002	FMETL	732	176	1360	8.88						V,S,P,M
05/31/2002	FMETL	559	23.7	1110	8.61						V,S,P,M
09/30/2002	FMETL	306	28.9	553	9.50						V,S,P,M
11/12/2002	FMETL	634	32.0	1250	8.85						V,S,P,M
02/25/2003	FMETL	224	14.8	175	8.51						V,S,P,M
06/26/2003	FMETL	-	-	-	8.00						V
08/06/2003	FMETL	-	-	-	8.37						V
11/18/2003	FMETL	-	-	-	8.25						V

SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 11/18/2003

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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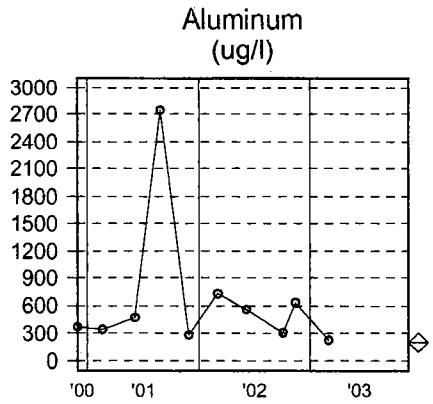
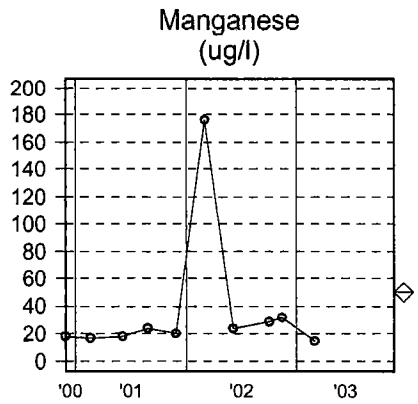
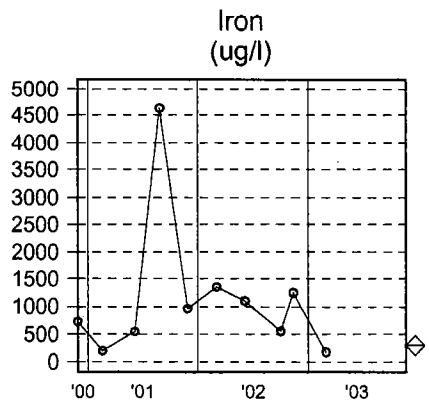
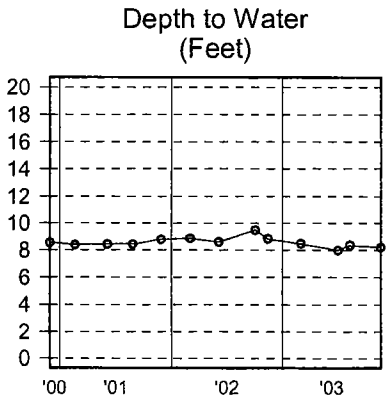
SELFM-PW-EV









SOURCE: CW1MW035

Sampling Dates:
11/28/2000 - 11/18/2003

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.

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SELFM-PW-EV

	Lab	Aluminum	Manganese	Iron	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	200	50	300	-						-
02/15/2001	FMETL	705	26.4	1650	9.08						V,S,P,M
05/31/2001	FMETL	192	35.5	295	9.20						V,S,P,M
08/24/2001	FMETL	83.4	35.6	262	9.29						V,S,P,M
11/16/2001	FMETL	ND	80.9	155	9.66						V,S,P,M
02/28/2002	FMETL	185	194	330	9.80						V,S,P,M
05/31/2002	FMETL	1690	37.3	4050	9.49						V,S,P,M
09/30/2002	FMETL	3260	26.9	5750	10.25						V,S,P,M
11/12/2002	FMETL	1000	32.6	1100	9.62						V,S,P,M
02/25/2003	FMETL	670	11.3	946	4.03						V,S,P,M
06/26/2003	FMETL	-	-	-	8.70						V
08/06/2003	FMETL	-	-	-	9.15						V
11/18/2003	FMETL	-	-	-	9.10						V

SOURCE: CW1MW036

Sampling Dates:
02/15/2001 - 11/18/2003

NOTES:

FORT MONMOUTH

GW MONITORING
CW-1

Source 14 of 18

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

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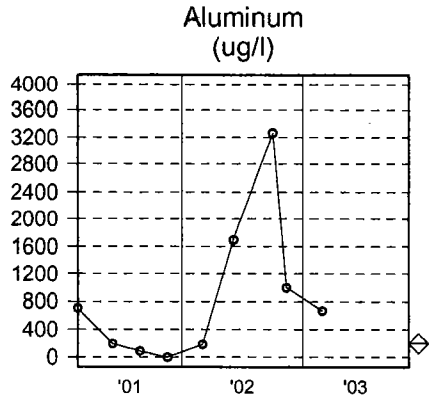
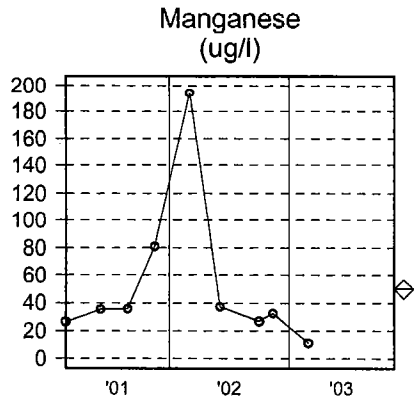
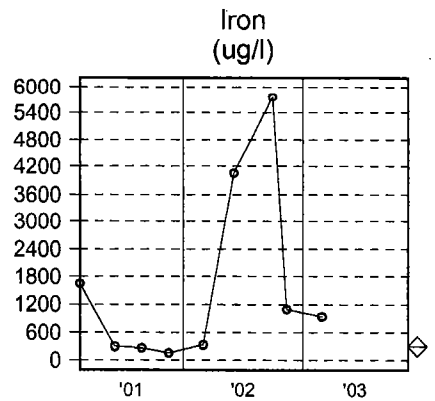
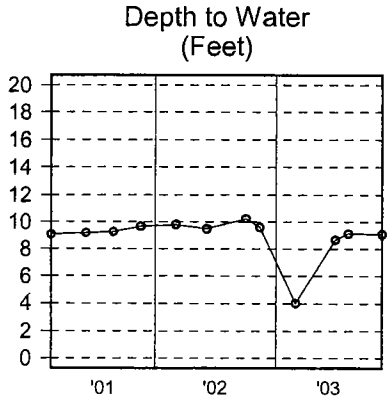








SOURCE: CW1MW036

Sampling Dates:
02/15/2001 - 11/18/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 14 of 18, Graph

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

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

01-12-2004 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Aluminum	Manganese	Arsenic	Iron	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	200	50	8	300	-					-
11/28/2000	FMETL	2450	291	7.29	7450	9.32					V,S,P,M
02/20/2001	FMETL	1080	297	7.67	6890	8.87					V,S,P,M
05/31/2001	FMETL	610	231	4.38	5880	9.00					V,S,P,M
08/24/2001	FMETL	1770	179	4.07	5530	9.10					V,S,P,M
11/27/2001	FMETL	3240	179	6.99	14500	9.64					V,S,P,M
02/28/2002	FMETL	4300	279	10.7	10800	9.67					V,S,P,M
05/31/2002	FMETL	2090	149	3.75	5220	9.05					V,S,P,M
09/30/2002	FMETL	969	133	ND	5690	9.97					V,S,P,M
11/12/2002	FMETL	603	135	3.19	4570	9.91					V,S,P,M
02/26/2003	FMETL	190	70.4	ND	221	9.05					V,S,P,M
06/26/2003	FMETL	-	-	-	-	8.27					V
08/06/2003	FMETL	-	-	-	-	8.75					V
11/18/2003	FMETL	-	-	-	-	8.80					V

SOURCE: CW1MW037

Sampling Dates:
11/28/2000 - 11/18/2003

NOTES:

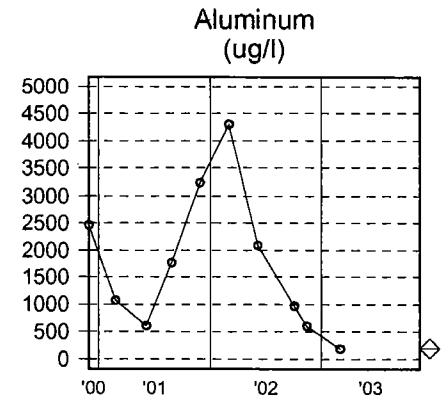
FORT MONMOUTH

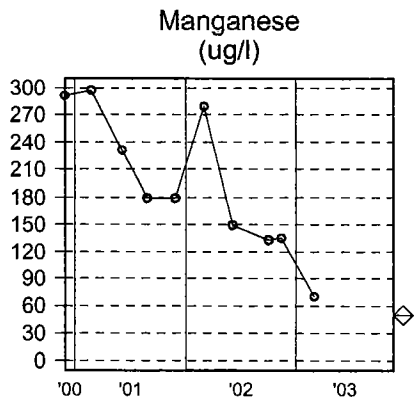
GW MONITORING
CW-1

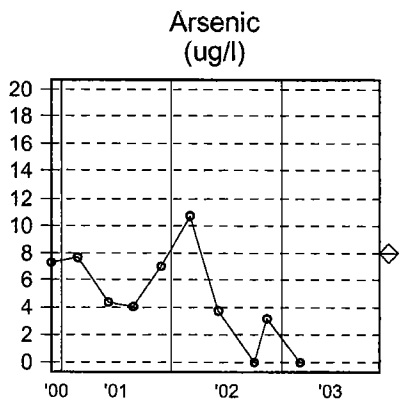
Source 15 of 18

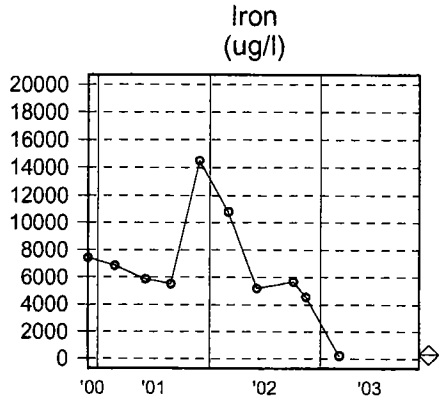
Ag > GW Criteria in blank for samples taken 7/97.

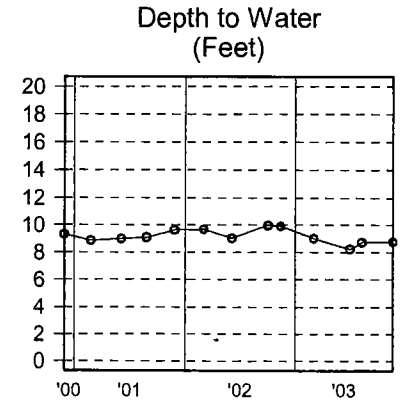
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: CW1MW037

Sampling Dates:
11/28/2000 - 11/18/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
CW-1

Source 15 of 18, Graph

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

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FORT MONMOUTH
SELFM-PW-EV

01-12-2004 X:\MtechData\2700-CW1\CW1.WSF

	Lab	Aluminum	Manganese	Arsenic	Iron	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	200	50	8	300	-					-
11/28/2000	FMETL	65.7	178	ND	30600	12.60					V,S,P,M
02/20/2001	FMETL	ND	183	4.32	32700	12.55					V,S,P,M
02/20/2001D	FMETL	ND	186	3.93	33000	12.55					V,S,P,M
05/31/2001	FMETL	31.7	198	5.20	33200	12.36					V,S,P,M
05/31/2001D	FMETL	43.1	198	3.44	34000	12.36					V,S,P,M
08/24/2001	FMETL	ND	186	2.78	30200	12.44					V,S,P,M
11/27/2001	FMETL	ND	285	3.00	31200	12.28					V,S,P,M
02/28/2002	FMETL	90.9	394	3.83	3900	13.98					V,S,P,M
05/31/2002	FMETL	146	354	4.36	26800	13.16					V,S,P,M
09/30/2002	FMETL	ND	270	ND	28800	13.83					V,S,P,M
11/14/2002	FMETL	ND	171	2.40	29300	12.31					V,S,P,M
02/26/2003	FMETL	149	262	3.54	1470	11.47					V,S,P,M
06/26/2003	FMETL	-	-	-	-	11.11					V
08/06/2003	FMETL	-	-	-	-	11.95					V
11/18/2003	FMETL	-	-	-	-	12.50					V

SOURCE: CW1MW038

Sampling Dates:
11/28/2000 - 11/18/2003

NOTES:

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Source 16 of 18

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

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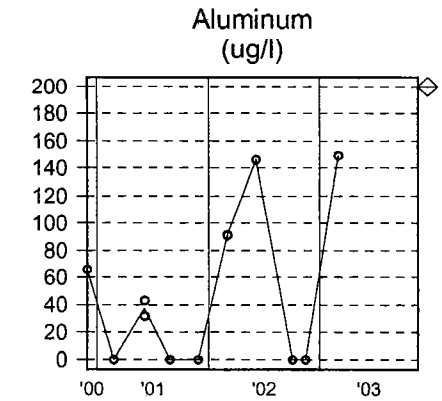

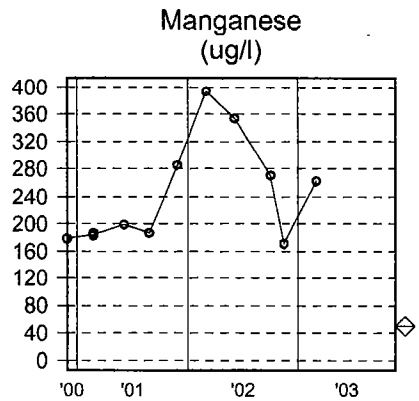

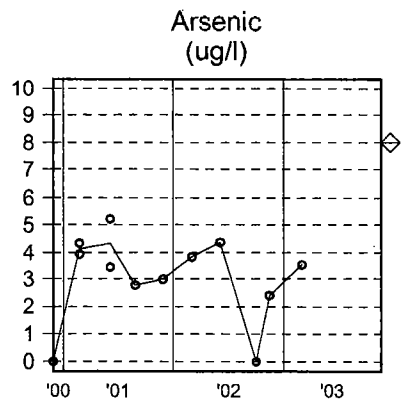

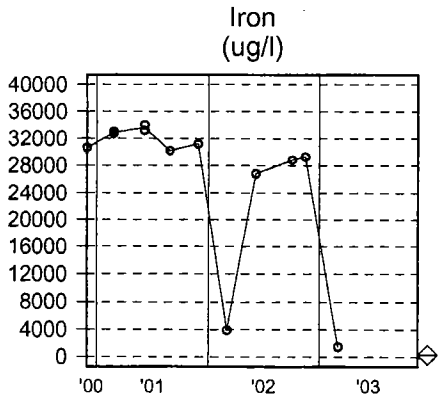

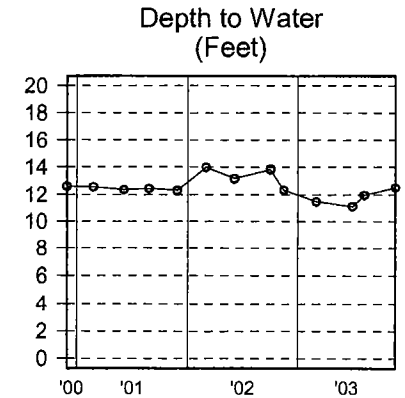

SOURCE: CW1MW038

Sampling Dates:
11/28/2000 - 11/18/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

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Source 16 of 18, Graph

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

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	Lab	Aluminum	Manganese	Arsenic	Iron	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	200	50	8	300	-					-
11/28/2000	FMETL	94.1	10.5	ND	1550	12.89					V,S,P,M
11/28/2000D	FMETL	65.5	13.5	ND	1930	12.89					V,S,P,M
02/20/2001	FMETL	ND	296	8.55	56900	12.54					V,S,P,M
05/31/2001	FMETL	14.5	338	8.40	58400	12.87					V,S,P,M
08/24/2001	FMETL	96.2	333	10.1	56000	13.51					V,S,P,M
11/27/2001	FMETL	ND	344	29.9	33300	14.76					V,S,P,M
02/28/2002	FMETL	138	474	3.48	1390	14.36					V,S,P,M
05/31/2002	FMETL	18.3	351	26.9	52700	13.55					V,S,P,M
09/30/2002	FMETL	81.6	324	21.0	23300	14.22					V,S,P,M
11/14/2002	FMETL	180	276	6.01	55400	12.73					V,S,P,M
02/25/2003	FMETL	71.5	336	9.58	32400	11.48					V,S,P,M
06/26/2003	FMETL	-	-	-	-	11.55					V
08/06/2003	FMETL	-	-	-	-	12.35					V
11/18/2003	FMETL	-	-	-	-	9.89					V

SOURCE: CW1MW039

Sampling Dates:
11/28/2000 - 11/18/2003

NOTES:

FORT MONMOUTH

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Source 17 of 18

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

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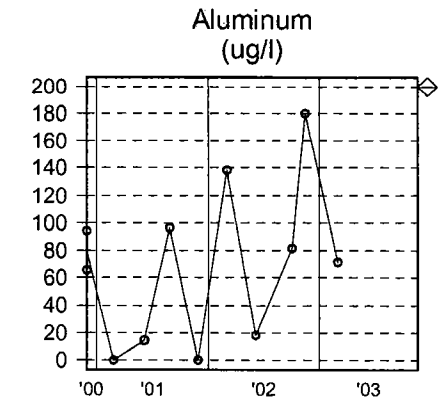

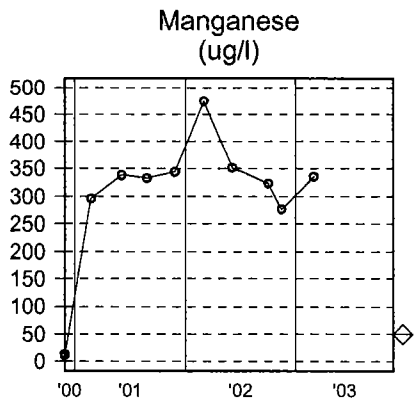

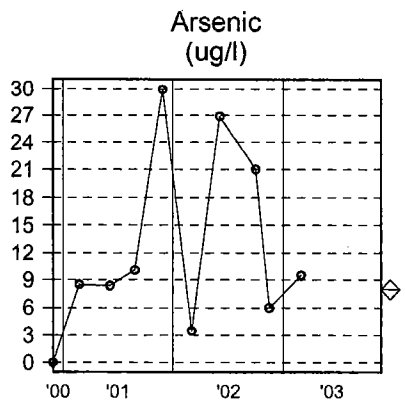

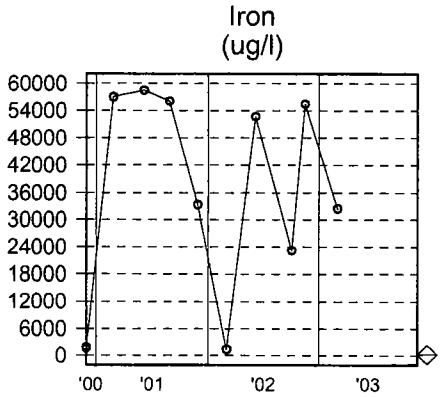

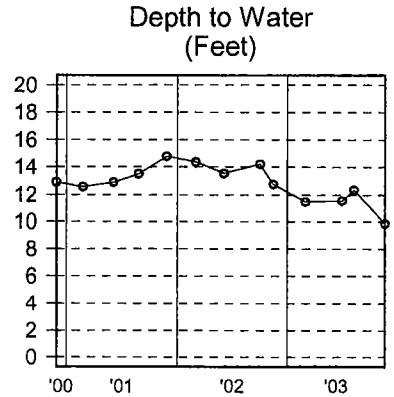

SOURCE: CW1MW039

Sampling Dates:
11/28/2000 - 11/18/2003

LEGEND:

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Source 17 of 18, Graph

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

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	Lab	Aluminum	Manganese	Arsenic	Iron	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	200	50	8	300	-					-
11/28/2000	FMETL	ND	232	ND	4720	13.77					V,S,P,M
02/20/2001	FMETL	ND	219	5.87	34100	13.91					V,S,P,M
05/31/2001	FMETL	70.3	229	3.07	35200	13.37					V,S,P,M
08/24/2001	FMETL	624	230	5.83	35000	15.21					V,S,P,M
11/27/2001	FMETL	ND	189	ND	2370	15.35					V,S,P,M
02/28/2002	FMETL	ND	381	7.00	11500	15.02					V,S,P,M
05/31/2002	FMETL	12.5	246	11.4	38700	14.22					V,S,P,M
09/30/2002	FMETL	ND	215	ND	12100	14.96					V,S,P,M
11/14/2002	FMETL	6360	236	14.9	49300	13.59					V,S,P,M
02/25/2003	FMETL	41.9	236	9.63	33300	12.59					V,S,P,M
06/26/2003	FMETL	-	-	-	-	12.27					V
08/06/2003	FMETL	-	-	-	-	13.06					V
11/18/2003	FMETL	-	-	-	-	13.57					V

SOURCE: CW1MW040

Sampling Dates:
11/28/2000 - 11/18/2003

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Source 18 of 18

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

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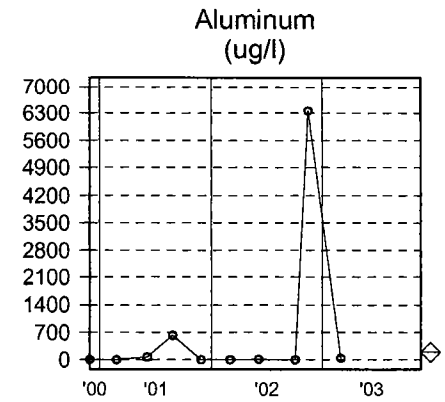

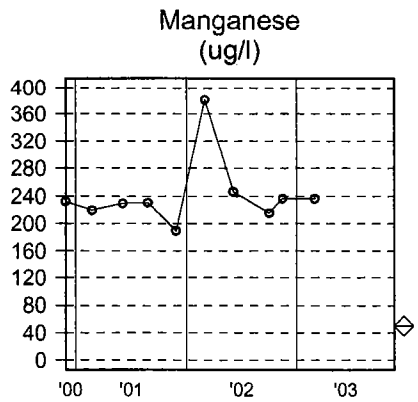

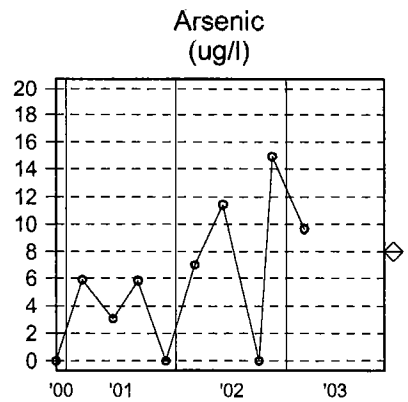

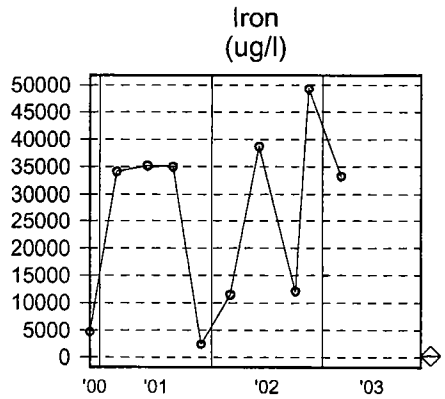

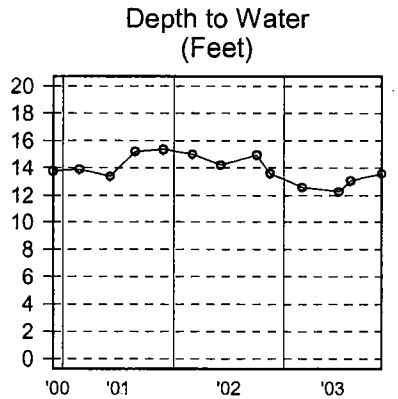

SOURCE: CW1MW040

Sampling Dates:
11/28/2000 - 11/18/2003

LEGEND:

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NJDEP Criteria

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Source 18 of 18, Graph

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

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