Close File

100 Verdae Boulevard (29607-3825)
PO Box 16778 (29606-6778)
Greenville, South Carolina
Telephone (864) 281-0030
Fax (864) 281-0288

Use Page Up/Page Down keys to navigate through file.

2003 System Performance Report

Light Nonaqueous-phase Liquids (LNAPL) Extraction and Groundwater Migration Control System

Columbia Manufacturing Facility
Westfield, Massachusetts

July 2004

Prepared For
MTD Products Inc.

Britney C. Barnes
Technical Lead

Steve W. Webb, Ph.D., P.E.
Project Manager

Barrett E. Culp
Technical Manager

© 2004 RMT, Inc.
All Rights Reserved

Close File

Table of Contents

1. Introduction 1-1
   - 1.1 Background 1-1
   - 1.2 Regulatory History 1-1
   - 1.3 Previous Investigations 1-5
     - 1.3.1 Wastewater Lagoon Investigations 1-5
     - 1.3.2 Site Investigations Under Resource Conservation and Recovery Act 1-6
     - 1.3.3 Remedial Investigations 1-9
     - 1.3.4 Voluntary Interim Corrective Measures 1-11
   - 1.4 Purpose and Scope 1-11

2. Groundwater Migration Control System Performance 2-1
   - 2.1 System Operations and Maintenance 2-1
     - 2.1.1 System Startup and Initial Trouble Shooting 2-3
     - 2.1.2 System Modifications 2-3
   - 2.2 System Performance Monitoring 2-4
     - 2.2.1 Current Hydrogeology 2-6
     - 2.2.2 Performance Groundwater Monitoring and Results 2-13
     - 2.2.3 Operations Data 2-34

3. Light Nonaqueous-phase Liquid Extraction System Performance 3-1
   - 3.1 System Operations and Maintenance 3-1
     - 3.1.1 System Startup and Initial Trouble shooting 3-3
     - 3.1.2 System Modifications 3-3
   - 3.2 System Performance Monitoring 3-4

4. Conclusions and Recommendations 4-1

List of Tables

Table 1-1 Summary of Solid Waste Management Units 1-7
Table 2-1 Summary of Water Level Elevations 2-10
Table 2-2 Summary of Detections in Groundwater Off-site Monitoring Wells 2-22
Table 2-3 Summary of Detections in Groundwater On-site Monitoring Wells 2-26
Table 2-4 Summary of Detections in Groundwater Recovery Wells 2-32

Close File

List of Figures

Figure 1-1 Site Location Map....1-2
Figure 1-2 Site Layout....1-3
Figure 2-1 Migration Control System Layout....2-2
Figure 2-2 Performance Monitoring Network....2-5
Figure 2-3 Water Table Configuration (December 2002)....2-7
Figure 2-4 Water Table Configuration (September 2003)....2-8
Figure 2-5 Water Table Configuration (December 2003)....2-9
Figure 2-6 Summary of Tetrachloroethene Concentrations Off-site Performance Monitoring Wells....2-14
Figure 2-7 Summary of Trichloroethene Concentrations Off-site Performance Monitoring Wells....2-15
Figure 2-8 Summary of cis-1,2-Dichloroethene Concentrations Off-site Performance Monitoring Wells....2-16
Figure 2-9 Summary of Vinyl Chloride Concentrations Off-site Performance Monitoring Wells....2-17
Figure 2-10 Summary of Tetrachloroethene Concentrations On-site Performance Monitoring Wells....2-18
Figure 2-11 Summary of Trichloroethene Concentrations On-site Performance Monitoring Wells....2-19
Figure 2-12 Summary of cis-1,2-Dichloroethene Concentrations On-site Performance Monitoring Wells....2-20
Figure 2-13 Summary of Vinyl Chloride Concentrations On-site Performance Monitoring Wells....2-21
Figure 2-14 Migration Control System Total Volume per Recovery Well (gallons)....2-35
Figure 2-15 2003 Groundwater Recovery System Flow Rates....2-36
Figure 2-16 2003 Flow Rates and Volatile Organic Compounds Concentrations....2-38
Figure 2-17 2003 Mass Removal of Volatile Organics vs Time....2-39
Figure 3-1 LNAPL System Layout....3-2

Close File

List of Appendices

Appendix A	Technical Memorandum Entitled Summary of Groundwater Screening Investigation and Site-wide Groundwater Monitoring Dated December 3, 2001
Appendix B	Technical Memorandum Entitled Summary of Light Nonaqueous-phase Liquid (LNAPL) Assessment and Source Area Investigation Results Dated August 12, 2002
Appendix C	Technical Memorandum Entitled Summary of Light Nonaqueous-phase Liquid (LNAPL) and Volatile Organic Compound (VOC) Investigation Results Dated December 14, 2003
Appendix D	System Status Form
Appendix E	Analytical Laboratory Data Sheets
Appendix F	Water Level Comparisons

List of Plates

Plate 1	Distribution of Trichloroethene (TCE) Detected Above MCLs in Groundwater
Plate 2	Distribution of Tetrachloroethene (PCE) Detected Above MCLs in Groundwater
Plate 3	Distribution of cis-1,2-Dichloroethene (cis-1,2-DCE) Detected Above MCLs in Groundwater
Plate 4	Distribution of Vinyl Chloride Detected Above MCLs in Groundwater

Close File

Section 1
Introduction

The Columbia Manufacturing Facility (site) is located in Hampden County, Massachusetts, in the City of Westfield. The site consists of a 23.7-acre parcel located at One Cycle Street. The location of the site with respect to surrounding features is shown on the site location map provided as Figure 1-1. The site is bounded to the north by residential properties on Cleveland, Lozier, and Toledo Avenues and to the west by a railroad embankment. To the south and east, the site is bordered by agricultural land currently used for the cultivation of shade tobacco.

The Little River borders the eastern and southern edges of the tobacco fields prior to its confluence with the Westfield River approximately ½ mile northeast of the site. The site is situated at an elevation of approximately 140 feet above mean sea level (msl) with topographic relief of approximately 10 feet across the site.

1.1 Background

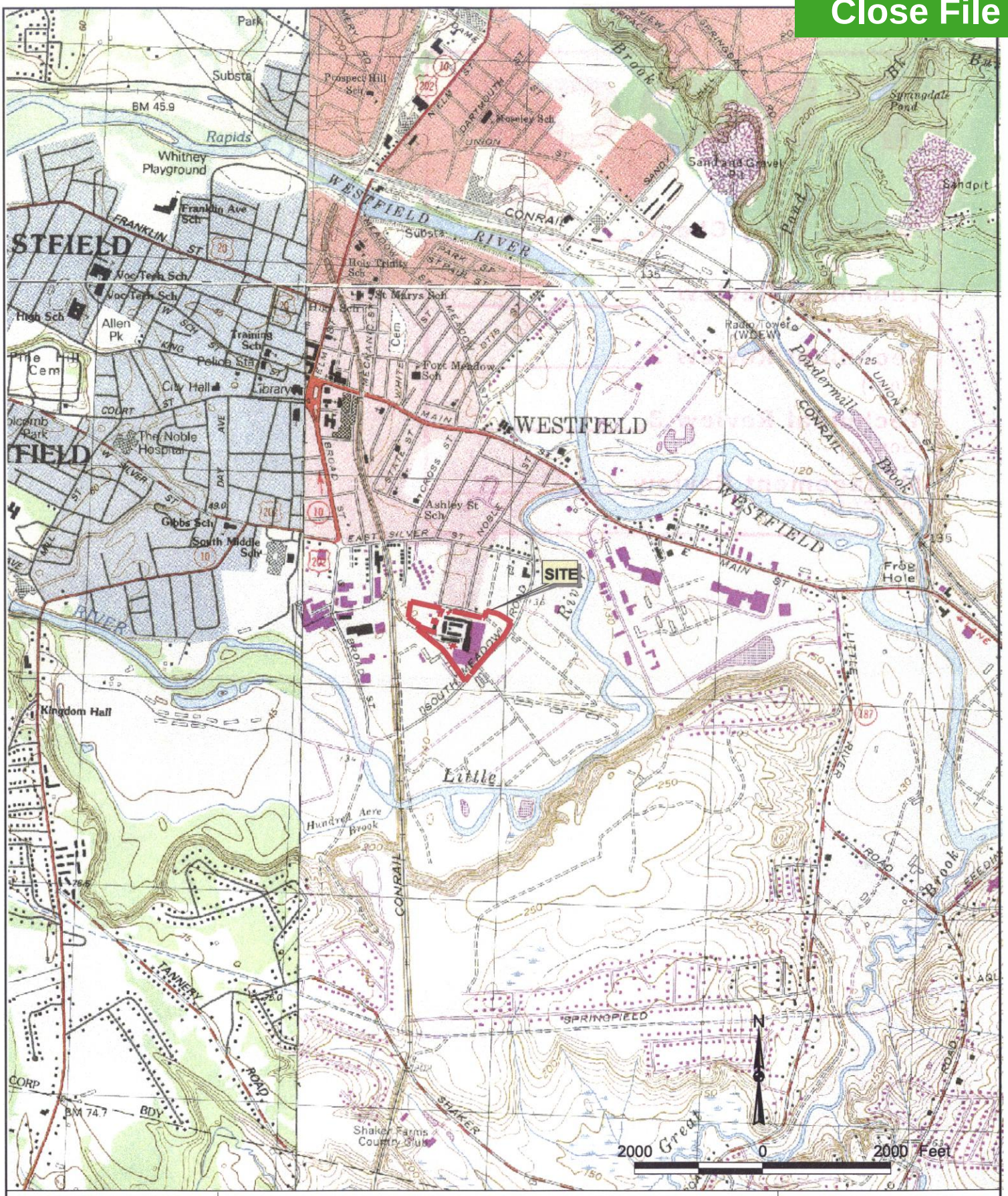
The facility's production history dates back to the late 1800s. Products historically manufactured at the site have consisted of metal tube items including bicycles, mopeds, lawnmowers, motorcycles, munitions (shells only), and school furniture. Production began in 1897 and continued under various names until 1960. In 1960, the company at the time incorporated, became a division of MTD Products Inc. (MTD) of Cleveland, Ohio, and operated under the name Columbia Manufacturing, Inc. (CMI). In 1987, Columbia purchased the division from MTD and operated under the name Columbia Manufacturing Corporation (CMC).

Buildings used for production, warehousing, and office use cover approximately half the site. The remaining area is primarily used for parking and/or transportation purposes. The site is fenced with site access controlled through the front office (see Figure 1-2).

1.2 Regulatory History

The Resource Conservation and Recovery Act (RCRA) requires owners and operators of facilities that treat, store, or dispose (TSD) of hazardous waste to obtain an operating permit. Recognizing that issuance of operating permits to all the existing RCRA facilities would take many years, Congress created "interim status." Interim status allows facilities in existence on November 19, 1980 to operate under Subtitle C of RCRA while their permit applications are

Close File



RMT

FILE REFERENCE: p:\hydro\998\westfield-ma\arcview\arcgis\2003systemperformancerpt\sitelayout.apr
LAYOUT: SITELOCATION998_89
DATE: Dec 18, 2003 9:31 AM

FIGURE 1-1
SITE LOCATION MAP

MTD PRODUCTS - COLUMBIA MANUFACTURING FACILITY
WESTFIELD, MASSACHUSETTS

Drawn By:	MAG
Approved By:	SWW
Project No.	998.89
File No.	SITELOCATION998_89
Date:	JANUARY 2004

Close File

LEGEND

PROPERTY LINE / FENCE LINE

AERIAL PHOTO SOURCE: OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICES OF ENVIRONMENTAL AFFAIRS.

0 200 400 Feet

NO.	BY	DATE	REVISION	APP'D.
3.				
2.				
1.				

PROJECT : MTD PRODUCTS INC. COLUMBIA MANUFACTURING FACILITY

SHEET TITLE: SITE LAYOUT

DRAWN BY: ARR	SCALE AS NOTED	PROJECT NO.: 998.89
CHECKED BY: BCB		FILE NO.:
APPROVED BY: BEC	DATE PRINTED:	FIGURE: 1-2
DATE: JULY 2004	JULY 2004	

RMT

100 Verdae Boulevard
P.O. Box 16778
Greenville, SC 29606
(864) 281-0030

Map Document: (P:\Hydro\998\Westfield-MA\ArcView\ArcGIS\2003SystemPerformanceRpt\sitelayoutFig1-2.mxd)
7/14/2004 -- 2:04:58 PM

Close File

under review. However, in order for a facility to maintain interim status, the following requirements must be met:

- Submit notification of hazardous waste activity
- Submit a RCRA Part A permit application
- Comply with applicable 40 CFR 265 standards
- Submit a RCRA Part B permit application

In accordance with these requirements, MTD submitted notification of their status as a TSD facility on August 15, 1980. On November 4, 1980, the facility submitted a Part A permit application and was subsequently granted interim status under RCRA.

On October 22, 1981, MTD received notification from Massachusetts Department of Environmental Quality Engineering (MA DEQE) (now Massachusetts Department of Environmental Protection [MA DEP]) that the sludge drying beds (lagoons) were no longer an approved method of disposal for electroplating wastewater. Following a recommendation made by Water Management, Inc. (Water Management), the facility filed a delisting petition for the wastewater sludge. The petition was subsequently withdrawn on August 1, 1983, after delisting was determined to be unfeasible.

On April 12, 1983, following an inspection by MA DEQE, the facility was issued a notice of violation (NOV) for non-compliance with the groundwater monitoring provisions of 40 CFR, Part 265 for the wastewater lagoons. In addition, rather than apply for a Part B permit, MTD decided to permanently close the wastewater lagoons. On August 1, 1983, the facility submitted a plan for closure of the lagoons that included removal of sludge and installation of monitoring wells. The closure plan was submitted for public comment October 1983 and subsequently approved by MA DEQE on February 10, 1984. MTD completed closure of the lagoons in fall 1984.

As a requirement of lagoon closure, MTD collected and analyzed samples of the underlying soils. Laboratory analyses performed on these samples revealed elevated concentrations of chromium and cyanide. MTD reported these results to MA DEQE on June 25, 1985. MTD and MA DEQE subsequently negotiated a Consent Order that directed the facility to prepare a groundwater quality and soil assessment plan for the former lagoons. The Consent Order was signed on June 5, 1985.

A United States Environmental Protection Agency (USEPA) Preliminary Assessment Form was submitted for the site in December 1987. The assessor concluded that no further action was required at this site under Comprehensive Environmental Response, Compensation, and

Close File

Liability Act (CERCLA). It was recommended that the case be continued under the RCRA program.

On August 11, 1993, a Consent Decree was signed, initiating the Phase I activities. The Phase I RCRA Facility Investigation (RFI) was conducted by MTD in 1994.

1.3 Previous Investigations

Several environmental investigations have been conducted at the site to address various issues presented in the above-mentioned Consent Orders and to satisfy the regulatory requirements under the USEPA RCRA. Site investigations conducted between 1982 and 1989 primarily focused on identifying and characterizing releases from the former wastewater lagoons. Beginning in 1991, the scope of the investigations broadened to include other areas of the site identified as having a high potential for release. The following subsections briefly summarize the historic investigations conducted at the facility.

1.3.1 Wastewater Lagoon Investigations

1. Preliminary Investigative Report (Water Management, February 1982)

Due to changes in both federal and state laws, CMC and MTD contracted Water Management to assess alternate methods for disposal of metal hydroxide sludges generated from the plant's plating operations. Sludge from the lagoons was sampled and found to be non-hazardous via the EP Tox method. The Water Management report recommended closure of the lagoons, filing of a delisting application for the sludges, installation of sludge dewatering equipment, and off-site disposal of filter cake.

2. Interim Progress Report on Remedial Investigation (Tighe and Bond Consulting Engineers Environmental Specialist [T&B] May 1986)

This investigation included sampling of lagoon sludge, soil, and groundwater in the vicinity of the lagoons. The work was conducted as part of a condition of a Consent Order issued by the MA DEQE (now MA DEP). Volumes of soil impacted by cyanide were developed. Volatile organic compounds (VOCs) were observed in groundwater samples collected from monitoring wells installed around the lagoons.

Close File

3. *Phase I- Limited Site Investigation* (HMM Associates, (May 1989)

From March 30 to May 5, 1989, HMM Associates, Inc., on behalf of MA DEP, performed a Preliminary Site Assessment/Phase I Limited Site Investigation to determine if the site was a disposal site and, if so, its classification as a priority or non-priority site based on the regulations at the time. No samples were collected as part of this investigation. Based on review of existing site files, the facility was found to be in compliance with applicable TSD regulations and was classified as non-priority disposal site. However, groundwater analytical data from 16 existing monitoring wells suggested potential migration of VOCs, chromium, and cyanide toward the tobacco farms south of the facility. Characterization of the extent of affected groundwater was recommended.

1.3.2 Site Investigations Under Resource Conservation and Recovery Act

1. *RFA Report (A.T. Kearney, Inc., May 1989)*

At the request of USEPA, A.T. Kearney, Inc. conducted a Preliminary Review/Visual Site Inspection (PR/VSI) for the facility. Additional sampling was not conducted. The PR/VSI identified 46 solid waste management units (SWMUs) and one area of concern (AOC) and made recommendations for additional investigations. Three areas were identified as having a high potential for release: the former lagoons, the storage yard runoff area, and the rim room (Building 4).

2. *USEPA Investigation (November 1991)*

In November 1991, USEPA collected samples of groundwater, soil, and residual oil from the identified SWMUs and AOC (see Table 1-1). Sampling results confirmed the presence of cyanide, VOCs, and metals in soil and groundwater in the vicinity of the former lagoons. These data were used to supplement the proposal for Phase I sampling and analysis.

3. *RFI Revised Phase I Interim Report (T&B, September 1994)*

The Phase I RFI included collection and analysis of surface and subsurface soil, sediment, and/or groundwater samples from 27 AOCs. Fifteen additional monitoring wells were installed to assess on-site and off-site groundwater quality conditions. The RFI identified releases to soil and/or groundwater in

Close File

Table 1-1
Summary of Solid Waste Management Units

SWMU NO.	UNIT NAME/DESCRIPTION	GENERAL LOCATION	STATUS
1	Nickel WWT Tank (3,000 gal AFT)	Bldg. 8 WWTP	System off-line Inactive 06/27/00
2	Chrome WWT Tank #1 (1,600 gal AFT)	Bldg. 8 WWTP	System off-line Inactive 06/27/00
3	(Chrome WWT Tank #2) (3,000 gal AFT)	Bldg. 8 WWTP	System off-line Inactive 06/27/00
4	WWTP Floor Spills (Tank 2,800 gal AFT)	Bldg. 8 WWTP	System off-line Inactive 06/27/00
5	Zinc WWT Tank (2,800 gal AFT)	Bldg. 8 WWTP	System off-line Inactive 06/27/00
6	Mixing Tank (3,000 gal AFT)	Bldg. 8 WWTP	System off-line Inactive 06/27/00
7	WWTP Filter Press	Bldg. 8 WWTP	Still in use
8	WWTP Filter Press Hoppers	Bldg. 8 WWTP	Still in use
9	Sludge Roll-off Boxes	South of Bldg. 4	Removed
10	Nickel Filter	South of Bldg. 3	System off-line Inactive 06/27/00
11	pH Adjustment Tank (old)	South of Bldg. 3	System off-line Inactive 06/27/00
12	Storage Tank 11	Bldg. 3	System off-line Inactive 06/27/00
13	Drum Storage Room	Bldg. 1	Still in use
14	Hazardous Waste Drum Storage	South of Bldg. 4	No longer used
15	Scrap Metal roll-off	South of Bldg. 4	Still in use
16	Reflecting Pond	East of Warehouse	Closed July 2000
17	Storm Sewer	Site	Active
18	Sanitary Sewer	Site	Active
19	Paint Waste Accumulation Area	Bldg. 1 Third Floor	Corrected – Paint no longer used at site.
20	Paint Waste Accumulation Area	Warehouse Bldg. 13	Only powder paint.
21	Storage Yard Run-off Area	South of Bldg. 3	Active
22	Distillation Tanks	Bldg. 1	Removed
23	Stripping Area Floor Drains	Bldg. 17	Active
24	Nickel Transfer Tank	Bldg. 3	Closed June 2000
25	Chrome Transfer Tank #1	Bldg. 3	Closed 06/00
26	Chrome Transfer Tank #2	Bldg. 3	Closed 06/00

Close File

Table 1-1
Summary of Solid Waste Management Units

SWMU NO.	UNIT NAME/DESCRIPTION	GENERAL LOCATION	STATUS
27	Chrome 2 Transfer Tank #1	Bldg. 3	Closed 06/00
28	Nickel Reclamation Tank	Bldg. 3	Closed 06/00
29	Former Lagoons	South of Bldg. 4	Closed 07/00
30	Underground Discharge Pipe	East of Former Lagoons / West Side of Warehouse	Removed 07/00
31	Polishing Baghouse	South of Bldg. 4	Active
32	Furniture Polishing Baghouse	Between Bldg. 6 & 11	Active
33	Former Incinerator / Scrap Metal Fill Area	West of Warehouse (Bldg. 13)	Removed 07/00
34	Fire Pond	South of Bldg. 5, 6 & 11	Closed 07/00
35	Removed UST	West of Bldg. 11	Closed/Removed 09/98
36	Abandoned UST	Bldg. 1	Closed 09/94
37	Fuel Storage Area	South of Bldg. 5 & 6	Closed/Removed 09/98
38	Old Degreaser	Warehouse Bldg. 13	Inactive/Cleaned Inspected
39	Old Trenches and Sumps	Bldg. 3 Western Portion	Closed/Removed 09/98
40	Pickling Room Drain and Sump	Bldg. 7A	Inactive / Cleaned Inspected
41	Zinc Plating Line Trench and Sump	Bldg. 3 Western Portion	Removed 11/01
42	Nickel & Chrome Plating Line Sump	Bldg. 3 Eastern Portion	Removed 02/01
43	Decanting Tanks	Variable	Removed by Columbia
44	Rim Room	Bldg. 4	Remediated 12/01
45	Wastewater Treatment Pipes	Bldg.3 to Bldg.8 WWTP	Removed 02/01
46	Wastewater Treatment Room Sump	Bldg. 8 WWTP	Active
47	Gasoline UST	South of Bldg. 15	Closed/Removed 09/98
48	Abandoned UST	Bldg. 2	Removed 12/01
49	Rack Maintenance Area	Bldg. 2A	Active
50	UST	Bldg. 1 – 1A	Removed by Columbia
51	UST	Alley Bldg. 3 & 4	Removed 10/01
52	UST	Bldg. 17 East of Bldg. 4	Removed by Columbia

Close File

the vicinity of the plating operations, the wastewater treatment operations, the former lagoons, the waste storage yard, and the former reflecting pond. Based on the results of the Phase I activities, a Phase II scope of work was proposed.

4. Phase I RFI Data Summary and Revised Phase II Scope of Work (O'Brien & Gere Engineers, Inc. [O'Brien & Gere], December 1995)

The results of the Phase I were reviewed with USEPA in a meeting held in early 1996. Based on the outcome of that meeting, the results of the Phase I RFI were re-evaluated and a revised Phase II scope of work was proposed. Phase II activities were divided into two phases designated Phase IIA and Phase IIB.

5.* Phase IIA Summary Report *(O'Brien and Gere, January 1997)

Forty-one additional monitoring wells were installed as part of the Phase IIA RFI. Elevated concentrations of VOCs and metals related to facility operations were identified in various areas of the site in both groundwater and soil. Two distinct VOC groundwater plumes were identified; one on the north side and one on the south side of the site, associated with the maintenance area (Building 1) and the waste storage yard, respectively. Off-site migration of these plumes was confirmed. In addition, free phase hydrocarbon was observed in the southern portion of the site, near the fuel aboveground storage tanks (ASTs) and the rim room (Building 4).

6.* Phase IIB Summary Report *(O'Brien and Gere, March 1998)

Sixteen additional groundwater monitoring wells were installed and sampled as part of the Phase IIB RFI. The Phase IIB summary report concluded that the extent of the northern and southern VOC plumes in groundwater were characterized, and the extent of free phase hydrocarbon near the rim room and the AST farm was characterized.

1.3.3 Remedial Investigations

Beginning in September 2001, RMT, on behalf of MTD, initiated remedial investigations at the site to obtain the information necessary to begin corrective measures. Investigations conducted in September 2001 and May 2002 were used to design and refine a groundwater migration control system and a light nonaqueous-phase liquids (LNAPL) recovery system currently in place at the facility. The following bullets provide a brief summary of the investigations performed to support the remedial design:

Close File

- In September 2001, a groundwater screening investigation was conducted to obtain additional information pertaining to hydrogeochemical conditions beneath the site and to refine the conceptual site hydrogeologic model. During this investigation, groundwater samples were collected from 50 existing monitoring wells. Groundwater samples were analyzed for metals, VOCs and semivolatile organic compounds (SVOCs). An additional 34 discrete-interval groundwater samples collected using direct push techniques on the site from the northern portion of the facility and analyzed for VOCs. During this investigation, an area of LNAPL-affected groundwater was also identified. Additionally, 49 passive Emflux® soil gas probes were installed in the grassy areas on the north side of the facility, adjacent to Cycle Street. Data from this groundwater investigation was used to further define the extent of VOCs in the northern plume and aid in the design of the groundwater migration control system. A technical memorandum describing the activities performed and the findings of this field investigation is provided in Appendix A.
- A supplemental soil and groundwater investigation was conducted in May 2002 to characterize the extent of the LNAPL found during previous investigations conducted at the site to evaluate the potential for residual VOC source material to be present in soils beneath the portions of Building 1 and the former degreasing room (see Figure 1-2). Nineteen temporary well points were installed across the water table in various areas of the site to determine if petroleum-impacted soils and/or free phase product were present. Data from this investigation was used to refine the extent of LNAPL-affected soils and aided in the design of a dual-phase extraction (DPE) system. Additionally, ten soil samples were collected at varying depths beneath different portions of Building 1 and the former vapor degreasing room. Groundwater samples were also collected at two depths within the water table aquifer to assess the vertical distribution of VOCs in these areas. A technical memorandum describing the activities and findings of this field investigation is provided in Appendix B.
- During August 2003, a relatively large influx of free phase product was recovered by the dual-phase extraction (DPE) system. As a result, modifications were made to the system and a groundwater and soil investigation was conducted to assess the potential for a continuing source of LNAPL to exist under the Building 1 (see Figure 1-2). A technical memorandum summarizing the investigation findings and conclusions is provided in Appendix C.
- During this investigation, 18 temporary well points were installed to assess the thickness and extent of LNAPL beneath Building 1.

Close File

1.3.4 Voluntary Interim Corrective Measures

Remedial investigations conducted at the site have identified and/or further characterized VOC plumes in groundwater on the north and south sides of the facility and LNAPL beneath the northern portion of the facility. MTD has voluntarily performed the following corrective measures to address these issues:

- **Groundwater Migration Control**: VOCs are present in groundwater in the shallow, water table aquifer, along the northern portion of the facility. Remedial investigations conducted on behalf of MTD have shown that VOC-affected groundwater has migrated off the site toward a residential area. To control this migration of VOC-affected groundwater to off-site areas, MTD has installed and currently operates a groundwater recovery system. This system consists of seven groundwater recovery wells located along the northern property boundary that extract VOC-affected groundwater from the aquifer and hydraulically control the direction of groundwater flow. The groundwater migration control system has been operating at the site since March 2003.
- **LNAPL Recovery**: Remedial investigations conducted on behalf of MTD identified LNAPL, consisting primarily of highly weathered cutting oil, present on the water table surface beneath the parking area in the northern portion of the facility. Approximately 0.05 to 0.15 feet of LNAPL has been measured within a 900-square foot area north of the existing facility building (Building 1). In addition, residual cutting oil and fuel oil was encountered in the unsaturated soil or "smear zone" above the water table in an area of approximately 20,000-square feet. As an interim corrective measure, a DPE system was designed and installed. The LNAPL system consists of seven DPE wells positioned within the LNAPL zone. A vacuum is applied to these wells to increase the groundwater gradient towards the wells within the affected area. This system was installed to remove the LNAPL and to prevent LNAPL migration toward the newly installed groundwater recovery wells. DPE was selected as the preferred remedial technology to address both free-phase liquids at the water table as well as the LNAPL residuals adsorbed to the overlying soil. Additionally the DPE system recovers vapors produced from the extraction of VOCs and LNAPL affected groundwater and soil. The DPE system has been operating at the site since May 2003.

1.4 Purpose and Scope

This report has been prepared to summarize the performance of the groundwater migration control system and the DPE system from start-up through the end of 2003. Included in this report are descriptions of the operation and maintenance (O&M) tasks, including system upgrades, that have been implemented to more effectively operate the interim corrective measures systems installed in the northern portion of the site.

Close File

Information documented in this report includes the following:

- Operations, maintenance, and performance monitoring results of the migration control system, including monitoring results from the recovery wells, in accordance with *Operations and Maintenance Manual Light Non-Aqueous Phase Liquids Extraction and Groundwater Migration Control System* (RMT, Inc. July 2003).
- Quarterly groundwater monitoring results from select monitoring wells located in the vicinity of the migration control system
- Operations, maintenance, and performance monitoring results of the LNAPL extraction system in accordance with *Operations and Maintenance Manual Light Non-Aqueous Phase Liquids Extraction and Groundwater Migration Control System* (RMT, Inc. July 2003).

Close File

Section 2
Groundwater Migration Control System Performance

During the first quarter of 2003, a migration control system was installed at the Columbia Manufacturing Facility in Westfield, Massachusetts. The system was installed for the purposes of recovering affected groundwater from the areas adjacent the system and for controlling the migration of the VOCs in groundwater off the site.

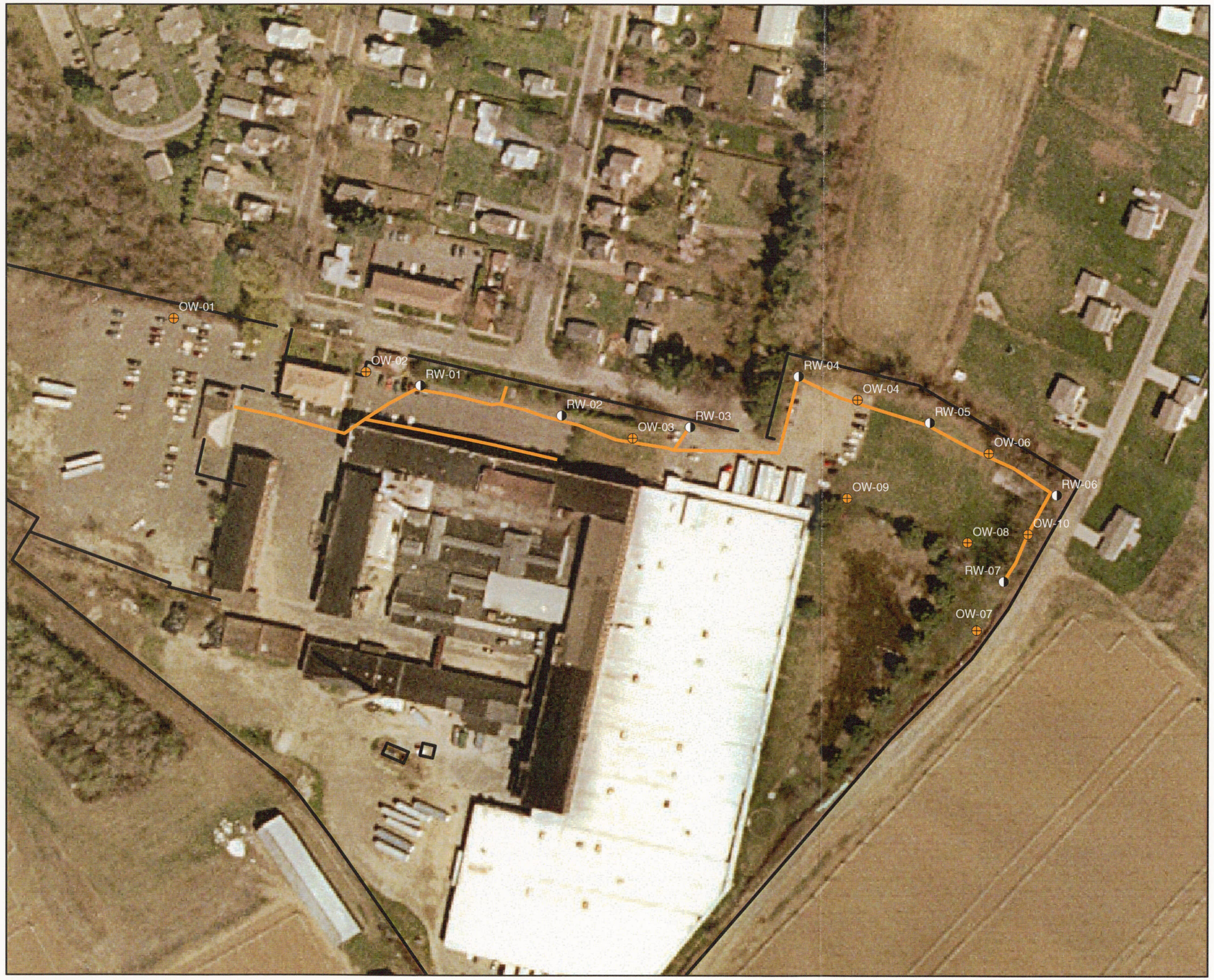
System startup began during March 2003, following initial startup and trouble shooting that was conducted during January and March 2003.

The groundwater recovery system has operated as intended. Equipment downtime has been limited to routine maintenance and minor repair. The recovery system has been operating for 10 months with no significant downtime. This section of the report describes the system startup and initial troubleshooting, as well as, operation, maintenance, and monitoring (OM&M) activities for groundwater recovery. The report includes the operation period from May 2003 through December 2003.

2.1 System Operations and Maintenance

The migration control system consists of seven recovery wells (RW-01 through RW-07) strategically located adjacent to the facility's northern property line to control VOCs migrating off the site. A layout of the system is provided on Figure 2-1. A submersible pump controlled by an individual variable speed drive (VSD) has been installed in each of the seven recovery wells. The VSD adjusts the speed of the motor to obtain the optimal amount of drawdown necessary to maximize groundwater capture. Pumping rates in each well are automatically adjusted, using in-well pressure transducers. Groundwater withdrawn from the recovery wells is collected temporarily in storage tanks on the site and trucked for disposal at the City of Westfield Water Pollution Control Plant (WPCP). System operating performance is monitored daily by on-site operations and maintenance contractors and remotely using an autodialer system.

Close File



AERIAL PHOTO SOURCE: OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICES OF ENVIRONMENTAL AFFAIRS.

0 150 300 Feet

LEGEND

- RECOVERY WELL LOCATIONS
- OBSERVATION WELL LOCATIONS
- TRENCH LINES
- PROPERTY LINE/FENCE LINE

NOTES

RECOVERY WELLS AND OBSERVATION WELLS INSTALLED DURING DECEMBER 2002 AND JANUARY 2003

NO.	BY	DATE	REVISION	APP'D.
3.				
2.				
1.				

PROJECT :
MTD PRODUCTS INC.
COLUMBIA MANUFACTURING FACILITY

SHEET TITLE:
MIGRATION CONTROL SYSTEM LAYOUT

DRAWN BY: TLH	SCALE AS NOTED	PROJECT NO.: 998.89
CHECKED BY: BCB		FILE NO.:
APPROVED BY: BEC	DATE PRINTED:	FIGURE 2-1
DATE: JULY 2004	JULY 2004	

RMT
100 Verdae Boulevard
P.O. Box 16778
Greenville, SC 29606
(864) 281-0030

Map Document: (P:\Hydro\998\Westfield-MA\ArcView\ArcGIS\2003SystemPerformanceRpt\RW&OW_Piping.mxd)
7/14/2004 -- 2:07:32 PM

Close File

2.1.1 System Startup and Initial Trouble Shooting

System startup began March 10, 2003. Recovery wells RW-3, RW-4, and RW-5 were initially the only operational wells. Electrical controls problems were identified in recovery wells RW-1, RW-2, RW-6, and RW-7. Electrical connections were found to be faulty in the wiring leading to RW-1 and RW-2. Repairs were made and, RW-1 and RW-2 were put online by March 15, 2003. The VSDs for RW-6 and RW-7 could not operate properly due to interference received within the VSD as a result of the long wiring length required between the VSDs and the pumps. The issue was resolved by relocating the VSDs for RW-6 and RW-7 at the wells. Drawdown was originally set such that 50 percent of the water in the well screens would be removed. All recovery wells were meeting 50 percent drawdown setpoints by May 1, 2003.

RW-5 began operating sporadically in May. This problem was resolved by relocating the VSD for RW-5 at the well. The drawdown setpoints for the recovery wells were modified to 70 percent and all wells were meeting 70 percent drawdown by June 1, 2003. Sporadic operation was observed by RW-4 in July. The VSD for RW-4 was relocated to the well and normal operation of RW-4 resumed. With the exception of normal, planned maintenance, all recovery wells have been operational, since July 2003.

2.1.2 System Modifications

Based on daily evaluations of the system's performance, regular system maintenance and system modifications implemented during the first 10 months of operations are described in the following discussions:

- System status forms continue to be completed every other day, in accordance with the procedures set forth in the *Operations and Maintenance Manual*, *Light Non-aqueous Phase Liquids Extraction and Groundwater Migration Control System,* (RMT, Inc. July 2003). A copy of the status form is provided in Appendix D.
- Two in-line bag filters are used to remove suspended solids from the groundwater recovered from the seven recovery wells prior to its discharge into the temporary storage tanks. These bag filters are replaced twice a week, or if the pressure differential between the pre-filter and post-filter pressure gauges increases above 10 per square inch (psi).

System modifications implemented to increase efficiency during the first six months of system operations are described as follows:

- During initial system setup, recovered groundwater was routed through an in-line liquid phase carbon filter, placed in-line after the bag filter. The carbon filter was

Close File

used during the initial stages of pumping when VOC concentrations were expected to be greatest, to reduce the amount of VOCs in the groundwater. The analytical data collected from the liquid phase carbon influent samples indicated the concentrations of VOCs detected in the recovered groundwater were already below the City of Westfield WPCP discharge permit limits before being treated by the carbon. Thus, the liquid phase carbon filter was bypassed. The carbon filter remains in-line for the option of routing recovered groundwater through again, if needed in the future.

- VSDs for recovery wells RW-04 through RW-07, originally located inside the pump house, were moved outside to the recovery well locations to decrease the amount of electrical interference that appeared to be affecting the performance of the pumps.
- To reduce the amount of silt and sand that continued to be withdrawn from the recovery wells, all of the recovery wells were redeveloped during June 2003.
- To increase recovery by the migration control system, a secondary bag filter was installed in parallel with the original bag filter. This additional bag filter reduced the amount of back pressure buildup on the system due to moderate concentrations of suspended solids.
- The pump in recovery well RW-6 is scheduled to be upsized to increase the groundwater withdrawal rate, optimize drawdown during periods of higher precipitation, and maximize groundwater capture.

2.2 System Performance Monitoring

The objectives of the groundwater migration control system are as follows:

- Recovery of affected groundwater in the areas adjacent to the system.
- Minimize the potential of off-site migration of VOCs in groundwater north of the facility

To evaluate the performance of the system in achieving these objectives, the following information was collected and evaluated:

- Pumping rates were recorded
- Water levels were measured in monitoring wells site-wide
- Groundwater samples were collected from the performance monitoring well network, including 13 monitoring wells, located both on the site and off the site, and seven recovery wells. Monitoring wells and recovery wells that were sampled to evaluate system performance are shown on Figure 2-2.

Close File

LEGEND

- MONITORING WELLS SAMPLED
- MONITORING WELL LOCATIONS
- RECOVERY WELL LOCATIONS
- PROPERTY LINE/FENCE LINE

AERIAL PHOTO SOURCE: OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICES OF ENVIRONMENTAL AFFAIRS.

0 200 400 Feet

NO.	BY	DATE	REVISION	APP'D.
3.				
2.				
1.				

PROJECT : MTD PRODUCTS INC.
COLUMBIA MANUFACTURING FACILITY

SHEET TITLE:
PERFORMANCE MONITORING NETWORK

DRAWN BY: TLH	SCALE AS NOTED	PROJECT NO.: 998.89
CHECKED BY: BCB		FILE NO.:
APPROVED BY: BEC	DATE PRINTED: JULY 2004	FIGURE 2-2
DATE: JULY 2004		

RMT

100 Verdae Boulevard
P.O. Box 16778
Greenville, SC 29606
(864) 281-0030

Map Document: (P:\Hydro\998\Westfield-MA\ArcView\ArcGIS\2003SystemPerformanceRpt\PerformanceMonitoringNetwork.mxd)
7/14/2004 -- 2:10:02 PM

Close File

Information pertaining to the hydrogeology, specifically changes in water flow resulting from pumping, were used to evaluate the ability of the system to control off-site migration. Groundwater quality data was used to assess changes in groundwater quality and reduction in the mass of VOCs.

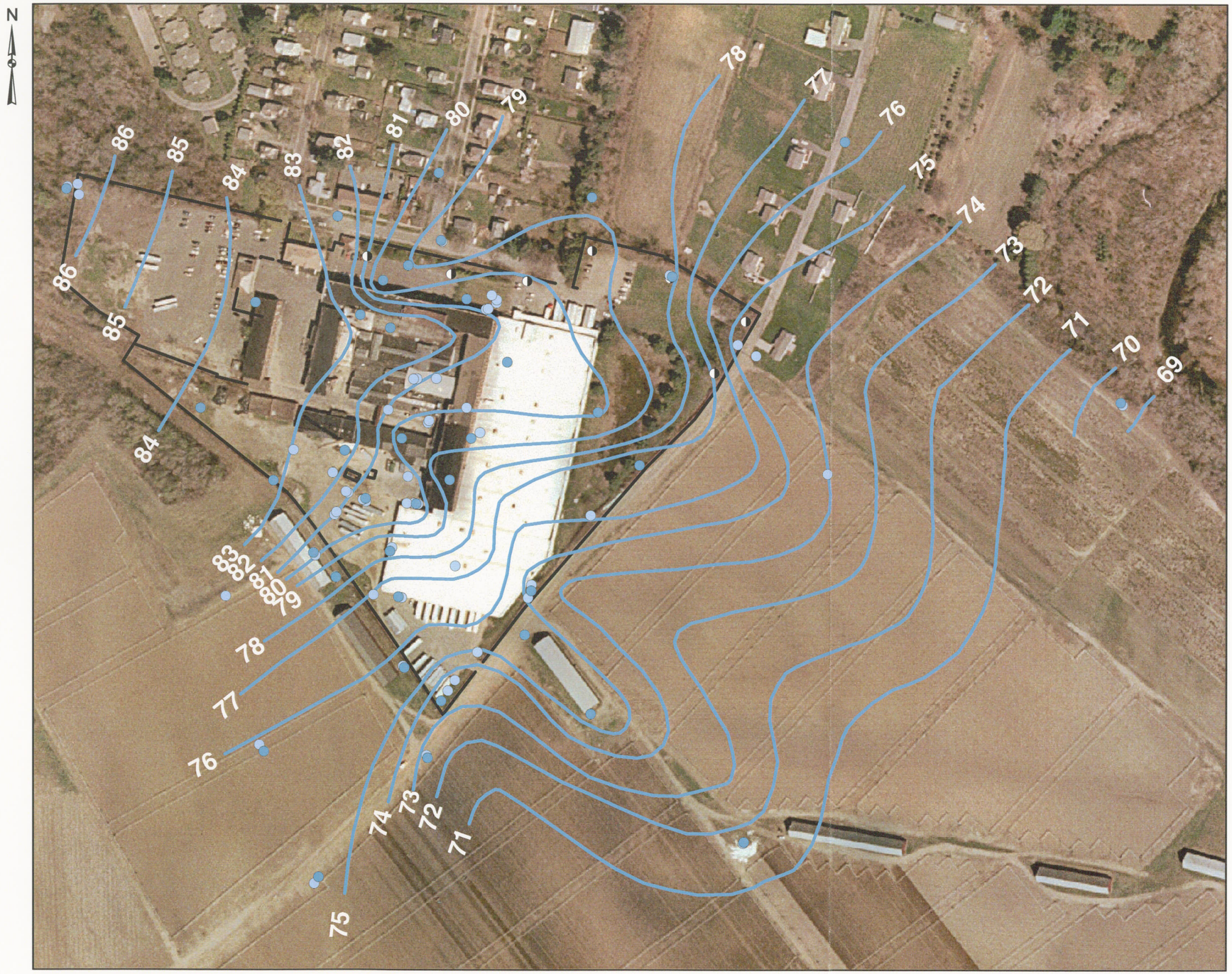
2.2.1 Current Hydrogeology

To document the effect of the system on the direction of groundwater flow, water levels were measured in all available on-site and off-site monitoring wells and recovery wells during each of the performance groundwater monitoring events. This water level data indicates the system is locally influencing the direction of groundwater flow in the northern portion of the facility and preventing off-site migration of VOCs. Additionally, the off-site portion of the VOC plume is within the area of influence of the recovery system.

In general, groundwater beneath the site flows in a semi-radial pattern toward the Little River, located east and south of the facility. Locally, groundwater flow within the surficial aquifer is influenced by the variability of the top of the lacustrine surface. A groundwater divide potentially influenced by a high in the lacustrine surface that is oriented northeast-southwest appears to be present in the vicinity of the former plating room. Prior to system startup, flow in the surficial aquifer was semi-radial, flowing in a northeast direction north of the groundwater divide and in a south to southeasterly direction south of the groundwater divide, off the site toward the Little River. The groundwater divide can be seen on the December 2002 water table configuration presented on Figure 2-3.

Since system startup, the direction of groundwater flow in the northern portion of the site has been continuously influenced by the operation of the recovery wells. In contrast to the December 2002 water table configuration, the September 2003 water level data and resulting water table configuration shows how the groundwater recovery system has altered the groundwater flow regime. The area influenced by pumping extends along the length of the recovery system and has expanded approximately 750 feet in a north-south direction. This area of influence covers the portion of the plume where VOCs in the northern VOC plume would most likely migrate off the site (Figure 2-4). The area of influence by the system was confirmed by the December 2003 water level data (Figure 2-5). Water level data from December 2002, September 2003, and December 2003 is summarized on Table 2-1.

Close File



AERIAL PHOTO SOURCE: OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICES OF ENVIRONMENTAL AFFAIRS.

0 250 500 Feet

LEGEND

- MONITORING WELL USED FOR WATER TABLE INTERPRETATION
- MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- PROPERTY LINE/FENCE LINE
- DECEMBER 2002 WATER TABLE CONTOURS

NOTES

RECOVERY WELLS SHOWN FOR REFERENCE. RECOVERY WELLS INSTALLED DURING DECEMBER 2002 AND JANUARY 2003.

NO.	BY	DATE	REVISION	APP'D.
3.				
2.				
1.				

PROJECT: MTD PRODUCTS INC. COLUMBIA MANUFACTURING FACILITY

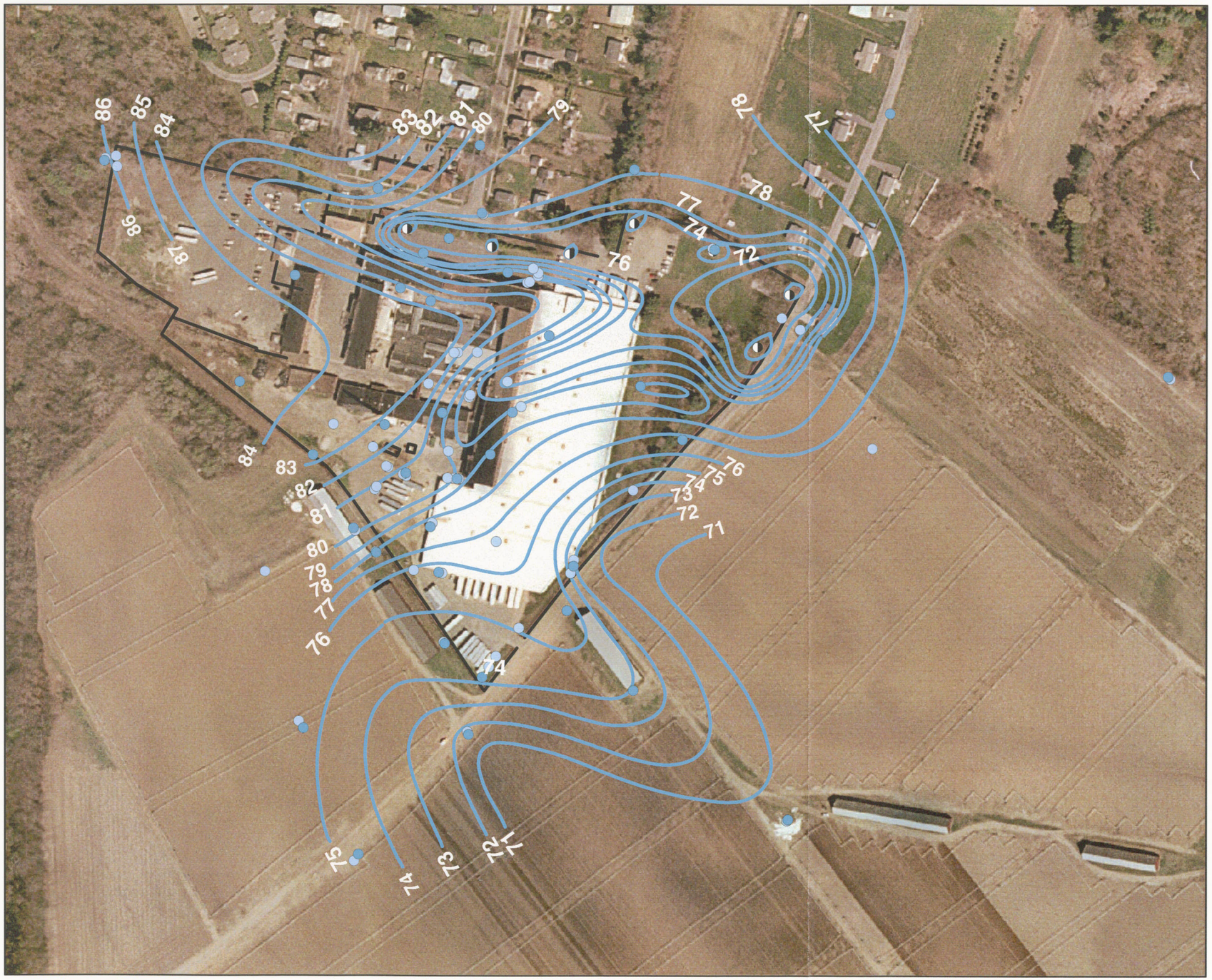
SHEET TITLE: WATER TABLE CONFIGURATION (DECEMBER 2002)

DRAWN BY: TCH	SCALE AS NOTED	PROJECT NO.: 998.89
CHECKED BY: BCB		FILE NO.: Dec2002GWconfig
APPROVED BY: BEC	DATE PRINTED: JULY 2004	FIGURE 2-3
DATE: JULY 2004		

RMT
100 Verdae Boulevard
P.O. Box 16778
Greenville, SC 29606
(864) 281-0030

Map Document: (P:\Hydro\998\Westfield-MA\ArcView\ArcGIS\2003SystemPerformanceRpt\Dec2002GWconfig.mxd)
7/14/2004 -- 2:13:31 PM

Close File



AERIAL PHOTO SOURCE: OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICES OF ENVIRONMENTAL AFFAIRS.

0 250 500 Feet

LEGEND

- MONITORING WELL USED FOR WATER TABLE INTERPRETATION
- MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- PROPERTY LINE/FENCE LINE
- SEPTEMBER 2003 WATER TABLE CONTOURS

NOTES

RECOVERY WELLS SHOWN FOR REFERENCE. RECOVERY WELLS INSTALLED DURING DECEMBER 2002 AND JANUARY 2003.

NO.	BY	DATE	REVISION	APP'D.
3.				
2.				
1.				

PROJECT : MTD PRODUCTS INC. COLUMBIA MANUFACTURING FACILITY

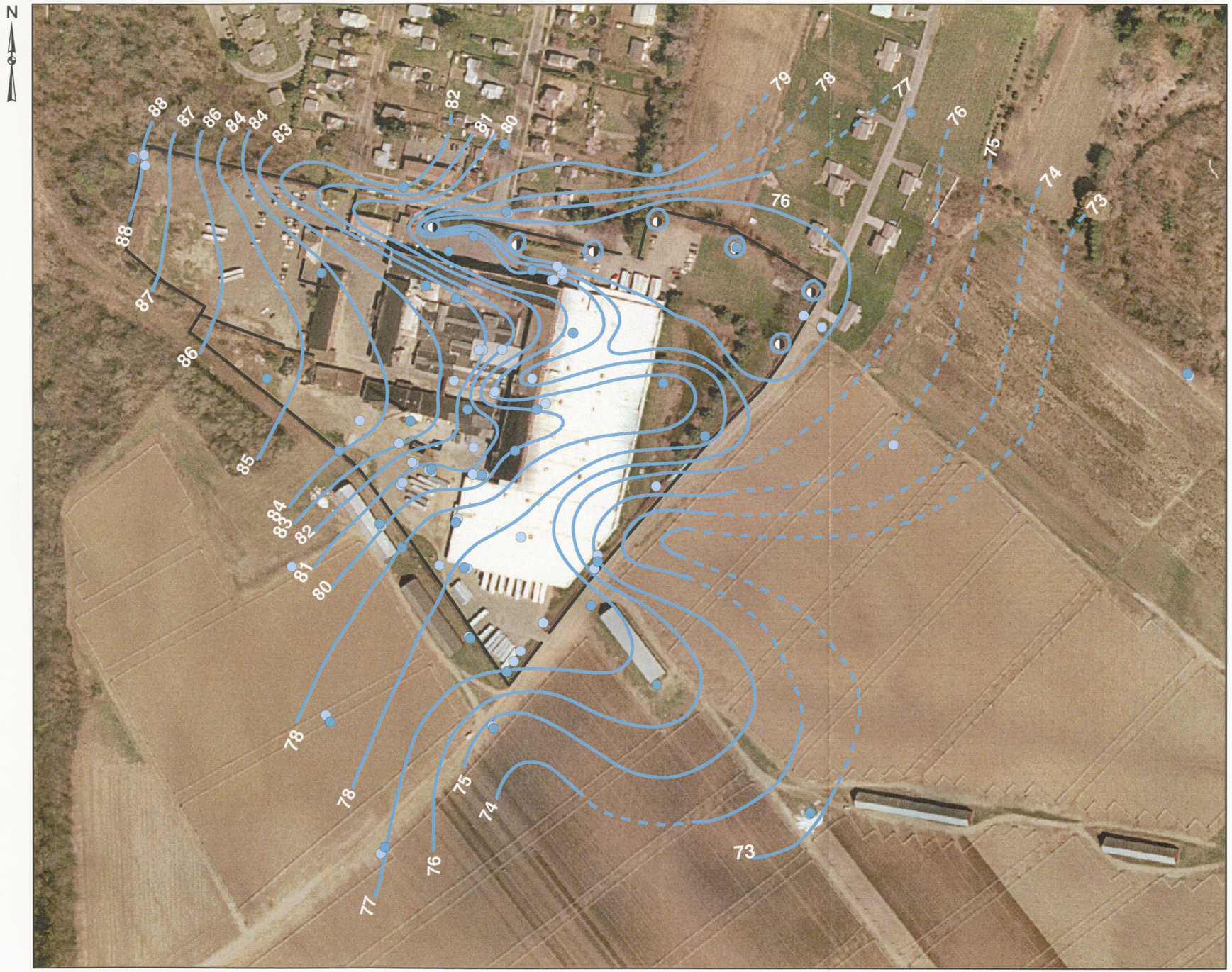
SHEET TITLE: WATER TABLE CONFIGURATION (SEPTEMBER 2003)

DRAWN BY: ARR	SCALE AS NOTED	PROJECT NO.: 998.89
CHECKED BY: BCB		FILE NO.: SEPT2003wwt
APPROVED BY: BEC	DATE PRINTED:	FIGURE: 2-4
DATE: JULY 2004	JULY 2004	

RMT
100 Verdae Boulevard
P.O. Box 16778
Greenville, SC 29606
(864) 281-0030

Map Document: (P:\Hydro\998\Westfield-MA\ArcView\ArcGIS\2003SystemPerformanceRpt\September2003WWT.mxd)
7/14/2004 -- 2:35:43 PM

Close File



AERIAL PHOTO SOURCE: OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICES OF ENVIRONMENTAL AFFAIRS.

0 250 500 Feet

LEGEND

- MONITORING WELL USED FOR WATER TABLE INTERPRETATION
- MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- PROPERTY LINE / FENCE LINE
- DECEMBER 2003 WATER TABLE CONTOURS

NOTES

RECOVERY WELLS SHOWN FOR REFERENCE. RECOVERY WELLS INSTALLED DURING DECEMBER 2002 AND JANUARY 2003.

NO.	BY	DATE	REVISION	APP'D.
3.				
2.				
1.				

PROJECT :
MTD PRODUCTS INC.
COLUMBIA MANUFACTURING FACILITY

SHEET TITLE:
WATER TABLE CONFIGURATION
(DECEMBER 2003)

DRAWN BY: ARR	SCALE AS NOTED	PROJECT NO.: 998.89
CHECKED BY: BCB		FILE NO.: DEC2003WWT
APPROVED BY: BEC	DATE PRINTED:	FIGURE: 2-5
DATE: JULY 2004	JULY 2004	

RMT
100 Verdae Boulevard
P.O. Box 16778
Greenville, SC 29606
(864) 281-0030

Map Document: (P:\Hydro\998\Westfield-MA\ArcView\ArcGIS\2003SystemPerformanceRpt\December2003WWT.mxd)
7/14/2004 -- 2:18:13 PM

Close File

Table 2-1
Summary of Water Level Elevations

WELL ID	DECEMBER 18, 2002		SEPTEMBER 24, 2003		DECEMBER 4, 2003	
	DEPTH TO WATER	WATER LEVEL ELEVATION	DEPTH TO WATER	WATER LEVEL ELEVATION	DEPTH TO WATER	WATER LEVEL ELEVATION
MW-01I	11.78	81.85	12.22	81.41	9.3	84.33
MW-02I	12.39	75.44	17.76	70.07	10.87	76.96
MW-02S	9.86	78.15	10.16	77.85	9	79.01
MW-03I	12.16	75.71	12.52	75.35	11.06	76.81
MW-03S	9.76	78.02	10.18	77.6	8.91	78.87
MW-04D	23.41	66.81	19.38	70.84	18.73	71.49
MW-04I	11.39	77.72	11.56	77.55	10.61	78.5
MW-04S	9.28	80.77	9.59	80.46	9.32	80.73
MW-07I	14.02	74.84	14.54	74.32	12.77	76.09
MW-07S	8.51	80.28	8.36	80.43	8.48	80.31
MW-08I	14.78	73.92	15.54	73.16	13.34	75.36
MW-08S	12.54	75.94	13.7	74.78	11.05	77.43
MW-09D	18.32	71.81	18.58	71.55	16.99	73.14
MW-09I	15.94	72.98	16.47	72.45	14.63	74.29
MW-09S	18.03	73.54	17.26	74.31	14.56	77.01
MW-10I	13.25	74.69	13.79	74.15	11.78	76.16
MW-10S	11.99	76.38	12.82	75.55	10.55	77.82
MW-11I	12.59	74.82	14.49	72.92	12.41	75
MW-12I	17.86	70.84	18.52	70.18	16.69	72.01
MW-12S	14.58	74.02	15.61	72.99	14.03	74.57
MW-13S	5.46	81.71	5.59	81.58	5.56	81.61
MW-14C	5.37	82.74	5.4	82.71	4.76	83.35
MW-14D	14.1	74.14	14.33	73.91	12.85	75.39
MW-14I	7.49	78.31	7.4	78.4	6.79	79.01
MW-14I/D	14.61	71.49	14.85	71.25	13.39	72.71
MW-14S	7.05	80.69	7.07	80.67	6.66	81.08
MW-16SR	NI	NI	6.65	78.2	6.61	78.24
MW-17S	NM	NM	5.29	82.56	NM	NM
MW-18A	6.18	82.72	6.17	82.73	6.21	82.69
MW-18S	7.2	79.8	6.89	80.11	7.7	79.3
MW-19S	NM	NM	NM	NM	6.16	82.06
MW-20B	5.05	81.24	5.54	80.75	5.8	80.49
MW-20C	4.38	81.07	4.82	80.63	4.96	80.49

NI Not Installed
NM Not Measured

Close File

Table 2-1
Summary of Water Level Elevations

WELL ID	DECEMBER 18, 2002		SEPTEMBER 24, 2003		DECEMBER 4, 2003	
	DEPTH TO WATER	WATER LEVEL ELEVATION	DEPTH TO WATER	WATER LEVEL ELEVATION	DEPTH TO WATER	WATER LEVEL ELEVATION
MW-21S	9.92	75.52	11.36	74.08	8.78	76.66
MW-22I	14.43	74.86	15.45	73.84	12.96	76.33
MW-22S	14.14	72.96	15.39	71.71	12.68	74.42
MW-23I	14.95	75.46	15.97	74.44	13.33	77.08
MW-23S	NM	NM	NM	NM	11.6	78.65
MW-24D	19.2	70.52	19.2	70.52	17.98	71.74
MW-24I	12.42	77.37	13.68	76.11	13.13	76.66
MW-24I/D	18.43	71.66	16.79	73.3	14.51	75.58
MW-24S	9.68	80.51	11.07	79.12	11.96	78.23
MW-25BR	21.85	72.03	22.04	71.84	20.71	73.17
MW-25D	21.97	72.23	22.09	72.11	20.76	73.44
MW-25S	7.51	86.46	7.16	86.81	5.43	88.54
MW-26I	14.61	76.72	14.88	76.45	13.01	78.32
MW-27I	NI	NI	13.31	74.21	12.17	75.35
MW-27S	9.3	79.32	9.36	79.26	8.85	79.77
MW-28S	7.1	83.56	7.23	83.43	6.53	84.13
MW-29I	16.74	71.3	17.29	70.75	15.28	72.76
MW-29S	16.45	71.56	17.29	70.72	14.86	73.15
MW-32I	9.8	75.77	10.27	75.3	9.79	75.78
MW-32S	5.05	80.52	5.33	80.24	5.62	79.95
MW-33I	11.45	69.18	11.36	69.27	10.81	69.82
MW-33S	11	69.69	11.13	69.56	10.32	70.37
MW-34S	NM	NM	11.78	76.71	10.54	77.95
MW-35I	12.85	76.36	15.63	73.58	13.91	75.3
MW-35S	5.37	80.18	5.53	80.02	6.39	79.16
MW-36S	10.19	78.42	9.9	78.71	9.44	79.17
MW-38S	8.22	83.25	8.37	83.1	7.42	84.05
MW-39S	6.23	83.66	NM	NM	4.59	85.3
MW-40I	11.22	72.4	12.11	71.51	10.78	72.84
MW-40S	5.91	78.32	7.59	76.64	7.45	76.78
MW-41S	8.31	80.35	9.05	79.61	NM	NM
MW-43S	7.42	76.69	7.87	76.24	7.84	76.27
MW-44S	NM	NM	10.89	73.96	8.96	75.89

NI Not Installed
NM Not Measured

Close File

Table 2-1
Summary of Water Level Elevations

WELL ID	DECEMBER 18, 2002		SEPTEMBER 24, 2003		DECEMBER 4, 2003	
	DEPTH TO WATER	WATER LEVEL ELEVATION	DEPTH TO WATER	WATER LEVEL ELEVATION	DEPTH TO WATER	WATER LEVEL ELEVATION
MW-45S	5.61	78.74	6.25	78.1	5.04	79.31
MW-46S	6.58	79.79	6.43	79.94	6.72	79.65
MW-47BR	20.18	70.98	20.3	70.86	18.95	72.21
MW-47S	11.31	75.01	11.02	75.3	8.98	77.34
MW-48I	15.12	75.55	15.84	74.83	13.52	77.15
MW-48S	15.2	75.46	15.89	74.77	13.62	77.04
MW-50I	16.03	71.91	16.34	71.6	15.42	72.52
MW-51S	5.82	82.38	6.2	82	6.19	82.01
MW-52S	NM	NM	8.65	78.87	8.33	79.19
MW-53D	19.15	70.05	19.35	69.85	17.98	71.22
MW-53I	14.14	75.19	14.96	74.37	14.09	75.24
MW-54D	18.12	70.97	18.4	70.69	16.81	72.28
MW-54I	14.26	74.76	14.58	74.44	13.27	75.75
PG-01	7.33	80.67	NM	NM	6.66	81.34
OW-01	NI	NI	6.9	82.48	5.59	83.79
OW-02	NI	NI	6.06	81.21	5.97	81.3
OW-03	NI	NI	6.78	77.94	7.64	77.08
OW-04	NI	NI	NM	NM	NM	NM
OW-05	NI	NI	9.95	74.57	11.22	73.29
OW-06	NI	NI	13.1	71.41	8.67	77.43
OW-07	NI	NI	13.18	71.48	11.49	73.17
OW-08	NI	NI	11.68	73.3	10.03	74.95
OW-09	NI	NI	6.19	76.54	6.32	76.41

NI Not Installed
NM Not Measured

Close File

Water level data shows that the migration control system is operating as designed by locally influencing the direction of groundwater in the northern portion of the facility. The cone of depression that appears to extend across the northern plume continues to control the migration of affected groundwater from flowing off the site.

2.2.2 Performance Groundwater Monitoring and Results

To document the changes in groundwater quality through time and evaluate the performance of the system, groundwater samples were collected from 13 performance monitoring wells located both on the site and off the site. With the exception of MW-51S, groundwater quality data indicates that the extent of the VOC plume has been reduced since system startup. Groundwater samples collected from the off-site wells during September and December 2003 continues to indicate the migration of VOCs off the site is not occurring.

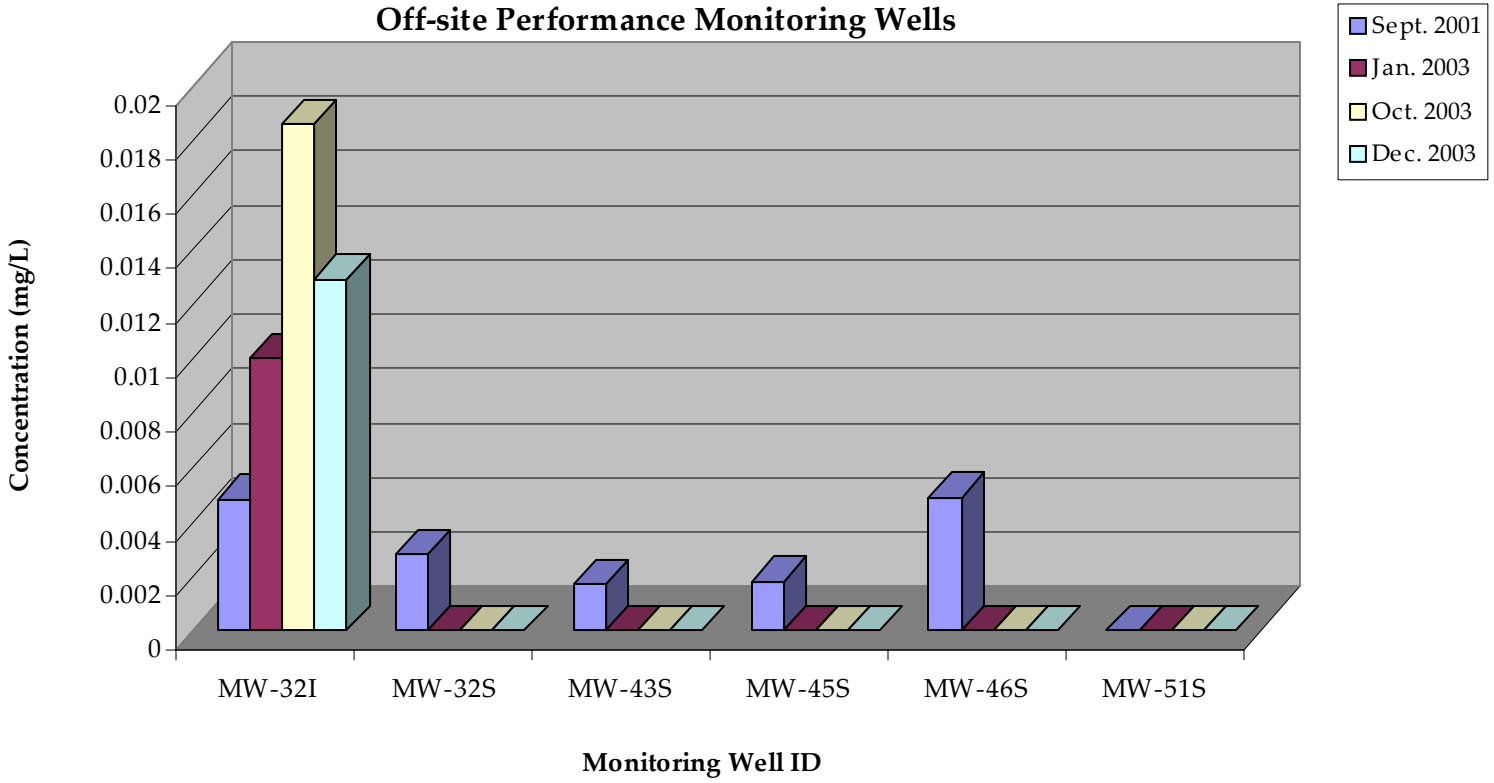
Baseline sampling was conducted during January 2003 and the first semiannual groundwater sampling event, following system startup, was conducted during September 2003. Additionally, monitoring wells were also sampled during December 2003. To further assess the effectiveness of the system, recovery wells were sampled during May and September 2003. Analytical data are summarized on Tables 2-2 and 2-3 and laboratory data sheets are provided in Appendix E.

Monitoring Well Results

Groundwater samples were collected from 13 monitoring wells (MW-11I, MW-20B, MW-20C, MW-24S, MW-32I, MW-32S, MW-40I, MW-40S, MW-43S, MW-45S, MW-46S, MW-51S, and MW-53I), located on the northern portion of the facility during the baseline sampling event conducted in January 2003, the first semiannual event conducted in September 2003, and the additional groundwater sampling event conducted in December 2003 (Table 2-2 and Table 2-3). Time versus concentration graphs for select chlorinated VOCs detected in samples collected from on-site wells and off-site wells are provided as Figures 2-6 through 2-13. The spatial distribution of select chlorinated VOCs over time per constituent detected in groundwater are summarized on Plate 1 through Plate 4.

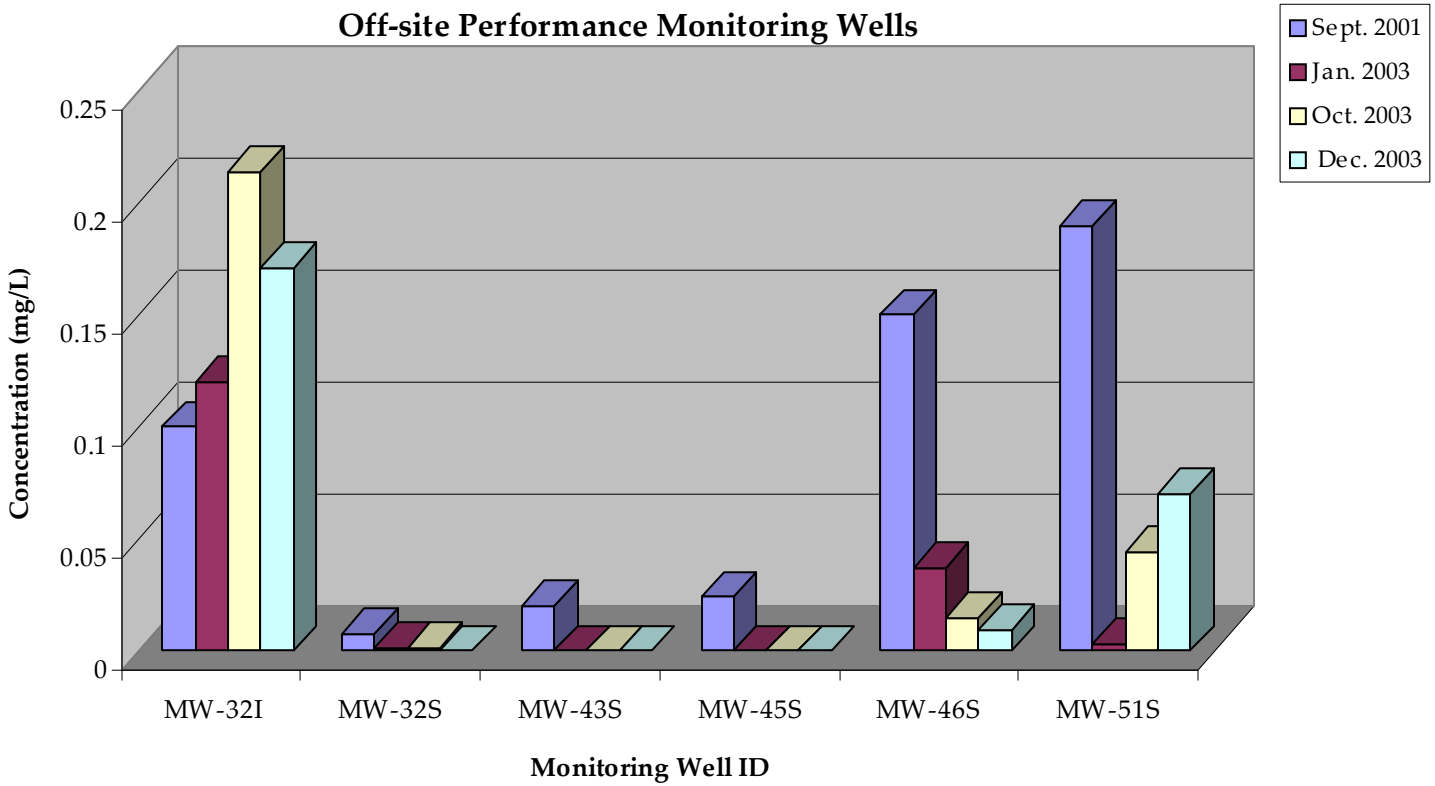
Close File

Figure 2-6
Summary of Tetrachloroethene Concentrations
Off-site Performance Monitoring Wells



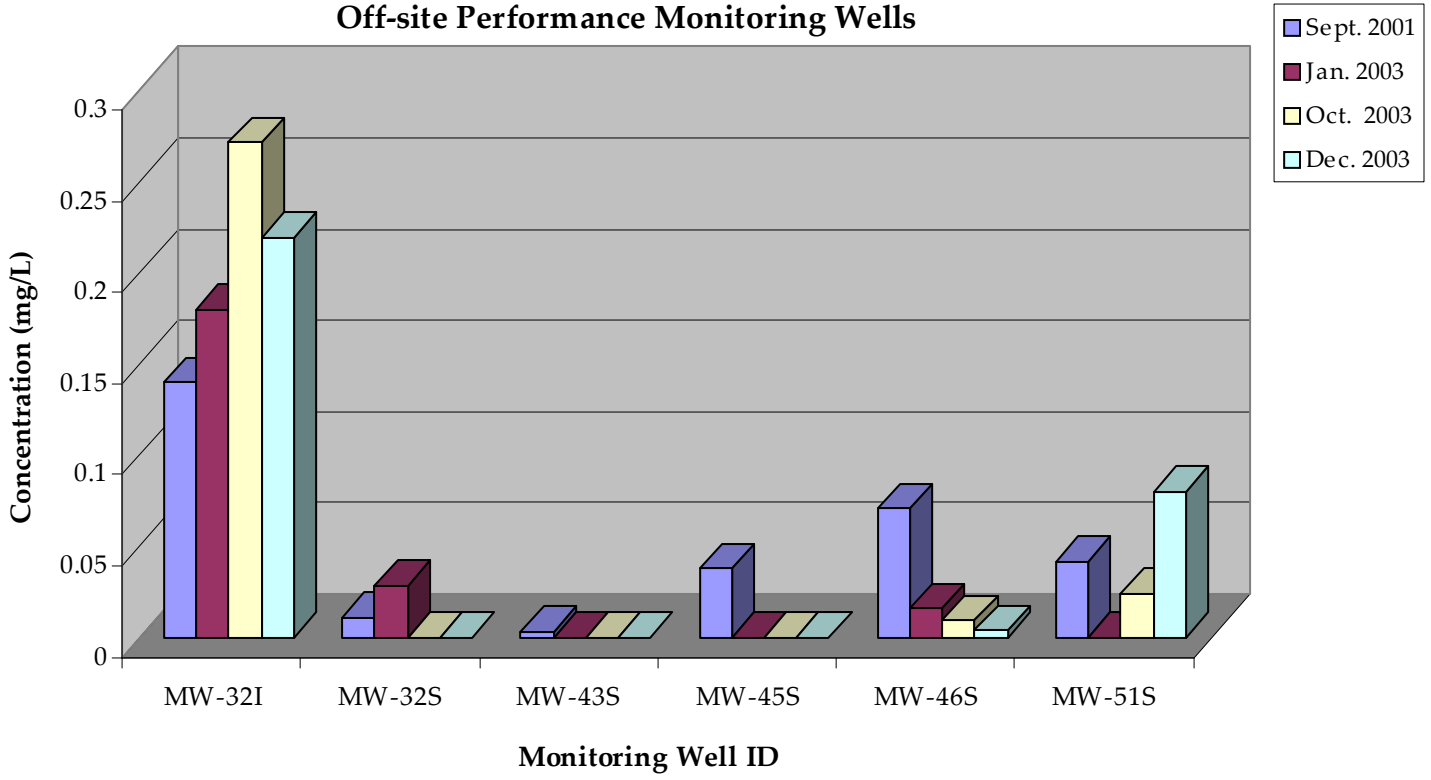
Close File

Figure 2-7
Summary of Trichloroethene Concentrations
Off-site Performance Monitoring Wells



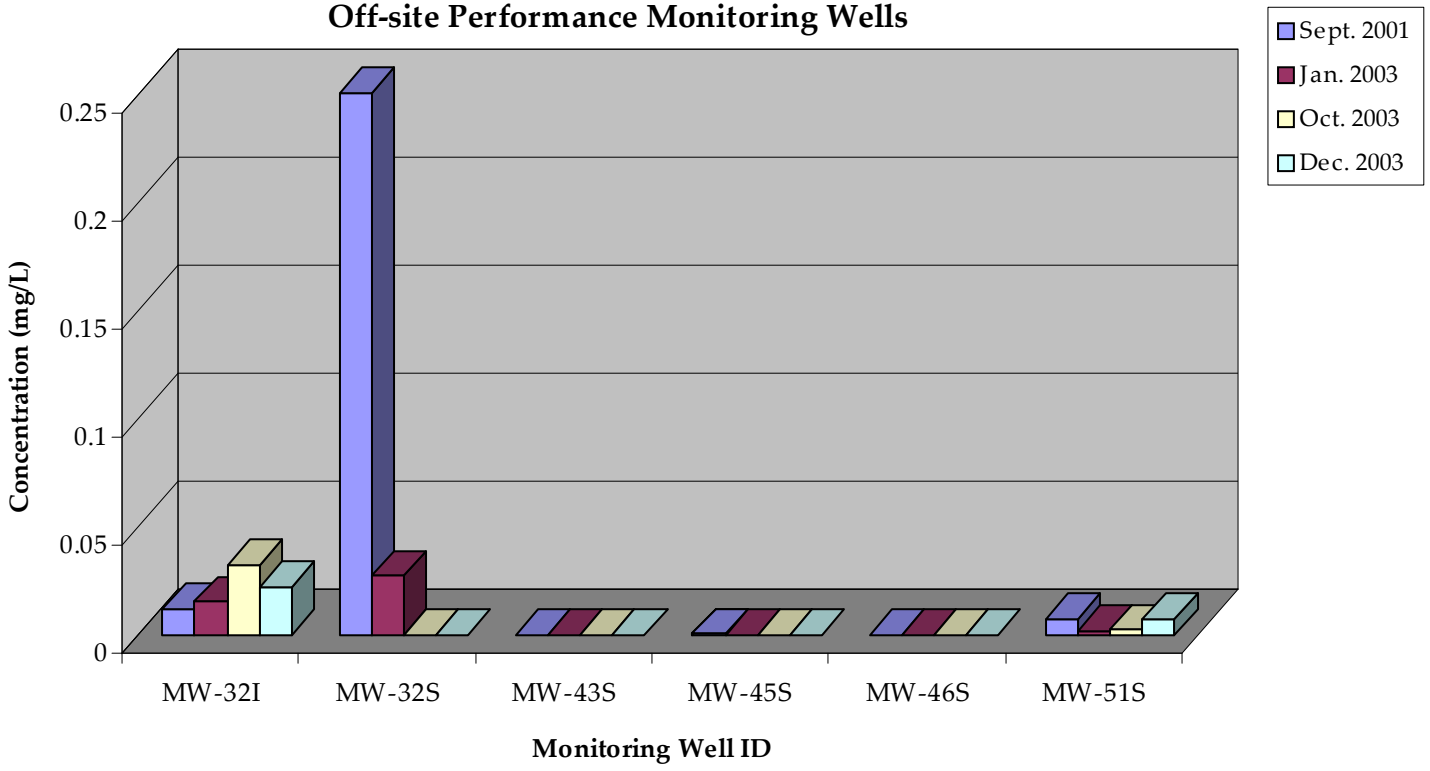
Close File

Figure 2-8
Summary of cis-1,2-Dichloroethene Concentrations
Off-site Performance Monitoring Wells



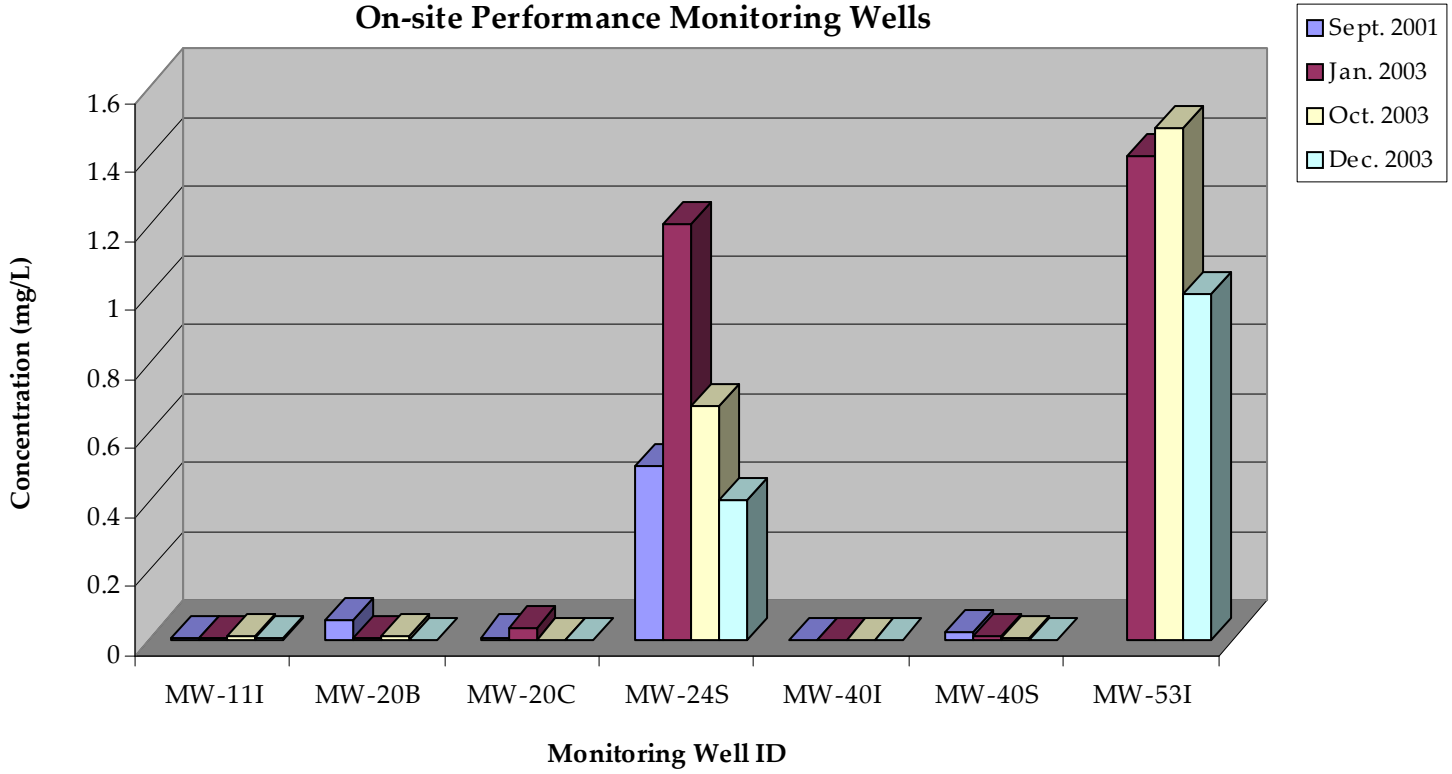
Close File

Figure 2-9
Summary of Vinyl Chloride Concentrations
Off-site Performance Monitoring Wells



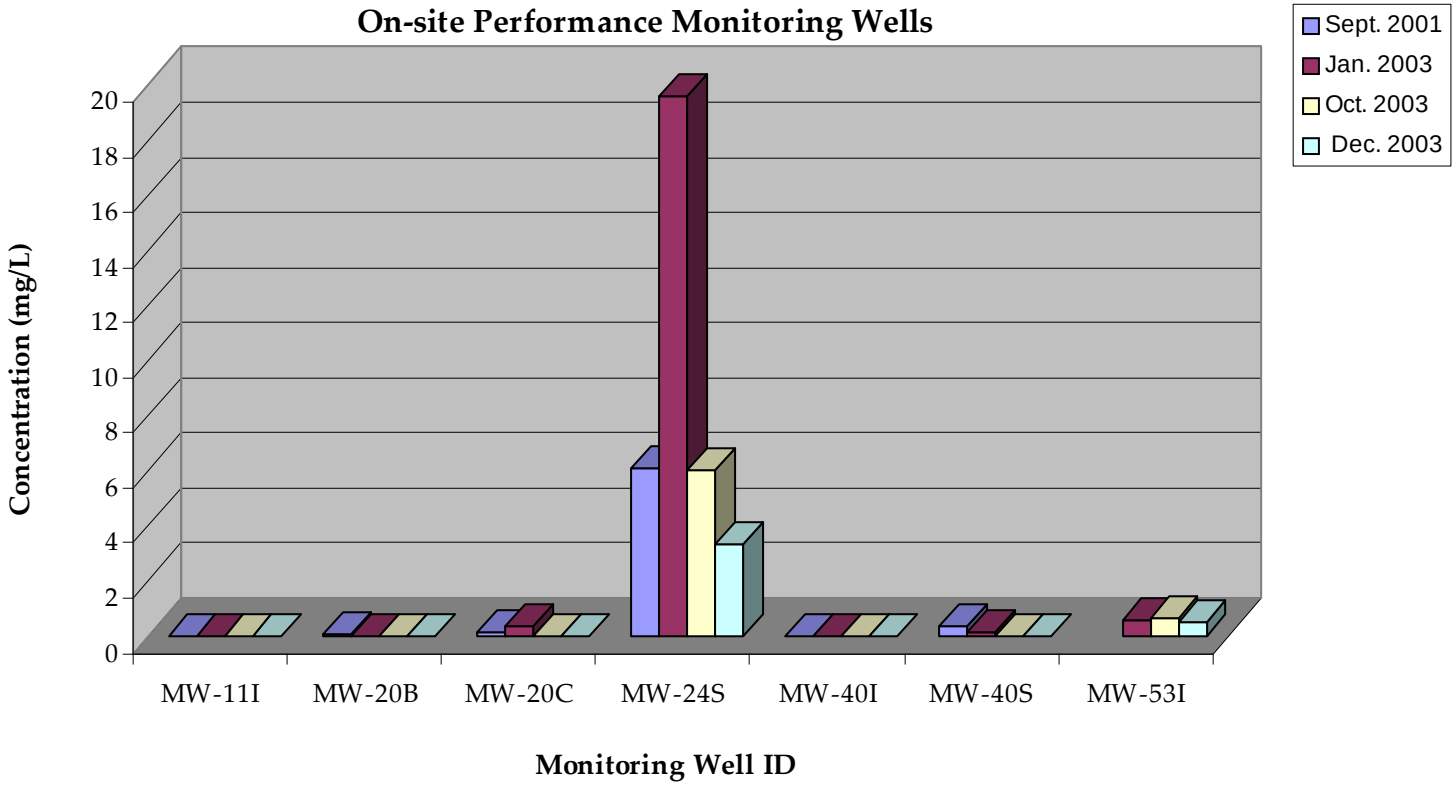
Close File

Figure 2-10
Summary of Tetrachloroethene Concentrations
On-site Performance Monitoring Wells



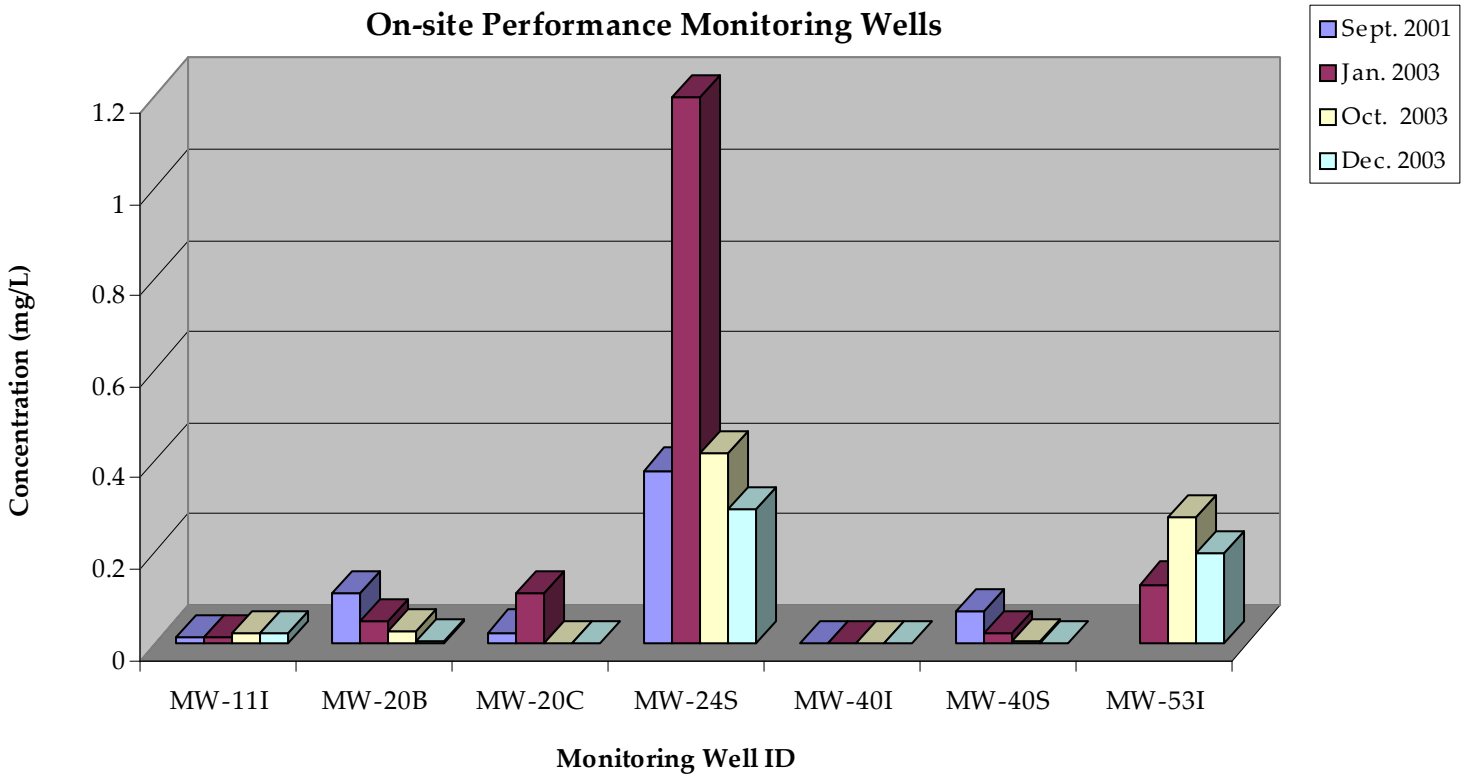
Close File

Figure 2-11
Summary of Trichloroethene Concentrations
On-site Performance Monitoring Wells



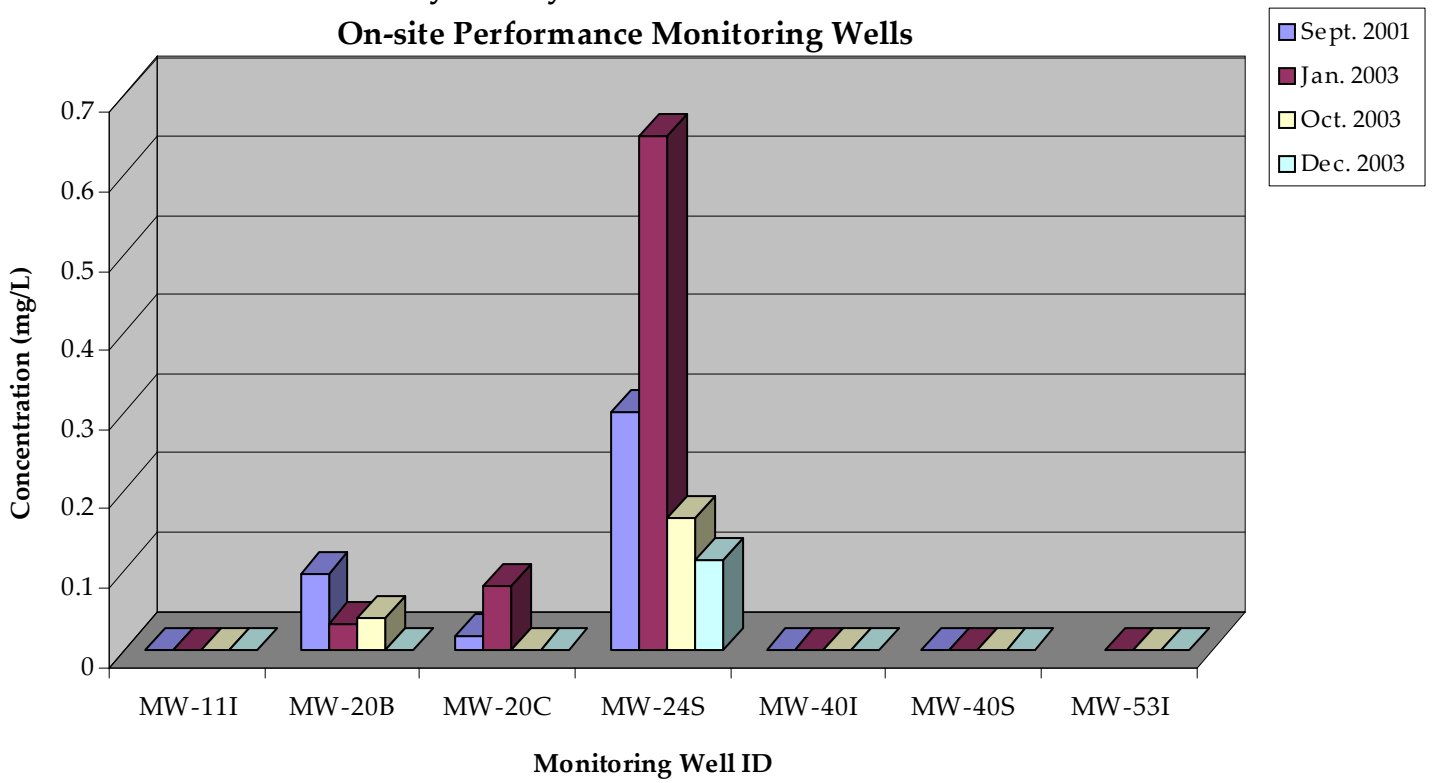
Close File

Figure 2-12
Summary of cis-1,2-Dichloroethene Concentrations
On-site Performance Monitoring Wells



Close File

Figure 2-13
Summary of Vinyl Chloride Concentrations
On-site Performance Monitoring Wells



Close File

Table 2-2
Summary of Detections in Groundwater Off-site Monitoring Wells

PARAMETER [1]	MCL [2]	LOCATION/SAMPLE DATE					
		MW-32I 09/24/01	MW-32I 01/22/03	MW-32I 09/26/03	MW-32I 12/19/03	MW-32S 09/24/01	MW-32S 01/22/03
Volatile Organics							
Benzene	0.005	**0.0055**	**0.0065**	**0.009**	**0.00675**	<0.001	<0.001
sec-Butylbenzene	--	<0.001	<0.001	<0.005	<0.005	**0.0011**	<0.001
tert-Butylbenzene	--	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001
Chloroform	0.08	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001
1,1-Dichloroethane	--	**0.0014**	<0.001	<0.005	<0.005	**0.016**	**0.0013**
1,1-Dichloroethene	0.007	<0.001	**0.0011**	<0.005	<0.005	**0.0021**	<0.001
cis-1,2-Dichloroethene	0.07	**0.14**	**0.18**	**0.272**	**0.22**	**0.011**	**0.0029**
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.005	<0.005	**0.002**	<0.001
Isopropylbenzene	--	<0.001	<0.001	<0.005	<0.005	**0.0019**	**0.0011**
Methyl tert-butyl ether	--	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001
Naphthalene	--	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001
Tetrachloroethene	0.005	**0.0048**	**0.01**	**0.0186**	**0.0129**	**0.0028**	<0.001
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001
Trichloroethene	0.005	**0.1**	**0.12**	**0.214**	**0.171**	**0.0074**	**0.0015**
Vinyl chloride	0.002	**0.012**	**0.015**	**0.0322**	**0.0222**	**0.25**	**0.027**

[1] Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.

[2] Maximum Contaminant Level (*Drinking Water Standards and Health Advisories*; USEPA, Summer 2000).

< - Concentration less than the Laboratory Reporting Limit.

Bolded text indicates detection

Shaded text indicates concentration exceeds MCL.

Close File

Table 2-2
Summary of Detections in Groundwater Off-site Monitoring Wells

PARAMETER [1]	MCL [2]	LOCATION/SAMPLE DATE					
		MW-32S 10/02/03	MW-32S 12/19/03	MW-43S 09/24/01	MW-43S 01/23/03	MW-43S 10/02/03	MW-43S 12/19/03
Volatile Organics							
Benzene	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
sec-Butylbenzene	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
tert-Butylbenzene	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform	0.08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	0.07	<0.001	<0.001	**0.0033**	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl tert-butyl ether	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Naphthalene	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	0.005	<0.001	<0.001	**0.0017**	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	0.005	**0.00141**	<0.001	**0.02**	<0.001	<0.001	<0.001
Vinyl chloride	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

[1] Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.

[2] Maximum Contaminant Level (*Drinking Water Standards and Health Advisories*; USEPA, Summer 2000).

< - Concentration less than the Laboratory Reporting Limit.

Bolded text indicates detection

Shaded text indicates concentration exceeds MCL.

Close File

Table 2-2
Summary of Detections in Groundwater Off-site Monitoring Wells

PARAMETER [1]	MCL [2]	LOCATION/SAMPLE DATE					
		MW-45S 09/27/01	MW-45S 01/23/03	MW-45S 10/02/03	MW-45S 12/19/03	MW-46S 09/25/01	MW-46S 01/23/03
Volatile Organics							
Benzene	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
sec-Butylbenzene	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
tert-Butylbenzene	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform	0.08	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0019**
1,1-Dichloroethane	--	**0.0022**	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	0.07	**0.038**	<0.001	<0.001	<0.001	**0.071**	**0.016**
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl tert-butyl ether	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Naphthalene	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	0.005	**0.0018**	<0.001	<0.001	<0.001	**0.0049**	<0.001
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	0.005	**0.024**	<0.001	<0.001	<0.001	**0.15**	**0.037**
Vinyl chloride	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

[1] Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.

[2] Maximum Contaminant Level (*Drinking Water Standards and Health Advisories*; USEPA, Summer 2000).

< - Concentration less than the Laboratory Reporting Limit.

Bolded text indicates detection

Shaded text indicates concentration exceeds MCL.

Close File

Table 2-2
Summary of Detections in Groundwater Off-site Monitoring Wells

PARAMETER [1]	MCL [2]	LOCATION/SAMPLE DATE					
		MW-46S 09/26/03	MW-46S 12/19/03	MW-51S 09/25/01	MW-51S 01/22/03	MW-51S 10/02/03	MW-51S 12/19/03
Volatile Organics							
Benzene	0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
sec-Butylbenzene	--	<0.001	<0.001	<0.005	**0.0023**	**0.00171**	<0.001
tert-Butylbenzene	--	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Chloroform	0.08	**0.00112**	**0.00165**	<0.005	<0.001	<0.001	<0.001
1,1-Dichloroethane	--	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
1,1-Dichloroethene	0.007	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	0.07	**0.00936**	**0.00387**	**0.042**	**0.0066**	**0.0246**	**0.0806**
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Isopropylbenzene	--	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Methyl tert-butyl ether	--	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Naphthalene	--	<0.001	<0.001	<0.005	**0.0011**	**0.00145**	<0.001
Tetrachloroethene	0.005	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001
Trichloroethene	0.005	**0.0149**	**0.00958**	**0.19**	**0.0034**	**0.0439**	**0.0698**
Vinyl chloride	0.002	<0.001	<0.001	**0.007**	**0.0017**	**0.00186**	**0.00687**

[1] Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.

[2] Maximum Contaminant Level (*Drinking Water Standards and Health Advisories* ; USEPA, Summer 2000).

< - Concentration less than the Laboratory Reporting Limit.

Bolded text indicates detection

Shaded text indicates concentration exceeds MCL.

Close File

Table 2-3
Summary of Detections in Groundwater On-site Monitoring Wells

PARAMETER [1]	MCL [2]	LOCATION/SAMPLE DATE						
		MW-11I 09/27/01	MW-11I 01/22/03	MW-11I 09/26/03	MW-11I 12/19/03	MW-20B 09/27/01	MW-20B 01/21/03	MW-20B 09/26/03
Volatile Organics								
Benzene	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
sec-Butylbenzene	--	<0.001	<0.001	<0.001	<0.001	**0.0036**	**0.0026**	**0.00114**
tert-Butylbenzene	--	<0.001	<0.001	<0.001	<0.001	**0.0013**	**0.0011**	<0.001
Chloroform	0.08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	--	<0.001	<0.001	<0.001	<0.001	**0.0024**	<0.001	<0.001
1,1-Dichloroethene	0.007	<0.001	<0.001	<0.001	<0.001	**0.0039**	<0.001	<0.001
cis-1,2-Dichloroethene	0.07	**0.013**	**0.015**	**0.0208**	**0.0208**	**0.11**	**0.049**	**0.0271**
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.001	<0.001	**0.0015**	<0.001	<0.001
Isopropylbenzene	--	<0.001	<0.001	<0.001	<0.001	**0.003**	**0.0029**	**0.00244**
Methyl tert-butyl ether	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Naphthalene	--	<0.001	<0.001	<0.001	<0.001	**0.0016**	<0.001	<0.001
Tetrachloroethene	0.005	**0.0039**	**0.0051**	**0.00691**	**0.00574**	**0.055**	**0.0061**	**0.00822**
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	0.005	**0.013**	**0.028**	**0.0415**	**0.0396**	**0.084**	**0.015**	**0.00666**
Vinyl chloride	0.002	<0.001	<0.001	<0.001	<0.001	**0.096 j**	**0.032**	**0.0404**

[1] Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.

[2] Maximum Contaminant Level (*Drinking Water Standards and Health Advisories*; USEPA, Summer 2000).

j - Concentration considered an estimate based on data validation.

< - Concentration less than the Laboratory Reporting Limit.

Bolded text indicates detection

Shaded text indicates concentration exceeds MCL.

Close File

Table 2-3
Summary of Detections in Groundwater On-site Monitoring Wells

PARAMETER [1]	MCL [2]	LOCATION/SAMPLE DATE						
		MW-20B 12/19/03	MW-20C 09/26/01	MW-20C 01/21/03	MW-20C 09/26/03	MW-20C 12/19/03	MW-24S 09/26/01	MW-24S 01/21/03
Volatile Organics								
Benzene	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.025
sec-Butylbenzene	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.025
tert-Butylbenzene	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.025
Chloroform	0.08	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.025
1,1-Dichloroethane	--	<0.001	<0.001	**0.0016**	<0.001	<0.001	<0.05	**0.033**
1,1-Dichloroethene	0.007	<0.001	<0.001	**0.004**	<0.001	<0.001	<0.05	**0.04**
cis-1,2-Dichloroethene	0.07	**0.00559**	**0.024**	**0.11**	<0.001	<0.001	**0.38**	**1.2**
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	**0.0011**	<0.001	<0.001	<0.05	<0.025
Isopropylbenzene	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.025
Methyl tert-butyl ether	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.025
Naphthalene	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	<0.025
Tetrachloroethene	0.005	<0.001	**0.0067**	**0.035**	<0.001	<0.001	**0.5**	**1.2**
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.05	**0.14**
Trichloroethene	0.005	<0.001	**0.18**	**0.41**	<0.001	<0.001	**6.1**	**19.6**
Vinyl chloride	0.002	**0.00118**	**0.018 j**	**0.081**	<0.001	<0.001	**0.3 j**	**0.65**

[1] Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.

[2] Maximum Contaminant Level (*Drinking Water Standards and Health Advisories*; USEPA, Summer 2000).

j - Concentration considered an estimate based on data validation.

< - Concentration less than the Laboratory Reporting Limit.

Bolded text indicates detection

Shaded text indicates concentration exceeds MCL.

Close File

Table 2-3
Summary of Detections in Groundwater On-site Monitoring Wells

PARAMETER [1]	MCL [2]	LOCATION/SAMPLE DATE						
		MW-24S 09/26/03	MW-24S 12/19/03	MW-40I 09/26/01	MW-40I 01/23/03	MW-40I 09/26/03	MW-40I 12/19/03	MW-40S 09/26/01
Volatile Organics								
Benzene	0.005	<0.1	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001
sec-Butylbenzene	--	<0.1	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001
tert-Butylbenzene	--	<0.1	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform	0.08	<0.1	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	--	<0.1	<0.05	<0.001	<0.001	<0.001	<0.001	**0.0036**
1,1-Dichloroethene	0.007	<0.1	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	0.07	**0.418**	**0.296**	<0.001	<0.001	<0.001	<0.001	**0.07**
trans-1,2-Dichloroethene	0.1	<0.1	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	--	<0.1	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl tert-butyl ether	--	<0.1	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001
Naphthalene	--	<0.1	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	0.005	**0.677**	**0.402**	<0.001	<0.001	<0.001	<0.001	**0.022**
1,1,1-Trichloroethane	0.2	<0.001	<0.05	<0.001	<0.001	<0.001	<0.001	**0.0016**
Trichloroethene	0.005	**6.01**	**3.38**	**0.0035**	<0.001	<0.001	<0.001	**0.37**
Vinyl chloride	0.002	**0.168**	**0.113**	<0.001	<0.001	<0.001	<0.001	<0.001

[1] Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.

[2] Maximum Contaminant Level (*Drinking Water Standards and Health Advisories*; USEPA, Summer 2000).

j - Concentration considered an estimate based on data validation.

< - Concentration less than the Laboratory Reporting Limit.

Bolded text indicates detection

Shaded text indicates concentration exceeds MCL.

Close File

Table 2-3
Summary of Detections in Groundwater On-site Monitoring Wells

PARAMETER [1]	MCL [2]	LOCATION/SAMPLE DATE					
		MW-40S 01/23/03	MW-40S 09/26/03	MW-40S 12/19/03	MW-53I 01/22/03	MW-53I 09/26/03	MW-53I 12/19/03
Volatile Organics							
Benzene	0.005	<0.001	<0.001	<0.001	**0.014**	**0.0177**	**0.0124**
sec-Butylbenzene	--	<0.001	<0.001	<0.001	<0.005	<0.01	<0.01
tert-Butylbenzene	--	<0.001	<0.001	<0.001	<0.005	<0.01	<0.01
Chloroform	0.08	<0.001	<0.001	<0.001	<0.005	<0.01	<0.01
1,1-Dichloroethane	--	<0.001	<0.001	<0.001	<0.005	<0.01	<0.01
1,1-Dichloroethene	0.007	<0.001	<0.001	<0.001	<0.005	<0.01	<0.01
cis-1,2-Dichloroethene	0.07	**0.012**	**0.00343**	<0.001	**0.13**	**0.278**	**0.198**
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.001	<0.005	<0.01	<0.01
Isopropylbenzene	--	<0.001	<0.001	<0.001	<0.005	<0.01	<0.01
Methyl tert-butyl ether	--	<0.001	**0.0011**	<0.001	<0.005	<0.01	<0.01
Naphthalene	--	<0.001	<0.001	<0.001	<0.005	<0.01	<0.01
Tetrachloroethene	0.005	**0.0045**	**0.00178**	<0.001	**1.4**	**1.48**	**1**
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001	<0.005	<0.001	<0.01
Trichloroethene	0.005	**0.06**	**0.0148**	**0.00277**	**0.6**	**0.656**	**0.498**
Vinyl chloride	0.002	<0.001	<0.001	<0.001	<0.005	<0.01	<0.01

[1] Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.

[2] Maximum Contaminant Level (*Drinking Water Standards and Health Advisories* ; USEPA, Summer 2000).

j - Concentration considered an estimate based on data validation.

< - Concentration less than the Laboratory Reporting Limit.

Bolded text indicates detection

Shaded text indicates concentration exceeds MCL.

Close File

Off-site Groundwater Monitoring Results

The following findings pertain to changes in groundwater quality conditions observed in monitoring wells located off the site and are based on the analytical results obtained from the groundwater samples collected from monitoring wells MW-32I, MW-32S, MW-43S, MW-45S, MW-46S, and MW-51S:

- Four chlorinated VOCs (CVOCs) (cis-1,2-dichloroethene [cis-1,2-DCE], tetrachloroethene [PCE], trichloroethene [TCE], and vinyl chloride) have been historically identified at concentrations above their relative Maximum Contaminant Levels (MCLs) in groundwater samples collected from one or more of the off-site performance monitoring wells.
- Time versus concentration trends show that, with the exception of intermediate well MW-32I and shallow well MW-51S, concentrations of CVOCs observed in the off-site wells are decreasing.
- CVOCs were not identified in samples collected from wells MW-43S and MW-45S during the January, September, or December 2003 sampling events. CVOC concentrations above MCLs were observed in these wells prior to the January 2003 sampling event.
- Prior to system startup, both TCE and vinyl chloride were observed in samples collected from MW-32S at concentrations above their respective MCLs. However, since system startup, the concentrations of CVOCs observed in groundwater samples collected from this well have decreased such that they were not detected at all during the December 2003 sampling event.
- Concentrations of CVOCs observed in groundwater samples collected from well MW-46S continue to exhibit a decreasing trend since system startup.
- CVOCs continue to be identified in samples collected from intermediate well MW-32I at concentrations above their respective MCLs. Other than seasonal variations, there appears to be no discernable trend in the VOC concentrations observed in this well.
- Concentrations of CVOCs observed in samples collected from well MW-51S appear to fluctuate over time with no discernable trend.

On-site Groundwater Monitoring Results

The following findings pertain to changes in groundwater quality conditions observed in monitoring wells on the site and are based on the analytical results

Close File

of the groundwater samples collected from monitoring wells MW-11I, MW-20B, MW-20C, MW-24S, MW-40I, MW-40S, and MW-53I:

- Four CVOCs (cis-1,2-DCE, PCE, TCE, and vinyl chloride) have been historically identified at concentrations above their relative MCLs in groundwater samples collected from one or more of the on-site performance monitoring wells.
- The highest concentrations of CVOCs continue to be detected in samples collected from monitoring well MW-24S. As shown on the time versus concentration graphs for the on-site monitoring wells, concentrations of these constituents observed in well MW-24S, while still above their respective MCLs, have exhibited a decreasing trend since system startup.
- Although concentrations of VOCs observed in samples collected from well MW-20B have fluctuated over time, they exhibit an overall decreasing trend.
- VOCs have not been detected in samples collected from well MW-20C since system startup.
- Concentrations of VOCs observed in samples collected from well MW-40S have continued to decrease since system startup.
- VOCs have not been observed in MW-40I during any of the performance groundwater monitoring sampling events since September 2001.
- Intermediate wells MW-11I and MW-53I continue to show fluctuations in VOC concentrations over time with no discernable trend.

Recovery Well Results

Groundwater samples were collected from the seven recovery wells (RW-01 through RW-07) during May 2003, following system startup, and September 2003. A summary of constituents detected in groundwater recovery wells is presented on Table 2-4, and laboratory data sheets are provided in Appendix E. The following findings pertain to groundwater quality conditions observed in samples collected from the recovery wells.

- Four CVOCs (cis-1,2-DCE, PCE, TCE, and vinyl chloride) have been detected at concentrations above their respective MCLs in samples collected from one or more of the seven recovery wells.
- Concentrations of CVOCs observed in recovery wells RW-03 through RW-07 have generally increased between May and September 2003.

Close File

Table 2-4
Summary of Detections in Groundwater Recovery Wells

PARAMETER[1]	MCL[2]	LOCATION/SAMPLE DATE							
		RW-01 05/23/03	RW-01 09/12/03	RW-02 05/23/03	RW-02 09/12/03	RW-03 05/23/03	RW-03 09/12/03	RW-04 05/23/03	RW-04 09/12/03
Volatile Organics									
1,1-Dichloroethane	--	<0.001	<0.001	<0.025	<0.001	**0.0016**	<0.001	**0.0013**	**0.005**
1,1-Dichloroethene	0.007	<0.001	<0.005	<0.025	<0.01	**0.001**	<0.005	<0.001	<0.005
cis-1,2-Dichloroethene	0.07	**0.076**	**0.0757**	**0.37**	**0.09**	**0.034**	**0.0456**	**0.028**	**0.118**
Methyl tert-butyl ether	--	<0.001	<0.001	<0.05	<0.001	<0.002	<0.001	**0.004**	<0.001
Tetrachloroethene	0.005	**0.0077**	**0.00745**	**0.23**	**0.0236**	**0.015**	**0.022**	**0.012**	**0.0456**
1,1,1-Trichloroethane	0.2	<0.001	<0.005	<0.025	<0.01	**0.0012**	<0.005	<0.001	<0.005
Trichloroethene	0.005	**0.2**	**0.187**	**2.9**	**0.375**	**0.21**	**0.307**	**0.15**	**0.659**
Vinyl chloride	0.002	**0.0061**	**0.0063**	**0.18**	**0.016**	**0.01**	**0.00785**	<0.001	<0.001
General Chemistry									
Solids, total suspended	--	**130**	NA	**11**	NA	<5	NA	<5	NA

[1] Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.

[2] Maximum Contaminant Level (*Drinking Water Standards and Health Advisories* ; USEPA, Summer 2000).

NA - Nor analyzed.

< - Concentration less than the Quantitation Limit.

Bolded text indicates detections

Shaded text indicates concentration exceeds MCL.

Close File

Table 2-4
Summary of Detections in Groundwater Recovery Wells

PARAMETER[1]	MCL[2]	LOCATION/SAMPLE DATE					
		RW-05 05/23/03	RW-05 09/12/03	RW-06 05/23/03	RW-06 09/12/03	RW-07 05/23/03	RW-07 09/12/03
Volatile Organics							
1,1-Dichloroethane	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis-1,2-Dichloroethene	0.07	**0.0067**	**0.0133**	**0.013**	**0.0212**	**0.018**	**0.0312**
Methyl tert-butyl ether	--	<0.002	**0.00133**	<0.002	<0.001	<0.001	<0.001
Tetrachloroethene	0.005	**0.0029**	**0.00525**	**0.0058**	**0.0145**	**0.0062**	**0.00683**
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	0.005	**0.035**	**0.07**	**0.071**	**0.136**	**0.067**	**0.103**
Vinyl chloride	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
General Chemistry							
Solids, total suspended	--	**7**	NA	<5	NA	<5	NA

(1) Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.

(2) Maximum Contaminant Level (*Drinking Water Standards and Health Advisories*; USEPA, Summer 2000).

NA - Nor analyzed.

< - Concentration less than the Quantitation Limit.

Bolded text indicates detections

Shaded text indicates concentration exceeds MCL.

Close File

- CVOC concentrations observed in samples collected from RW-01 have remained relatively unchanged between May and September 2003 while concentration observed in samples collected from RW-02 have generally decreased.

2.2.3 Operations Data

Through the end of 2003, the migration control system has recovered approximately 6 million gallons of groundwater for disposal at the Westfield WPCP. On a daily basis, the system recovers an average of 27,000 gallons of affected groundwater. Operations data indicates that not only is the system is meeting its objective by influencing the direction of groundwater flow and the migration of VOCs off the site, but is also recovering affected groundwater and reducing the mass of the VOCs present in the shallow aquifer.

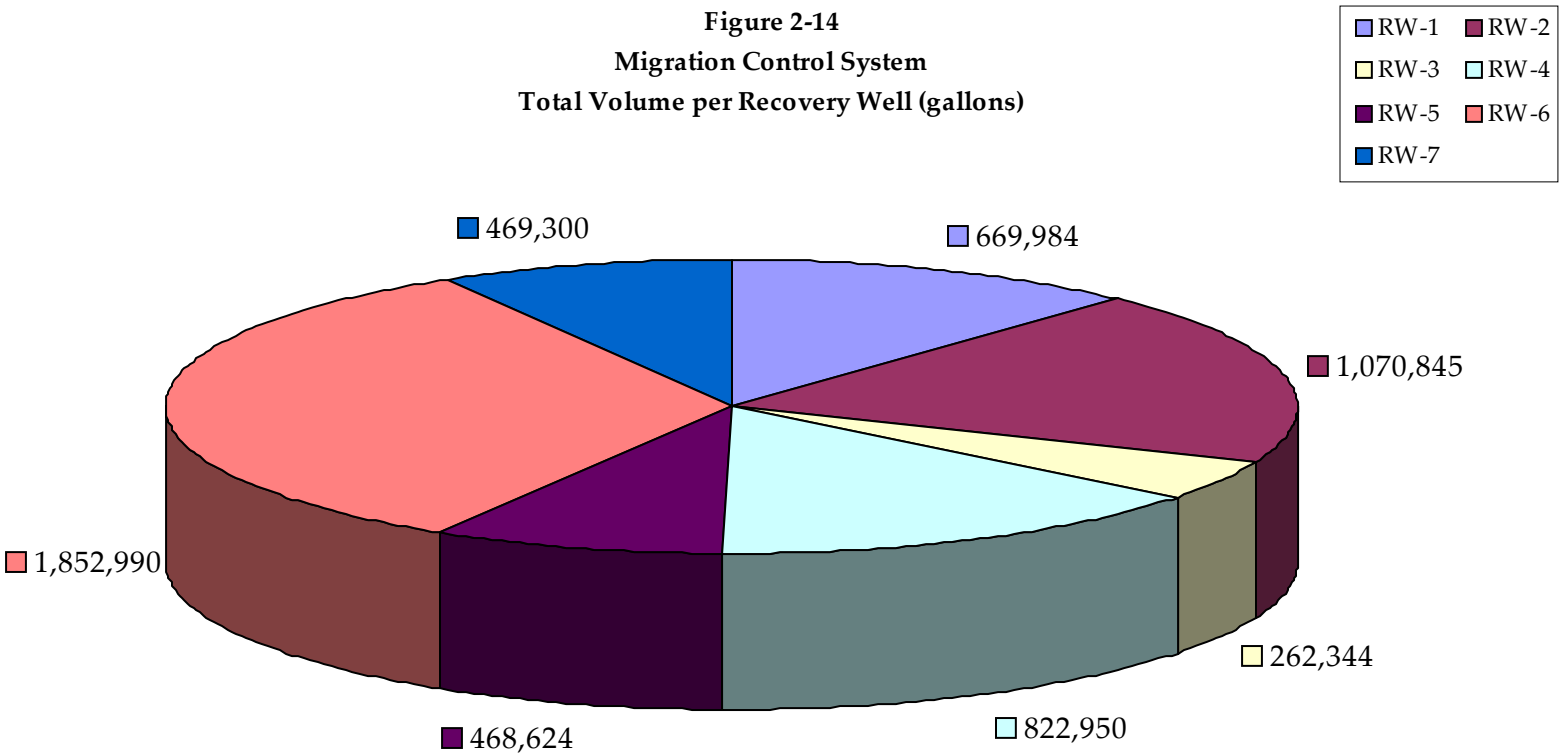
Figure 2-14 summarizes the total volume of groundwater recovered by each recovery well for the migration control system. To date, approximately 60 to 70 percent of the groundwater within the area of influence of the system has been recovered by wells RW-2, RW-4, and RW-6.

Figure 2-15 summarizes the flow rates for the system, as a whole, over time. Changes in pumping rates over time have been influenced by seasonal variations in precipitation. As shown on Figure 2-15, high flow rates were observed during the spring and fall months due to melt waters and high precipitation recharging the groundwater in the shallow aquifer. Lower flow rates were observed during the summer and winter months due to decreased precipitation, snow and ground freezing. Although seasonal precipitation has influenced flow rates, the system has continued to maintain its influence on groundwater flow by controlling the off-site migration of VOCs.

Appendix F includes charts that provide a comparison of the actual water level versus the target water level in each recovery well. The target water levels are based on the groundwater flow model generated to assist in the design of both the migration control system and the DPE system. Once operational, recovery wells RW-01, RW-02, RW-03, and RW-07 have consistently maintained their target draw down. Although recovery wells RW-04 and RW-05 have operated since system startup, they have not consistently maintained target draw down due to the location of the VSD and occasional siltation of the pumps within these wells. RW-06 is located in an area of the site that, based on the interpretation of the top of the lacustrine surface and the water table configuration, appears to be a former stream channel. Because the water table aquifer is thicker at this

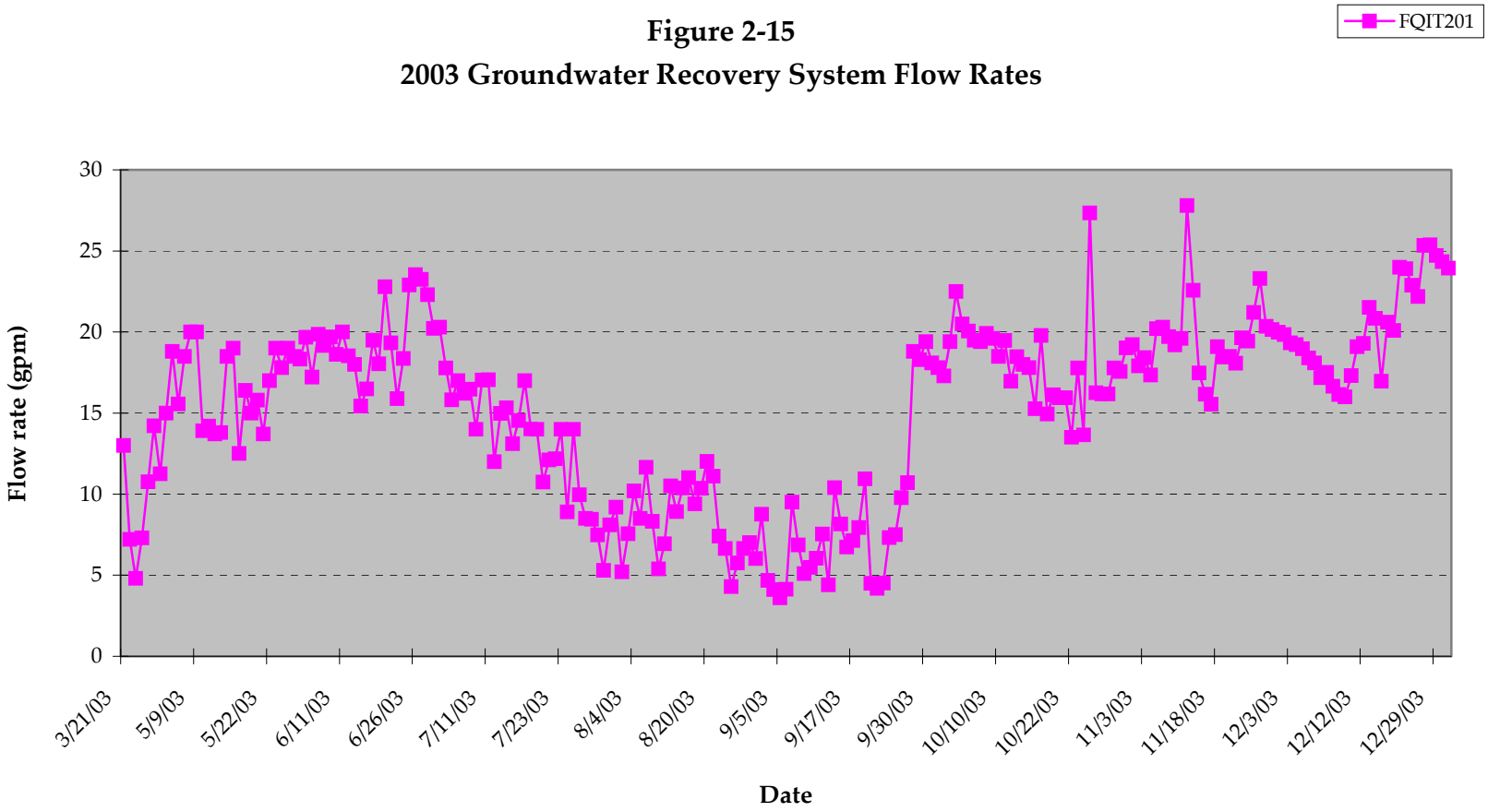
Close File

Figure 2-14
Migration Control System
Total Volume per Recovery Well (gallons)



Close File

Figure 2-15
2003 Groundwater Recovery System Flow Rates



Close File

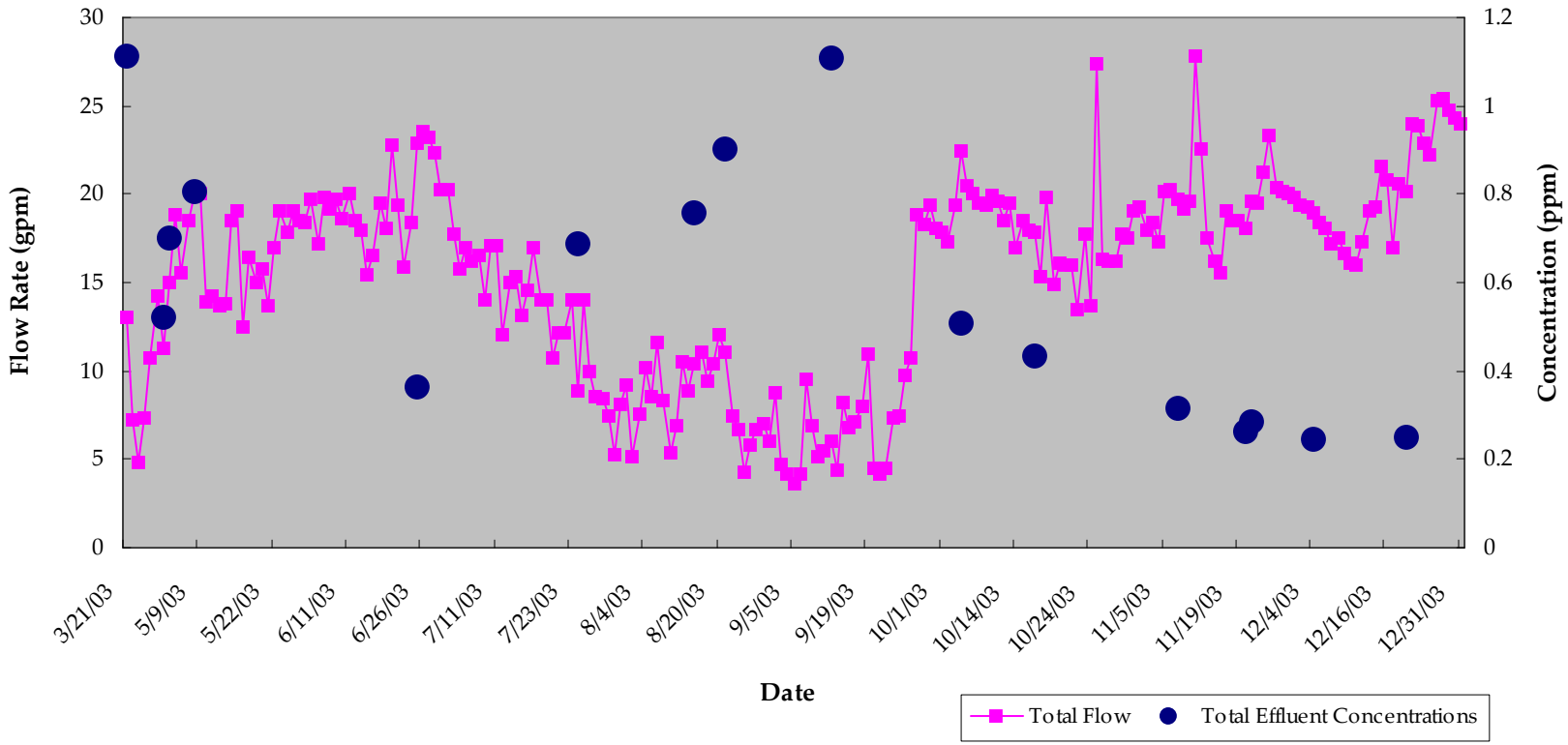
location than at the surrounding recovery wells, RW-06 has recovered the highest volume groundwater. Additionally, because of the thickness of the aquifer and amount of groundwater in this area, RW-06 has been unable to continually meet drawdown due to an undersized recovery pump. A new pump and VSD were ordered and installed during January 2004 in RW-6 to achieve and maintain target draw down. Despite occasional shortfalls in the optimum drawdown, the groundwater recovery system is achieving its objective by controlling off-site migration of VOCs.

Based on the total volume of groundwater recovered and the concentrations of VOCs observed in the monthly tank effluent samples, the system has recovered approximately 22 lbs of VOCs from the groundwater since system startup. Figure 2-16 provides the system flow rates and VOC concentrations observed in the tank effluent samples over time. Additionally, Figure 2-17 provides a comparison of VOC mass removal by the system over time.

The migration control system has been operating for approximately one year with no significant downtime. Although the system operations have been influenced seasonal precipitation and occasional shortfalls in optimum drawdown, the objectives of the system have been achieved by controlling off-site migration of VOCs in groundwater and by reducing the mass of the VOCs present in groundwater.

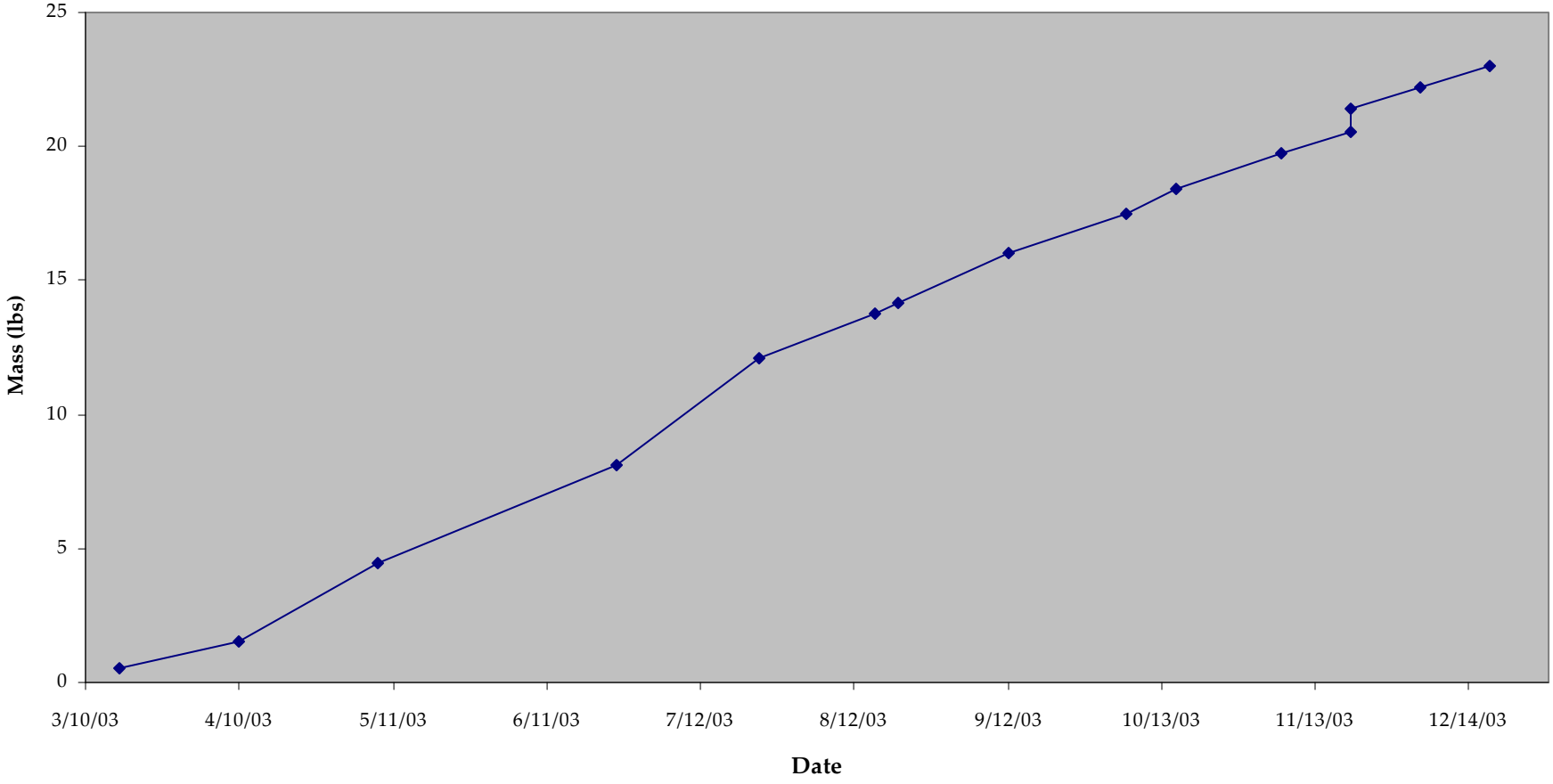
Close File

Figure 2-16
2003 Flow Rates and Volatile Organic Compounds Concentrations



Close File

Figure 2-17
2003 Mass Removal of Volatile Organics vs Time



Close File

Section 3
Light Nonaqueous-phase Liquid Extraction System Performance

In January and March 2003, a DPE system was installed in the northern portion of the facility to address the LNAPL that had been previously observed beneath this portion of the site. A layout of the system is provided on Figure 3-1. The DPE system was installed for the following purposes:

- To remove free phase product
- Minimize the potential for LNAPL to migrate into the downgradient recovery wells used in the migration control system.

The DPE system extracts both groundwater and soil vapors from the wells. Vapors extracted by the LNAPL system are treated by activated carbon to remove VOCs. Groundwater withdrawn from the recovery wells is collected temporarily in storage tanks on the site prior to being transported to the Westfield WPCP for disposal. Since system startup (April 2003), the system has operated as intended. Equipment downtime has been limited to routine maintenance and repair.

3.1 System Operations and Maintenance

The DPE extraction system consists of seven dual phase recovery wells that extract soil vapors, LNAPL, and affected groundwater. Recovered LNAPL, groundwater, and vapors are collected in a knockout tank, which separates the LNAPL and groundwater from the vapors. The vapor stream passes on through the liquid ring pump to an air-to-air heat exchanger. Vapors extracted by the liquid ring pump are heated as they are pulled through the pump. An air-to-air heat exchanger is used to cool this vapor stream. Vapors then pass through two activated carbon vessels in series that remove VOCs from the vapor stream. From the carbon vessels the vapor stream is vented to the atmosphere through a 4-inch polyvinyl chloride (PVC) stack.

Close File

LEGEND

- DPE DUAL PHASE EXTRACTION WELL LOCATIONS
- PROPERTY LINE/FENCE LINE
- TRENCH LINES

AERIAL PHOTO SOURCE: OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICES OF ENVIRONMENTAL AFFAIRS.

0 75 150 Feet

NO.	BY	DATE	REVISION	APP'D.
3.				
2.				
1.				

PROJECT :
MTD PRODUCTS INC.
COLUMBIA MANUFACTURING FACILITY

SHEET TITLE:
DUAL PHASE EXTRACTION SYSTEM LAYOUT

DRAWN BY: TLH	SCALE AS NOTED	PROJECT NO.: 998.89
CHECKED BY: BCB		FILE NO.:
APPROVED BY: BEC	DATE PRINTED: JULY 2004	FIGURE 3-1
DATE: JULY 2004		

RMT
100 Verdae Boulevard
P.O. Box 16778
Greenville, SC 29606
(864) 281-0030

Map Document: (P:\Hydro\998\Westfield-MA\ArcView\ArcGIS\2003SystemPerformanceRpt\DPE_Piping.mxd)
7/14/2004 -- 2:15:11 PM

Close File

Recovered LNAPL and groundwater are pumped from the knockout tank to an oil/water separator to remove the LNAPL from the groundwater. Groundwater flows by gravity from the oil/water separator to a 200-gallon polyethylene (poly) tank for temporary storage. Groundwater is pumped from the poly tank through a bag filter to the storage tanks used to collect the groundwater withdrawn by the migration control system. Groundwater recovered by the LNAPL extraction system is combined with groundwater withdrawn by the migration control system and transported by truck to the Westfield WPCP.

3.1.1 System Startup and Initial Trouble shooting

The LNAPL extraction system is a prefabricated treatment unit installed in an enclosed trailer. The supplier tested the prefabricated unit prior to arrival at the site. As a result, equipment troubleshooting and system startup requirements were reduced to minor adjustment of vacuum flow rates and depths of the stinger pipes in each well.

3.1.2 System Modifications

In August the system operators noted a sheen on the water being stored in the 200 gallon poly tank. It was determined that the oil/water separator was not providing adequate removal of the LNAPL from the groundwater. In an effort to enhance oil/water residence time the following modifications were made:

- To better monitor the groundwater flow rate to the oil/water separator a bag filter and flow meter were installed on the influent line to the oil/water separator. The flow meter allows the operators to better manage the rate at which groundwater is recovered by the system so that a longer residence time in the oil/water separator is established. The longer residence time improved the effectiveness of the oil/water separator.
- An organo-clay polishing unit was installed after the transfer pump to improve LNAPL removal from the groundwater and produce a sheen-free effluent from the LNAPL extraction system.
- A 5,000 gallon poly tank was installed to temporarily store groundwater treated by the LNAPL extraction system. This poly tank was located outside on an asphalt pad and was installed as a temporary measure. The temporary poly tank allows operators to visually inspect the treated groundwater from the LNAPL extraction system prior to transferring the groundwater to the storage tanks for the migration control system.
- A 0.5 horsepower (hp) centrifugal pump was installed to transfer water from the temporary poly tank to the migration control system storage tanks.

Close File

- Two 2,450-gallon poly tanks were installed in the same building as the migration control system storage tanks to provide freeze protection. These tanks replaced the 5,000-gallon temporary poly tank. The two poly tanks included the installation of controls to shut down the LNAPL extraction system if a high level condition occurs in the tanks. The 0.5 hp centrifugal pump used for the 5,000 gallon temporary tank was also relocated and is being used to transfer groundwater from the two poly tanks to the migration control system storage tanks.

3.2 System Performance Monitoring

System performance is monitored by measuring LNAPL thickness on the surface of the groundwater, as well as by collecting vacuum measurements from the monitoring points. Vapor sampling is performed to assess the VOC recovery from the dual phase wells.

Recovered groundwater from the LNAPL extraction system is collected temporarily in two ASTs, then transported to the City of Westfield WPCP. As such, the system is operating under an Industrial Discharge Permit, which specifies a preliminary screening level (PSL) that must be met for constituents of concern (COCs).

On a daily basis, the system recovers an average of 1,842 gallons of affected groundwater. As of December 31, the system has recovered and treated approximately 350,000 gallons of groundwater since system startup. To date, the LNAPL recovery system has removed in excess of 10 gallons of LNAPL.

The vacuum at individual dual phase well heads are maintained, as much as possible, at a constant rate. The induced vacuum applied to the surrounding subsoil extracts vapor-phase VOCs. The vacuum is evaluated as a function of measured soil pore pressure at the monitoring points. To assess the influence and effectiveness of the DPE system, six, 1-inch monitoring points (MP-01 through MP-06) were installed adjacent to the DPE wells. The results of vacuum monitoring show that influence from the DPE system is being achieved at all monitoring locations.

Close File

Section 4
Conclusions and Recommendations

Through the end of 2003, the migration control system has recovered approximately 6 million gallons of groundwater and 22 lbs of VOCs. The DPE system has recovered approximately 350,000 gallons of groundwater and over 10 gallons of LNAPL.

The following discussion summarizes the conclusions for both the migration control system and duel phase LNAPL extraction system.

- Water level data shows that the migration control system is operating as designed by locally influencing the direction of groundwater in the northern portion of the facility and preventing off-site migration of VOCs.
- The off-site portion of the VOC plume is within the area of influence of the groundwater recovery system.
- With the exception of well MW-51S, groundwater quality data show that the extent of the VOC plume has been reduced.
- Samples collected from off-site wells during the September and December 2003 sampling events continue to indicate migration of VOCs off the site is not occurring.
- Both the migration control and DPE systems have operated as intended.

Although both the systems have operated as they were intended, it is MTD's recommendation that the DPE system be discontinued. The DPE system is scheduled to be broken down during March 2004. While the migration control system will continue to operate, MTD also recommends that a more active remediation technique using ozone be implemented to reduce the mass of VOCs present in the groundwater at the site, in both the northern and southern portion of the site. Ozone injection is tentatively scheduled to begin during May 2004.

Close File

Appendix A
Technical Memorandum Entitled Summary of Groundwater Screening Investigation and Site-wide Groundwater Monitoring Dated December 3, 2001

Close File

Technical Memorandum

Date: December 3, 2001

To: Ed Waddles

cc: David Harrington, MTD Project Team

From: Barry Culp, Mark Miesfeldt

Project No.: 00-00998.62

Subject: Summary of Groundwater Screening Investigation and Site-Wide Groundwater Monitoring at the Columbia Manufacturing Facility, Westfield, Massachusetts

The following discussion presents the significant findings resulting from the Groundwater-Screening Investigation and Site-Wide Groundwater Monitoring at the Columbia Manufacturing Facility, Westfield, Massachusetts. This technical memorandum includes the following information:

- Discussion of data gathering activities.
- Discussion of the significant findings.
- Tables summarizing groundwater quality results and results of the monitoring well inventory.
- Maps depicting the configuration of the water table and the distribution of selected volatile organic compounds (VOCs) in groundwater.

Introduction

In September 2001, RMT, Inc. (RMT) submitted to MTD Products, Inc. (MTD) a proposal to perform a groundwater evaluation at the Columbia Manufacturing Facility (Site) in Westfield, Massachusetts (Figure 1, Attachment 1). The proposal and subsequent investigation were developed to establish current groundwater quality conditions and substantiate conclusions drawn by O'Brien & Gere during implementation of their groundwater characterization activities. The resulting information will be used to assist with the 2002 site stabilization requirements established for the site under RCRA.

The scope of services for this investigation included:

- Development of a working hydrogeochemical model for the Site,
- Evaluation of potential exposure routes for nearby residents as they might apply to possible vapors emanating from chlorinated VOCs present in groundwater north of the facility, and
- Confirmation of groundwater quality conditions and flow directions, focusing on the north-end plume.

Close File

Data Collection Activities

Prior to designing the groundwater screening investigation, prior investigations were reviewed. This review was necessary to develop a conceptual hydrogeological model for the Site, to evaluate gaps in the understanding of the fate and extent of contamination, and to better define transport mechanisms occurring beneath the north end of the Site. After a thorough review of the Site geology, hydrogeology, and historical geochemical information, RMT conducted a focused data gathering event. The following field sampling activities were performed to obtain additional information about the hydrogeochemical conditions beneath the site and refine the conceptual site hydrogeologic model.

Existing Monitoring Well Sampling

In an effort to evaluate groundwater quality at the Site, RMT personnel collected groundwater samples from 50 monitoring wells (Plate 1, Attachment 1) that had previously been installed by others. The sampling event occurred during the weeks of September 28th and October 5th, 2001. As a part of the groundwater sampling, RMT personnel conducted a monitoring well inventory to evaluate the integrity of the wells and document conditions that could possibly compromise the reliability of the data obtained. Observations from the well inventory are summarized in Table 1 (Attachment 2). In addition, water level elevations were collected from all monitoring wells that could be located at the Site (Table 2, Attachment 2).

As a part of the well purging process (and prior to sampling), field indicator parameters (pH, specific conductance, temperature, turbidity, and dissolved oxygen) were collected and recorded in a bound field notebook. When the indicator parameters stabilized, groundwater samples were collected from the existing monitoring wells and sent to an offsite laboratory for analysis of site-specific organic and inorganic constituents. A summary of the well samples collected and the analyses performed are included in Table 3 (Attachment 2).

Groundwater samples obtained for VOC and semivolatile organic compounds (SVOCs) analyses were collected using Teflon bailers, with the exception of monitoring wells MW-48S and MW-04D. Because obstructions were encountered within these wells, VOCs were sampled via a pipette method (with a peristaltic pump). The pump speed was reduced, the tubing was removed from the well, and the pump was turned off. The sample bottles were then filled from the end of the Teflon tubing that was in the well. Sampling was conducted in this manner to minimize the amount of volatilization of the groundwater. Groundwater samples for metals/inorganic analysis were collected after VOCs and SVOCs using slow purge sampling techniques.

Groundwater samples were labeled, preserved, and stored on ice in the field. Chain-of-custody procedures were implemented for all groundwater samples. Samples were delivered on a daily basis to Spectrum Analytical, Inc. for analysis. Copies of the analytical data sheets are provided in Attachment 3.

Purge water generated during the sampling event was temporarily stored in US DOT 55-gallon drums located onsite. Upon project completion, the collected purge water was

Close File

analyzed. Upon receipt of analysis, the purge water was classified as a hazardous waste and transported to an offsite RCRA Treatment, Storage, and Disposal (TSD) facility for disposal.

Passive Soil Gas Sampling

To assess the potential for migration of organic vapors through the unsaturated soil and by preferential transport along utility corridors, a passive soil gas study was conducted along the Site's northern property boundary. Forty-nine passive Emflux® soil gas probes (SGP-01 through SGP-49) were installed in the grassy areas directly in front of the Facility, adjacent to Cycle Street. The probes were spaced at 10-foot intervals, and deployed to a depth of 3 inches as per manufacturer's specifications. Five additional soil gas probes (SGP-51through SGP-55) were deployed in the asphalt parking lot directly in front of the main manufacturing building. These probes were installed on a 40-foot spacing, and at a depth of 6 inches. Plate 2 (Attachment 2) shows the locations of the Emflux® soil gas probes. The probes were allowed to reach equilibrium with Site soils for a period of 10 days. The soil gas probes were then removed and submitted under chain-of-custody, to Beacon Environmental for analysis. Results of the passive soil gas study are presented in Attachment 4.

Geoprobe® Groundwater Screening Sampling

During the week of October 4, 2001, 34 discrete-interval groundwater samples were collected using direct push sampling techniques. Thirty-one groundwater samples (DP-01 through DP-31) were collected from a depth of 11 to 15 feet below land surface (BLS) (Plate 2). Three additional samples were collected from deeper intervals in areas where the estimated depth to the glaciolacustrine unit exceeded 15 feet (DP-04I, DP-19I (19 to 23 ft BLS) and DP-26I (16 to 20 ft BLS)). These deeper samples were obtained to evaluate differences in VOC concentration with depth. The samples collected were sent to an offsite laboratory for analysis of site-specific organic constituents. A summary of samples collected and the analyses performed is included in Table 3 (Attachment 2).

Findings

Based on the data collected during RMT's field activities, as well as our review of previous RFI documents, the following information can be reported:

Site Geology and Hydrogeology

The geology beneath the site, as described by O'Brien & Gere (*RCRA Facility Investigation, Phase IIA Summary Report*, January 1997) consists of six stratigraphic units. A brief description of each unit is provided below.

- **Fill** – generally poorly graded, consisting of dark brown medium-to-fine sand. Fill is generally evidenced in areas of the site by the presence of manmade objects. Thickness of fill is generally less than 10 feet.
- **Eolian sands** – windblown deposits of poorly graded, tan, fine sand. The typical thickness of this unit is 3 to 5 feet, but the unit has been encountered at depths of 7 feet.

Close File

- **Alluvium** – unit containing poorly graded sands with pebbles and cobbles occurring near the base of the unit (15 to 30 feet). Alluvium is thought to have been placed by meanders from the Little River or tributaries which may have crossed the site at one time.
- **Glaciolacustrine** – characterized by fine-grained glacial silts or varved clays. The unit is significant because of its low permeability. Lenses of poorly graded medium-to-coarse sands have been encountered within the unit.
- **Till** – consists of a mixture of sands, silt, clay, gravel, and cobbles. The unit appears to be thin (<5 feet) and discontinuous across the site.
- **Arkosic Siltstone Bedrock** – a reddish brown coarse-grained conglomerate with a thickness reported to be greater than 5,000 feet.

During this groundwater screening evaluation, additional stratigraphic information was not collected. Based on our present understanding of Site conditions, there appear to be three distinct hydrostratigraphic units underlying the Site (alluvium/water table, glaciolacustrine, and bedrock).

- **Alluvium (water table) Aquifer** - The alluvium aquifer is the upper-most saturated zone encountered beneath the Site, and is found at depths of 7 to 15 feet BLS. Thickness of this unit varies across the Site, but is generally between 15 to 30 feet. Analysis of the hydraulic conductivity of this unit (reference slug testing conducted by O'Brien & Gere) indicates groundwater flows through this unit at approximately 3 to 63 feet per day.
- **Glaciolacustrine Aquifer** – The glaciolacustrine aquifer is a lower permeability unit below the Site, which overlays the Arkosic Siltstone (New Haven Arkose) bedrock. This unit is generally first encountered at depths of 15 to 30 feet, and has an overall thickness of up to 90 feet. Hydraulic conductivity in the shallow portion of the unit ranges from 0.06 to 17.6 feet per day, while values in the intermediate to deep portions of the unit range from 0.19 to 5.2 feet per day. These measurements indicate a decrease in conductivity with depth within this unit and are consistent with the depositional environment of the unit.
- **Arkosic Siltstone Bedrock Aquifer** - As noted before, the New Haven Arkose is a 5,000-plus foot-thick unit. This is the lowest formation encountered during previous Site investigations. Hydraulic conductivity testing was conducted in only one location (MW-25BR). The conductivity in this location was 0.21 feet per day.
- A groundwater divide appears to be present beneath the main manufacturing building on site. Flow in the alluvium aquifer appears to be semi-radial, flowing in a northeast to southeasterly direction, in an offsite direction toward the Little River (Plate 3, Attachment 1).
- Horizontal groundwater flow gradients are consistent with previous investigations. A general downward vertical gradient is present within well pairs at the Site, with the exception of the well pair MW-14ID and MW-14D, where an upward vertical gradient

Close File

exists (Table 4, Attachment 2). Vertical gradient calculation sheets are provided in Attachment 5.

Site Wide Groundwater Monitoring Results

As discussed earlier, groundwater samples were collected from 50 existing monitoring wells at the Site. Monitoring wells were chosen based on the results of the well inventory, as well as their location within the monitoring well network. Samples were collected for site-specific organic and inorganic compounds that were previously identified in groundwater with concentrations above standards. In addition, five quality assurance/quality control samples were submitted for analysis. Analytical results for VOCs, SVOCs, and inorganic compounds in groundwater samples are presented in Tables 5, 6, and 7, respectively (Attachment 2).

The following findings apply to the monitoring well samples:

- Two monitoring wells contained measurable amounts of free-phase petroleum product (MW20B, and MW-20C). Absorbent "socks" were placed in these wells as an interim measure. Three days after being placed in the wells, the absorbent socks were removed and stored in a 55-gallon drum while awaiting disposal. After verification that the petroleum product did not re-enter the well, a groundwater sample was collected.
- Twenty-two VOCs were detected in groundwater samples collected from Site monitoring wells. Benzene, trichloroethylene (TCE), tetrachloroethene (PCE), cis-1,2-dichloroethene (cis-1,2-DCE), 1,1-dichloroethene, and vinyl chloride were detected at concentrations exceeding their respective federal Maximum Contaminant Levels (MCLs). In general, concentrations of VOCs decreased with increasing distance from the main manufacturing facility.
- Seven SVOCs were detected in groundwater samples from the alluvial aquifer. None of the SVOCs detected was present at concentrations exceeding federal MCLs. These compounds are considered by-products of other contamination identified during previous investigations at the Site. SVOCs detected in MW-19S and MW-17S are believed to be associated with a petroleum release from the former underground storage tank at AOC 48. MW-27S each had one SVOC compound (phenol) detected at estimated concentrations.
- Two SVOC compounds (bis (2-Ethylhexyl) phthalate and Di-n-butylphthalate) were detected in groundwater samples collected from monitoring wells screened in the glaciolacustrine unit.
- Target metals (Cadmium, Chromium, Copper, Nickel, and Zinc) were analyzed from groundwater samples collected from 30 monitoring wells at the Site. Zinc was not identified at concentrations exceeding federal MCLs. Elevated concentrations of metals were detected in wells located in the central and southern portions of the Site.

Close File

Groundwater Screening Results

To accomplish the project objectives listed above, groundwater samples were collected from 34 shallow Geoprobe® boring locations within the northern plume. Plate 2 shows the groundwater screening locations. Samples were submitted to Spectrum Analytical, Inc., under chain-of-custody, for analysis of VOCs by EPA Method SW8260.

Samples collected during the groundwater screening investigation had levels of chlorinated VOCs above MCLs. The volatile organic compounds (VOCs) detected consisted primarily of TCE, cis-1,2-DCE, PCE, and vinyl chloride. Detected VOC concentrations are provided in Table 8.

The following findings apply to the groundwater screening samples collected from the north end of the Site:

- Thirty-four groundwater-screening samples were collected from the water table aquifer. Thirty-one samples were collected from 11 to 15 feet BLS. A second, deeper sample was collected from three locations, as denoted by the designation "I". The deeper samples were collected in locations adjacent to existing monitoring wells, for the purpose of assessing vertical variations in VOC concentrations.
- Nine VOCs were detected in groundwater screening samples. Only five of the compounds detected exceeded federal MCLs (1,1-dichloroethene, cis-1,2-DCE, PCE, TCE, and vinyl chloride). Plate 4 (Attachment 1) shows the locations of groundwater screening samples and the concentrations of selected compounds.
- All groundwater-screening locations contained detected VOC compounds. Only one location, DP-29, did not have compounds exceeding federal MCLs. Concentrations of TCE exceeded the federal MCL value of 0.005 mg/L at all locations, except DP-29.
- Concentrations of VOCs generally appear to decrease with increased distance from the facility.

Close File

List of Tables

Table 1	Monitoring Well Inventory
Table 2	Summary of Water Level Elevations
Table 3	Summary of Analytical Methods
Table 4	Summary of Vertical Groundwater Gradients
Table 5	Summary of Volatile Organic Compounds Detected in Groundwater Samples
Table 6	Summary of Semi-Volatile Organic Compounds Detected in Groundwater Samples
Table 7	Summary of Inorganic Compounds Detected in Groundwater Samples
Table 8	Summary of Volatile Organic Compounds Detected in Groundwater Screening Samples

List of Maps/Figures

Figure 1	Site Location Map
Plate 1	Groundwater Monitoring Well Sampling Locations
Plate 2	Groundwater Screening Locations
Plate 3	Water Table Map
Plate 4	Select Chlorinated Organic Concentrations Detected in North End Groundwater Sampling Locations
Plate 5	Metals Concentrations Detected in Groundwater Monitoring Well Sampling Locations

List of Attachments

Attachment 1	Figures
Attachment 2	Tables
Attachment 3	Lab Reports
Attachment 4	Soil Gas Results
Attachment 5	Calculations

Close File

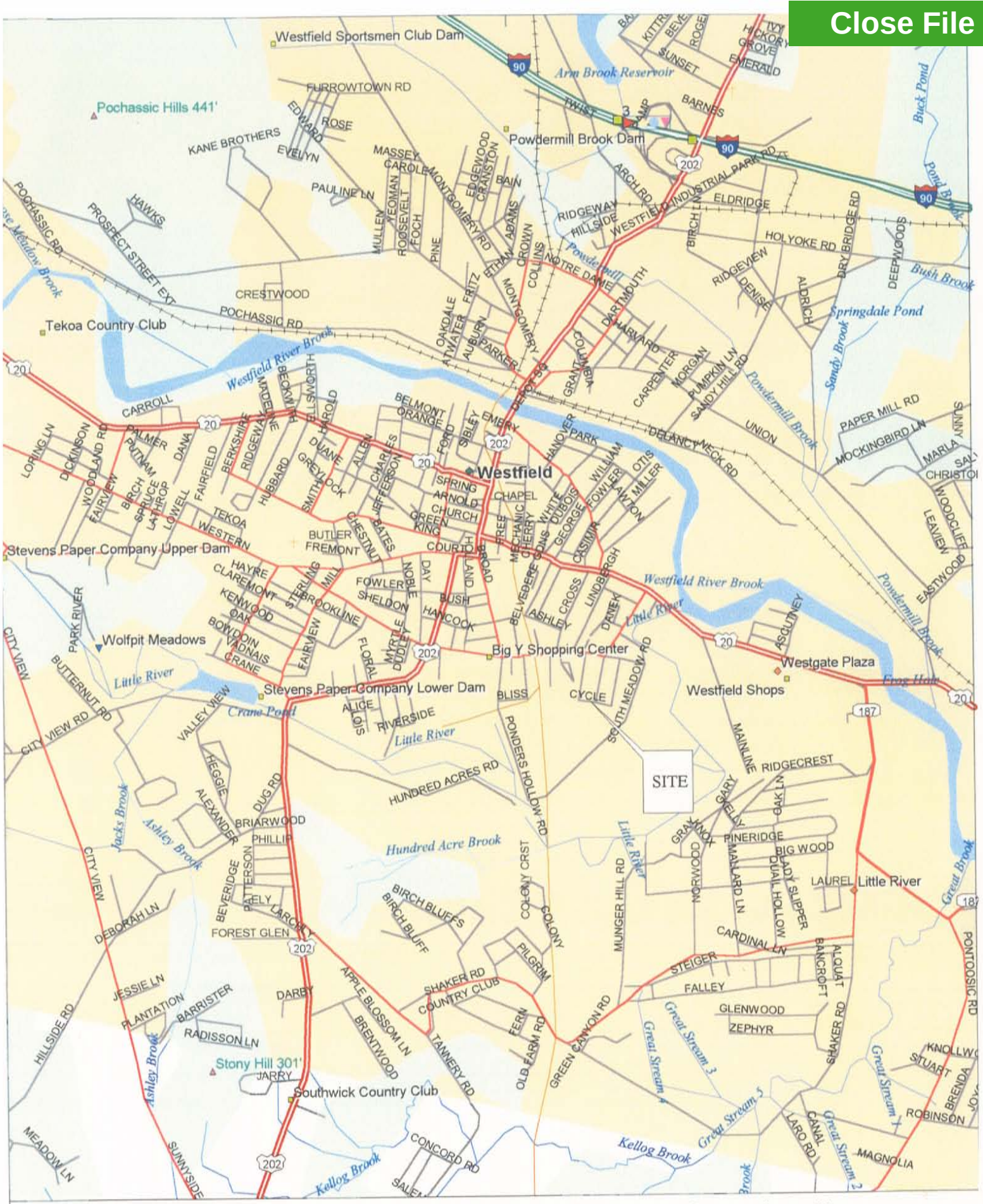
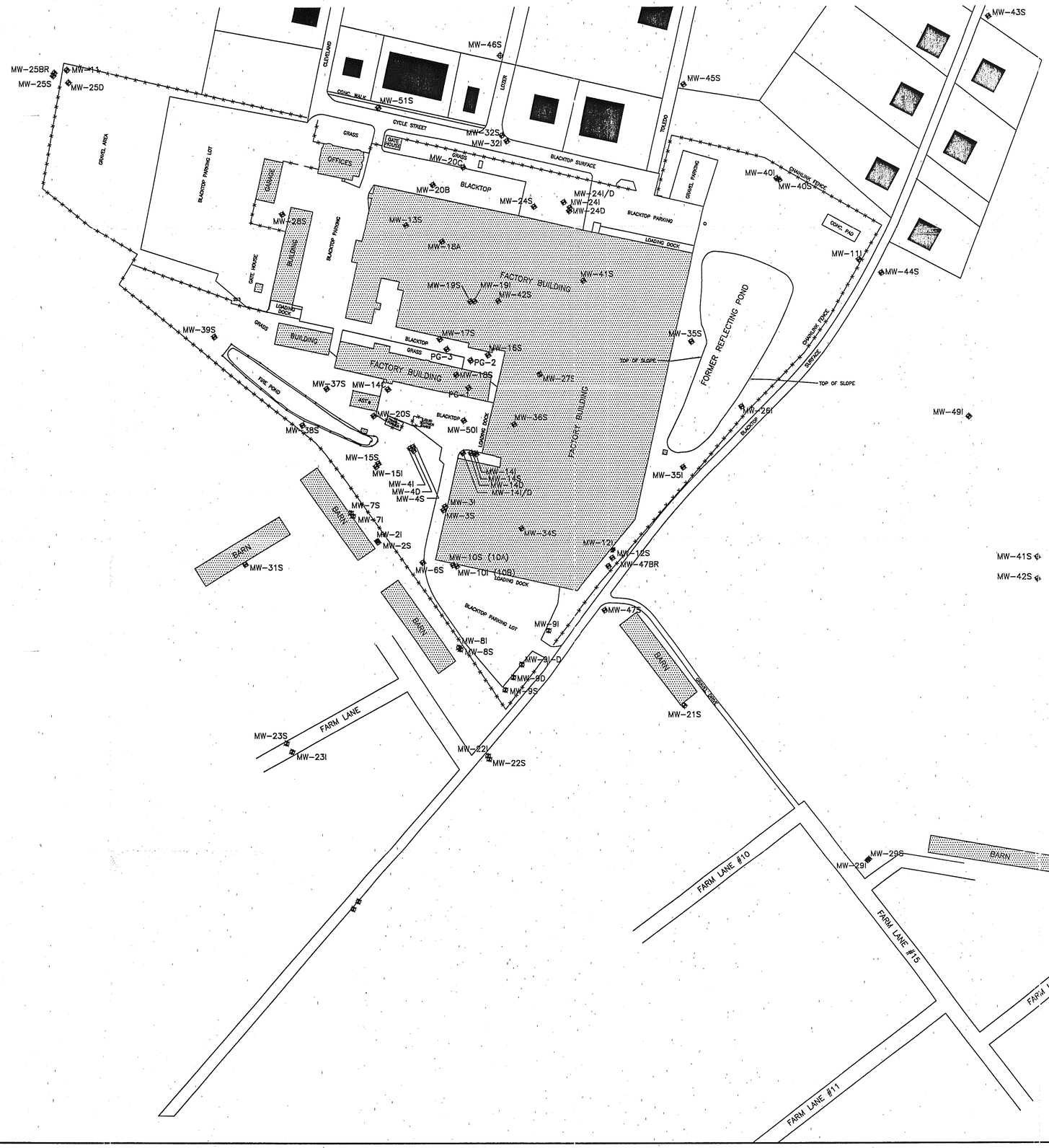


Figure 1 - Site Location Map - Columbia Manufacturing Company



LEGEND

MW-41S — EXISTING MONITORING WELL LOCATION

MW-42S — MONITORING WELL SAMPLED DURING GROUNDWATER ELEVATIONS

0 100' 200'

SCALE: 1"= 100'

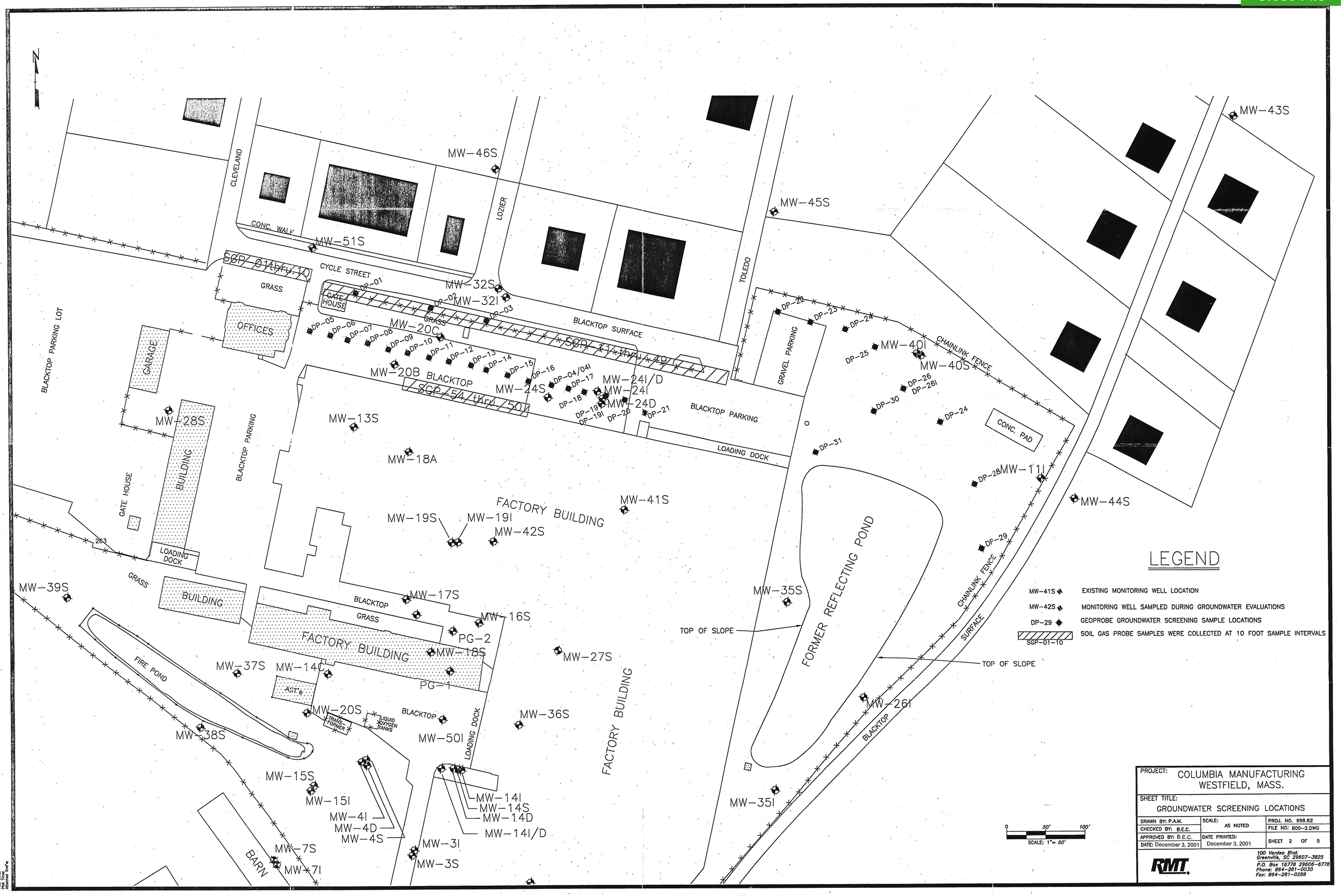
PROJECT: COLUMBIA MANUFACTURING WESTFIELD, MASS.		
SHEET TITLE: GROUNDWATER MONITORING WELL SAMPLING LOCATIONS		
DRAWN BY: P.A.M.	SCALE: AS NOTED	PROJ. NO. 998.62
CHECKED BY: B.E.C.		FILE NO. 800-1.DWG
APPROVED BY: B.E.C.	DATE PRINTED: December 3, 2001	SHEET 1 OF 5
DATE: December 3, 2001		

RMT
100 Verdae Blvd.
Greenville, SC 29607-3825
P.O. Box 16778 29606-6778
Phone: 864-281-0030
Fax: 864-281-0288

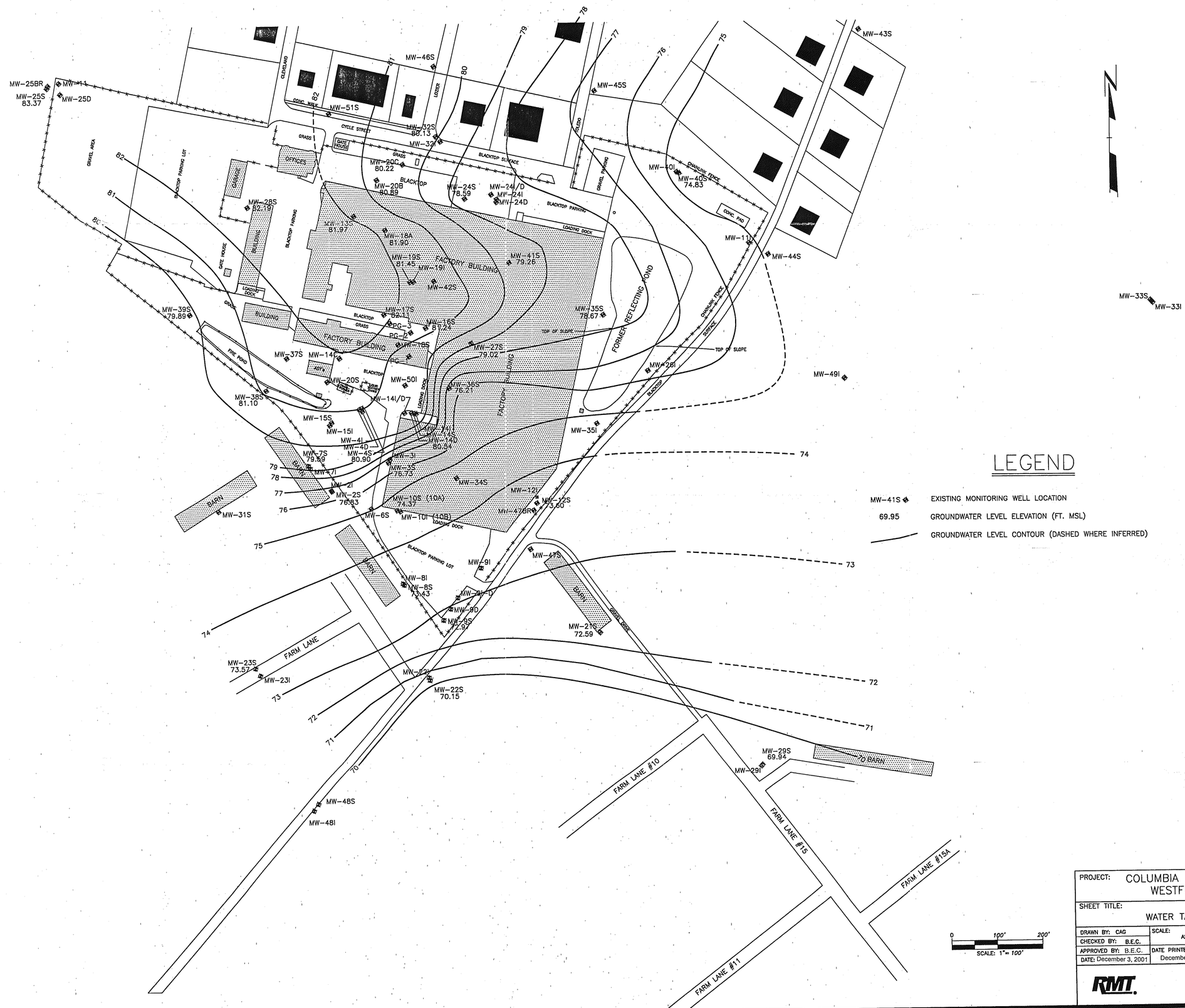
1=100'
$$$$$$$$
$$$$$$$$
$$$$$$$$
Attached Tiff #: 10F

RMT AUG
J:\acad\hydro\mdd\800-1.dwg
P.A.M.
$$$$$$$$
$$$$$$$$
$$$$$$$$
$$$$$$$$

Close File


N
MW-43S
MW-46S
MW-45S
CLEVELAND
LOZIER
TOLEDO
CONC. WALK
MW-51S
CYCLE STREET
SGP-01thru10
GRASS
GATE HOUSE
MW-32S
MW-32I
DP-01
DP-02
DP-03
BLACKTOP SURFACE
OFFICES
GARAGE
BLACKTOP PARKING LOT
DP-05
DP-06
DP-07
DP-08
DP-09
DP-10
DP-11
DP-12
DP-13
DP-14
DP-15
DP-16
MW-20C
SGP-11thru49
MW-20B
BLACKTOP
SGP-54thru50
MW-24S
DP-04/04I
DP-17
DP-18
DP-19
DP-19I
MW-24I/D
MW-24I
MW-24D
DP-20
DP-21
BLACKTOP PARKING
LOADING DOCK
GRAVEL PARKING
DP-22
DP-23
DP-24
DP-25
MW-40I
MW-40S
CHAINLINK FENCE
DP-26
DP-26I
DP-30
DP-24
CONC. PAD
DP-31
DP-28
MW-11I
MW-44S
DP-29
MW-28S
BUILDING
BLACKTOP PARKING
MW-13S
MW-18A
GATE HOUSE
LOADING DOCK
FACTORY BUILDING
MW-41S
MW-19S
MW-19I
MW-42S
263
GRASS
BUILDING
MW-39S
BLACKTOP
GRASS
MW-17S
MW-16S
PG-2
FACTORY BUILDING
MW-18S
MW-27S
FIRE POND
MW-37S
MW-14S
PG-1
A.S.T.s
MW-20S
TRANS-FORMER
LIQUID OXYGEN TANKS
BLACKTOP
LOADING DOCK
MW-36S
MW-38S
MW-50I
FACTORY BUILDING
MW-15S
MW-15I
MW-14I
MW-14S
MW-14D
MW-14I/D
MW-4I
MW-4D
MW-4S
MW-3I
MW-3S
MW-7S
MW-7I
BARN
TOP OF SLOPE
FORMER REFLECTING POND
MW-35S
MW-26I
MW-35I
CHAINLINK FENCE
BLACKTOP SURFACE
TOP OF SLOPE
LEGEND
MW-41S EXISTING MONITORING WELL LOCATION
MW-42S MONITORING WELL SAMPLED DURING GROUNDWATER EVALUATIONS
DP-29 GEOPROBE GROUNDWATER SCREENING SAMPLE LOCATIONS
SGP-01-10 SOIL GAS PROBE SAMPLES WERE COLLECTED AT 10 FOOT SAMPLE INTERVALS
0 50' 100'
SCALE: 1"= 50'
PROJECT: COLUMBIA MANUFACTURING WESTFIELD, MASS.
SHEET TITLE: GROUNDWATER SCREENING LOCATIONS
DRAWN BY: P.A.M.
CHECKED BY: B.E.C.
APPROVED BY: B.E.C.
DATE: December 3, 2001
SCALE: AS NOTED
DATE PRINTED: December 3, 2001
PROJ. NO. 998.62
FILE NO. 800-2.DWG
SHEET 2 OF 5
RMT
100 Verdae Blvd
Greenville, SC 29607-3825
P.O. Box 16778 29606-6778
Phone: 864-281-0030
Fax: 864-281-0288

Close File



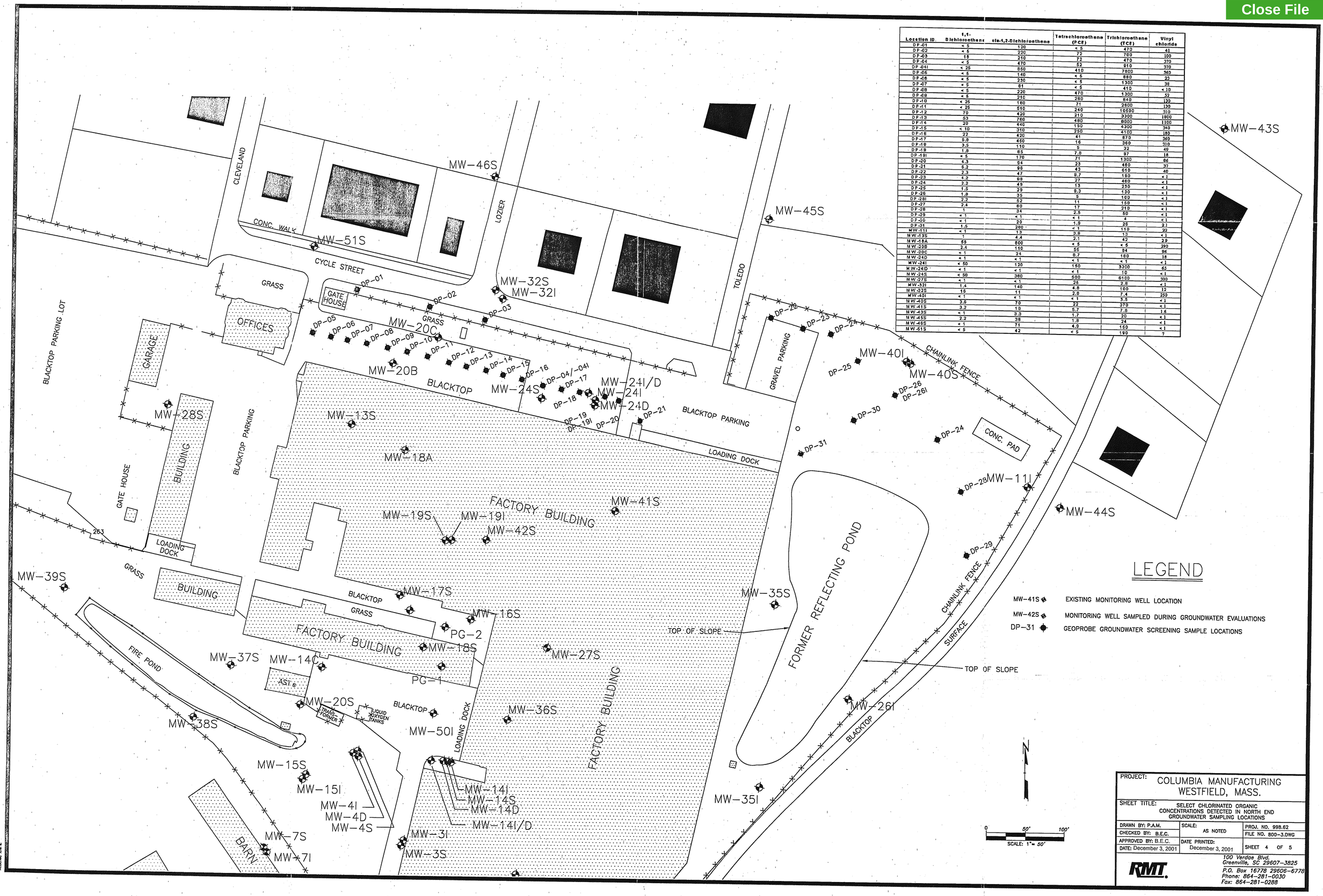
LEGEND

MW-41S ◆	EXISTING MONITORING WELL LOCATION
69.95	GROUNDWATER LEVEL ELEVATION (FT. MSL)
———	GROUNDWATER LEVEL CONTOUR (DASHED WHERE INFERRED)

PROJECT: COLUMBIA MANUFACTURING WESTFIELD, MASS.		
SHEET TITLE: WATER TABLE MAP		
DRAWN BY: CAG	SCALE: AS NOTED	PROJ. NO. 998.62
CHECKED BY: B.E.C.		FILE NO. B00-1X.DWG
APPROVED BY: B.E.C.	DATE PRINTED: December 3, 2001	SHEET 3 OF 5
DATE: December 3, 2001		

RMT

100 Verdae Blvd.
Greenville, SC 29607-3825
P.O. Box 16778 29606-6778
Phone: 864-281-0030
Fax: 864-281-0288



Location ID.	1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl chloride
DP-01	< 5	120	< 5	470	41
DP-02	< 5	220	72	700	100
DP-03	18	210	72	470	370
DP-04	< 5	470	52	910	370
DP-04I	< 25	850	410	7800	360
DP-05	< 5	140	< 5	880	23
DP-06	< 5	230	< 5	1300	38
DP-07	< 5	81	< 5	410	< 10
DP-08	< 5	220	470	1300	32
DP-09	< 5	210	280	640	130
DP-10	< 25	160	71	2800	130
DP-11	< 25	510	240	10600	310
DP-12	70	420	210	3300	1800
DP-13	53	760	480	8000	1100
DP-14	20	440	150	4300	340
DP-15	< 10	310	250	4100	180
DP-16	22	420	41	870	360
DP-17	8.8	450	16	360	310
DP-18	3.5	110	5	32	49
DP-19	1.8	65	7.8	97	18
DP-19I	< 5	170	71	1300	86
DP-20	4.3	64	23	460	37
DP-21	6.2	96	43	610	40
DP-22	2.3	47	8.7	190	< 1
DP-23	4.2	88	27	460	< 1
DP-24	2.2	49	13	230	< 1
DP-25	1.5	29	8.3	130	< 1
DP-26	1.9	35	5	100	< 1
DP-26I	2.2	52	11	150	< 1
DP-27	2.4	60	17	210	< 1
DP-28	1	34	2.5	50	< 1
DP-29	< 1	< 1	< 1	4	< 1
DP-30	< 1	20	1.9	26	2.1
DP-31	1.5	260	< 1	110	22
MW-11I	< 1	13	3.8	13	< 1
MW-13S	1	4.4	2.1	42	2.9
MW-18A	58	800	< 5	< 5	290
MW-20B	2.4	110	55	94	96
MW-20C	< 1	24	8.7	180	18
MW-24D	< 1	< 1	< 1	< 1	< 1
MW-24I	< 50	120	150	3200	63
MW-24D	< 1	< 1	< 1	10	< 1
MW-24S	< 50	360	500	6100	390
MW-27S	< 1	< 1	26	2.6	< 1
MW-32I	1.4	140	4.8	100	12
MW-32S	16	11	2.8	7.4	250
MW-40I	< 1	< 1	< 1	3.5	< 1
MW-40S	3.6	70	22	370	< 1
MW-41S	3.2	10	5.7	7.8	1.6
MW-43S	< 1	3.3	1.7	20	< 1
MW-45S	2.2	38	1.8	24	< 1
MW-46S	< 1	71	4.9	150	< 1
MW-51S	< 5	42	< 5	190	7

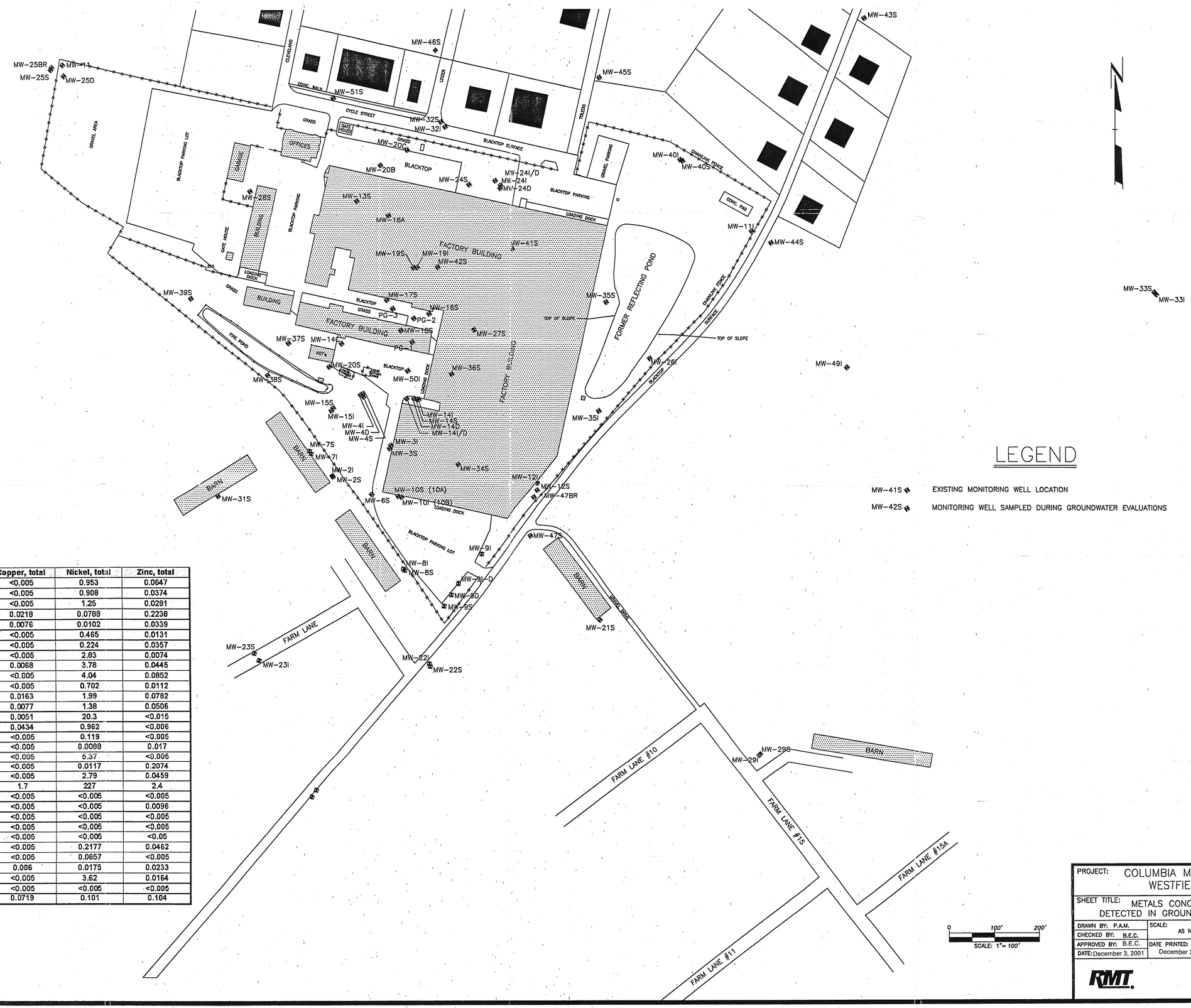
PROJECT: COLUMBIA MANUFACTURING WESTFIELD, MASS.

SHEET TITLE: SELECT CHLORINATED ORGANIC CONCENTRATIONS DETECTED IN NORTH END GROUNDWATER SAMPLING LOCATIONS

DRAWN BY: P.A.M.	SCALE: AS NOTED	PROJ. NO. 998.62
CHECKED BY: B.E.C.		FILE NO. 800-3.DWG
APPROVED BY: B.E.C.	DATE PRINTED: December 3, 2001	SHEET 4 OF 5
DATE: December 3, 2001		

RMT.
100 Verdae Blvd.
Greenville, SC 29607-3825
P.O. Box 16778 29606-6778
Phone: 864-281-0030
Fax: 864-281-0288

AUTOCAD
Drawing Name: J:\CAD\HISTORY\ATD\800-3.DWG
Operator Name: p.a.m.
Date: Fri Dec 07 10:47:12 2001
Plot Date: Fri Dec 07 10:47:12 2001
Plot Time: Fri Dec 07 10:47:12 2001
Plot Scale: 1:1



LEGEND

MW-41S ◆ EXISTING MONITORING WELL LOCATION

MW-42S ◆ MONITORING WELL SAMPLED DURING GROUNDWATER EVALUATIONS

Well ID	Cadmium, total	Chromium, total	Copper, total	Nickel, total	Zinc, total
MW-02S	0.0033	0.0512	<0.005	0.953	0.0647
MW-03I	<0.0025	0.701	<0.005	0.908	0.0374
MW-03S	<0.0025	0.413	<0.005	1.25	0.0281
MW-04D	<0.0025	0.108	0.0218	0.0788	0.2238
MW-04I	<0.0025	0.0093	0.0076	0.0102	0.0339
MW-04S	<0.0025	<0.005	<0.005	0.465	0.0131
MW-07S	<0.0025	0.241	<0.005	0.224	0.0357
MW-08S	<0.0025	0.552	<0.005	2.83	0.0074
MW-10I	0.0049	0.999	0.0068	3.78	0.0445
MW-10S	0.008	1.05	<0.005	4.04	0.0852
MW-12S	<0.0025	<0.005	<0.005	0.702	0.0112
MW-14I	0.0119	0.02	0.0163	1.99	0.0782
MW-14S	0.0081	0.0179	0.0077	1.38	0.0506
MW-16S	<0.0025	<0.005	0.0051	20.3	<0.015
MW-17S	<0.0025	0.0482	0.0434	0.962	<0.006
MW-19S	<0.0025	<0.005	<0.005	0.119	<0.005
MW-21S	<0.0025	<0.005	<0.005	0.0088	0.017
MW-22S	<0.0025	0.724	<0.005	5.37	<0.005
MW-25S	0.0026	<0.005	<0.005	0.0117	0.2074
MW-26I	<0.0025	<0.005	<0.005	2.79	0.0459
MW-27S	0.0117	11.7	1.7	227	2.4
MW-28S	<0.0025	<0.005	<0.005	<0.005	<0.005
MW-29I	<0.0025	<0.005	<0.005	<0.005	0.0096
MW-29S	<0.0025	<0.005	<0.005	<0.005	<0.005
MW-30I	<0.0025	<0.005	<0.005	<0.005	<0.005
MW-35I	<0.0025	<0.005	<0.005	<0.005	<0.05
MW-35S	<0.0025	<0.005	<0.005	0.2177	0.0462
MW-38S	<0.0025	<0.005	<0.005	0.0657	<0.005
MW-39S	<0.0025	<0.005	0.006	0.0175	0.0233
MW-47S	<0.0025	<0.005	<0.005	3.62	0.0164
MW-48S	<0.0025	<0.005	<0.005	<0.005	<0.005
MW-50I	<0.0025	0.0258	0.0719	0.101	0.104

PROJECT: COLUMBIA MANUFACTURING WESTFIELD, MASS.

SHEET TITLE: METALS CONCETRATIONS DETECTED IN GROUNDWATER SAMPLES

DRAWN BY: P.A.M.	SCALE: AS NOTED	PROJ. NO. 998.62
CHECKED BY: B.E.C.		FILE NO. 800-1.DWG
APPROVED BY: B.E.C.	DATE PRINTED: December 3, 2001	SHEET 5 OF 5
DATE: December 3, 2001		

RMT
100 Verdae Blvd.
Greenville, SC 29607-3825
P.O. Box 16778 29606-6778
Phone: 864-281-0030
Fax: 864-281-0288

RMT COMPUTER AIDED DESIGN & DRAFTING

Close File

Table 1
Monitoring Well Inventory
Columbia Manufacturing, Westfield, MA

WELL ID	OBSERVATIONS
MW-44S	Unable to locate in field, possibly destroyed
MW-06S	Not found, possible burried under gravel or asphalt
MW-49I	Unable to locate in field, reported destroyed during farming operations
MW-30S	Unable to locate in field, destroyed during farming operations, only Teflon tubing found.
MW-09I/D	Damaged by vehicle, casing stickup bent
MW-19I	Covered by concrete floor
MW-42S	Covered by plating system
MW-37S	Not found, reported removal by previous contractor during tank excavation
MW-14S	Not found, reported removal by previous contractor during tank excavation
MW-20S	Not found, reported removal by previous contractor during tank excavation
MW-31S	Lost-adjacent to fire destroyed barn
MW-34S	Not found within building, covered by materials at loading dock
MW-24S	Heavy silt and sand observed during purging, possible well damage
MW-24I	Heavy silt observed during purging, possible well damage
MW-24I/D	Heavy silt observed during purging, possible well damage
MW-24D	Heavy silt observed during purging, possible well damage
MW-48S	Obstruction - lock and tubing in well
MW-04I	Grass and roots in well
MW-04D	Well casing bent, obstruction in well
MW-14I/D	Locking cap broken
MW-03S	Lid broken
MW-02I	Cap missing
MW-10I	Cap missing
MW-07S	Damaged
MW-38S	Obstruction in well

Close File

Table 2
Summary of Water Level Elevations
Columbia Manufacturing Facility, Westfield, MA

WELL ID	TOP OF PVC CASING ELEVATION	TOTAL WELL DEPTH (ft TOC)	DEPTH TO WATER (9/25/2001)	GROUNDWATER ELEVATION (9/25/2001)
MW-02S	88.01	16.2	11.18	76.83
MW-02I	87.83	25.15	13.55	74.28
MW-03S	87.78	15.1	11.05	76.73
MW-03I	87.87	28.15	14.2	73.67
MW-04S	90.05	18.4	9.15	80.9
MW-04I	89.11	31.3	12.83	76.28
MW-04D	90.22	61.4	18.1	72.12
MW-07S	88.79	19.6	9.2	79.59
MW-07I	88.86	27.5	15.51	73.35
MW-08S	88.48	20	15.05	73.43
MW-08I	88.7	26.9	17.12	71.58
MW-09S	91.57	19.6	18.6	72.97
MW-09I	88.92	32.3	17.65	71.27
MW-09I/D	89.47	74.2	14.05	75.42
MW-09D	90.13	134.5	19.6	70.53
MW-10S	88.37	22	14	74.37
MW-10I	87.94	27.85	14.95	72.99
MW-11I	87.41	29.8	16.1	71.31
MW-12S	91.33	24.85	17.65	73.68
MW-12I	91.01	44	19.6	71.41
MW-13S	88.22	9.85	6.25	81.97
MW-14S	87.74	13.52	7.2	80.54
MW-14I	88.1	23.9	7.8	80.3
MW-14ID	86.1	49.6	16.4	69.7
MW-14D	88.24	69.8	15.18	73.06
MW-16S	87.79	14.8	6.55	81.24
MW-17S	87.85	13.7	5.74	82.11
MW-18A	88.9	13.45	7	81.9
MW-19S	88.22	10.25	6.77	81.45
MW-20B	87.19	12.4	6.3	80.89
MW-20C	86.42	14.6	6.2	80.22
MW-21S	85.44	20.45	12.85	72.59
MW-22S	87.1	25.5	16.95	70.15
MW-22I	89.29	42	17.45	71.84
MW-23S	90.25	24.8	16.68	73.57
MW-23I	90.41	40.6	17.2	73.21
MW-24S	90.19	19.9	11.6	78.59
MW-24I	89.79	42.1	14.47	75.32
MW-24I/D	90.09	57	20.5	69.59
MW-24D	89.72	65.6	20.45	69.27
MW-25S	93.97	14.5	10.6	83.37

Close File

Table 2
Summary of Water Level Elevations
Columbia Manufacturing Facility, Westfield, MA

WELL ID	TOP OF PVC CASING ELEVATION	TOTAL WELL DEPTH (ft TOC)	DEPTH TO WATER (9/25/2001)	GROUNDWATER ELEVATION (9/25/2001)
MW-25D	94.2	73.6	25.7	68.5
MW-25BR	93.88	117.05	27.25	66.63
MW-26I	89.58	29.05	17.5	72.08
MW-27S	88.62	15	9.6	79.02
MW-28S	90.66	14.45	8.47	82.19
MW-29S	88.01	22.3	18.07	69.94
MW-29I	88.04	41.7	18.12	69.92
MW-30I	87.24	39.25	15.85	71.39
MW-32S	86.58	13.4	6.45	80.13
MW-32I	86.59	39.25	11.4	75.19
MW-35S	85.55	15	6.88	78.67
MW-35I	89.21	42.3	16.45	72.76
MW-36S	88.61	17.6	12.4	76.21
MW-38S	91.47	17.8	10.37	81.1
MW-39S	89.89	13.4	10	79.89
MW-40S	84.23	15.35	9.4	74.83
MW-40I	83.62	39.6	12.77	70.85
MW-41S	88.66	14.4	9.4	79.26
MW-43S	84.11	19.5	10.8	73.31
MW-45S	84.35	14.6	7.73	76.62
MW-46S	86.37	12	7.2	79.17
MW-47S	86.32	24.3	12.75	73.57
MW-47BR	91.16	180.2	22.9	68.26
MW-48S	90.66	23.7	17.49	73.17
MW-48I	90.67	39.9	17.75	72.92
MW-50I	87.94	37.3	18.2	69.74
MW-51S	88.2	12.8	6.9	81.3

Close File

Table 3
Summary of Analytical Methods
Columbia Manufacturing Facility, Westfield, MA

LOCATION	ANALYTICAL METHOD		
	USEPA 200.7	SW8260B	SW8270C
DP-01		✓	
DP-02		✓	
DP-03		✓	
DP-04		✓	
DP-04I		✓	
DP-05		✓	
DP-06		✓	
DP-07		✓	
DP-08		✓	
DP-09		✓	
DP-10		✓	
DP-11		✓	
DP-12		✓	
DP-13		✓	
DP-14		✓	
DP-15		✓	
DP-16		✓	
DP-17		✓	
DP-18		✓	
DP-19		✓	
DP-19I		✓	
DP-20		✓	
DP-21		✓	
DP-22		✓	
DP-23		✓	
DP-24		✓	
DP-25		✓	
DP-26		✓	
DP-26I		✓	
DP-27		✓	
DP-29		✓	
DP-30		✓	
DP-31		✓	
MW-02S	✓	✓	✓
MW-03I	✓	✓	✓
MW-03S	✓	✓	✓
MW-04D	✓	✓	
MW-04I	✓	✓	✓
MW-04S	✓	✓	✓

Close File

Table 3
Summary of Analytical Methods
Columbia Manufacturing Facility, Westfield, MA

LOCATION	ANALYTICAL METHOD		
	USEPA 200.7	SW8260B	SW8270C
MW-07S	✓	✓	✓
MW-08S	✓	✓	✓
MW-10I	✓	✓	✓
MW-10S	✓	✓	✓
MW-11I		✓	
MW-12S	✓	✓	✓
MW-13S		✓	
MW-14I	✓	✓	✓
MW-14S	✓	✓	✓
MW-16S	✓	✓	✓
MW-17S	✓	✓	✓
MW-18A		✓	
MW-19S	✓	✓	✓
MW-20B		✓	
MW-20C		✓	
MW-21S	✓	✓	✓
MW-22S	✓	✓	✓
MW-24D		✓	
MW-24I		✓	
MW-24I (Dup-01)		✓	
MW-24ID		✓	
MW-24S		✓	
MW-25S	✓	✓	✓
MW-26I	✓	✓	✓
MW-26I (Dup-03)	✓	✓	✓
MW-27S	✓	✓	✓
MW-28S	✓	✓	✓
MW-29I	✓	✓	✓
MW-29S	✓	✓	✓
MW-30I	✓	✓	✓
MW-30I (Dup-02)	✓	✓	✓
MW-32I		✓	
MW-32S		✓	
MW-35I	✓	✓	✓
MW-35S	✓	✓	✓
MW-38S	✓	✓	✓
MW-39S	✓	✓	✓
MW-40I		✓	
MW-40S		✓	

Close File

Table 3
Summary of Analytical Methods
Columbia Manufacturing Facility, Westfield, MA

LOCATION	ANALYTICAL METHOD		
	USEPA 200.7	SW8260B	SW8270C
MW-41S		✓	
MW-43S		✓	
MW-45S		✓	
MW-46S		✓	
MW-47S	✓	✓	✓
MW-48S	✓	✓	✓
MW-50I	✓	✓	✓
MW-51S		✓	

Close File

Table 4
Summary of Vertical Groundwater Gradients
Columbia Manufacturing Facility, Westfield, MA

WELL PAIR	VERTICAL GRADIENT (feet/foot)
MW-04S/MW-04I	-0.303
MW-04I/MW-04D	-0.112
MW-14S/MW-14I	-0.029
MW-14I/MW-14ID	-0.426
MW-14ID/MW-14D	0.159
MW-24S/MW-24I	-0.240
MW-24I/MW-24ID	-0.020
MW-25S/MW-25D	-0.268
MW-29S/MW-29I	-0.001
MW-40S/MW-40I	-0.183
MW-48S/MW-48I	-0.033

Negative values indicate downward vertical groundwater gradients.

Close File

Table 5
Summary of Volatile Organic Compounds Detected in Groundwater Samples
Columbia Manufacturing Facility
Westfield, MA

Parameter	MCL	Location/Sample Date										
		MW-02S 10/01/01	MW-03I 10/02/01	MW-03S 10/02/01	MW-04D 10/03/01	MW-04I 10/02/01	MW-04S 10/02/01	MW-07S 10/01/01	MW-08S 10/01/01	MW-10I 10/02/01	MW-10S 10/02/01	MW-11I 09/27/01
Method SW8260												
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane		**0.0084**	<0.001	<0.001	<0.001	**0.0084**	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	0.007	<0.001	**0.0078**	**0.0052**	<0.001	**0.019**	**0.035**	**0.0033**	<0.001	<0.001	**0.0039**	<0.001
1,2,4-Trimethylbenzene		<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Acetone		<0.02	<0.02	<0.02	**0.095**	<0.1	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02
Benzene	0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform	0.1	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane		<0.002	<0.002	<0.002	<0.002	<0.01	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002
cis-1,2-Dichloroethene	0.07	**0.052**	**0.077**	**0.071**	<0.001	**0.055**	**0.37**	**0.019**	**0.0035**	**0.0094**	**0.046**	**0.013**
Ethylbenzene	0.7	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene		<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Methyl tert-butyl ether		<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Naphthalene		<0.001	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001
n-Butylbenzene		<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
n-Propylbenzene		<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
sec-Butylbenzene		<0.001	**0.0012**	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
tert-Butylbenzene		<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	**0.0039**
Toluene	1	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	0.1	**0.0022**	**0.0013**	<0.001	<0.001	<0.005	**0.0068**	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	0.005	**0.02**	**0.28**	**0.16**	<0.001	**4.6**	**1.1**	**0.0074**	**0.013**	**0.026**	**0.13**	**0.013**
Vinyl chloride	0.002	**0.0011 j**	**0.034**	**0.0097**	<0.002	**0.021**	**0.077**	<0.001	<0.001	**0.0013**	**0.0061**	<0.001

Close File

Table 5
Summary of Volatile Organic Compounds Detected in Groundwater Samples
Columbia Manufacturing Facility
Westfield, MA

Parameter	MCL	Location/Sample Date										
		MW-12S 10/01/01	MW-13S 09/25/01	MW-14I 10/02/01	MW-14S 10/02/01	MW-16S 10/04/01	MW-17S 10/04/01	MW-18A 09/25/01	MW-19S 10/04/01	MW-20B 09/27/01	MW-20C 09/26/01	MW-21S 10/01/01
Method SW8260												
1,1,1-Trichloroethane	0.2	<0.001	<0.001	**0.0039**	<0.005	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane		<0.001	**0.001**	<0.001	<0.005	<0.001	<0.001	**0.056**	<0.001	**0.0024**	<0.001	<0.001
1,1-Dichloroethene	0.007	<0.001	<0.001	**0.0017**	<0.005	<0.001	<0.001	<0.005	<0.001	**0.0039**	<0.001	<0.001
1,2,4-Trimethylbenzene		<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.01	**0.0018**	<0.001	<0.001	<0.001
Acetone		<0.02	<0.02	<0.02	<0.1	<0.02	<0.02	<0.2	<0.02	<0.02	<0.02	<0.02
Benzene	0.005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005	**0.0016**	<0.001	<0.001	<0.001
Chloroform	0.1	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001
Chloromethane		<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.02	<0.002	<0.002	<0.002	<0.002
cis-1,2-Dichloroethene	0.07	<0.001	**0.0044**	**0.1**	**0.087**	<0.001	**0.003**	**0.8**	**0.0031**	**0.11**	**0.024**	<0.001
Ethylbenzene	0.7	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.01	**0.018**	<0.001	<0.001	<0.001
Isopropylbenzene		<0.001	**0.001**	<0.002	<0.005	**0.0015**	<0.001	<0.01	**0.027**	**0.003**	<0.001	<0.001
Methyl tert-butyl ether		<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001
Naphthalene		<0.005	<0.001	<0.001	<0.005	<0.005	<0.005	<0.01	**0.066**	**0.0016**	<0.001	<0.001
n-Butylbenzene		<0.001	**0.0022**	<0.001	<0.005	**0.0034**	<0.001	<0.01	**0.012**	<0.001	<0.001	<0.001
n-Propylbenzene		<0.001	<0.001	<0.002	<0.005	**0.0019**	<0.001	<0.01	**0.052**	<0.001	<0.001	<0.001
sec-Butylbenzene		<0.001	**0.0026**	<0.001	<0.005	**0.0036**	<0.001	<0.01	**0.0087**	**0.0036**	<0.001	<0.001
tert-Butylbenzene		<0.001	**0.0014**	<0.001	<0.005	<0.001	<0.001	<0.01	**0.0025**	**0.0013**	<0.001	<0.001
Tetrachloroethene	0.005	<0.001	**0.0021**	**0.016**	**0.009**	<0.001	<0.001	<0.005	<0.001	**0.055**	**0.0067**	<0.002
Toluene	1	<0.001	**0.0059**	<0.001	<0.005	<0.001	<0.001	<0.01	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	**0.055**	<0.001	**0.0015**	<0.001	<0.001
Trichloroethene	0.005	<0.001	**0.042**	**0.61**	**0.57**	<0.001	**0.0067**	<0.005	<0.001	**0.084**	**0.18**	**0.0043**
Vinyl chloride	0.002	<0.001	**0.0029**	**0.022**	**0.041**	<0.001	<0.001	**0.29**	**0.0038**	**0.096 j**	**0.018 j**	<0.001

Close File

Table 5
Summary of Volatile Organic Compounds Detected in Groundwater Samples
Columbia Manufacturing Facility
Westfield, MA

Parameter	MCL	Location/Sample Date									
		MW-22S 10/03/01	MW-24D 09/26/01	MW-24I 09/26/01	MW-24I (Dup-01) 09/26/01	MW-24ID 09/26/01	MW-24S 09/26/01	MW-25S 10/03/01	MW-26I 10/03/01	MW-26I (Dup-03) 10/03/01	MW-27S 09/25/01
Method SW8260											
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	<0.001
1,1-Dichloroethane		<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	<0.001
1,1-Dichloroethene	0.007	<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	<0.001
1,2,4-Trimethylbenzene		<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	**0.0043**
Acetone		<0.02	<0.02	<1	<1	<0.02	<1	<0.02	<0.05	<0.05	<0.02
Benzene	0.005	<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	<0.001
Chloroform	0.1	<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	**0.0048**
Chloromethane		<0.002	<0.002	<0.1	<0.1	<0.002	<0.1	<0.002	<0.005	<0.005	**0.0023**
cis-1,2-Dichloroethene	0.07	**0.027**	<0.001	**0.12**	**0.12**	<0.001	**0.38**	<0.001	**0.081**	**0.075**	<0.001
Ethylbenzene	0.7	<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	<0.001
Isopropylbenzene		<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	**0.0019**
Methyl tert-butyl ether		<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	<0.001
Naphthalene		<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	<0.005
n-Butylbenzene		<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	**0.0028**
n-Propylbenzene		<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	**0.0036**
sec-Butylbenzene		<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	**0.0014**
tert-Butylbenzene		<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	<0.001
Tetrachloroethene	0.005	**0.018**	<0.001	**0.15**	**0.15**	<0.001	**0.5**	<0.001	**0.023**	**0.021**	**0.025**
Toluene	1	<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	<0.001
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.05	<0.05	<0.001	<0.05	<0.001	<0.0025	<0.0025	<0.001
Trichloroethene	0.005	**0.049**	<0.001	**3.2**	**2.8**	**0.01**	**6.1**	<0.001	**0.18**	**0.17**	**0.0026**
Vinyl chloride	0.002	<0.001	<0.001	**0.065 j**	**0.057 j**	<0.001	**0.3 j**	<0.001	<0.0025	<0.0025	<0.001

Close File

Table 5
Summary of Volatile Organic Compounds Detected in Groundwater Samples
Columbia Manufacturing Facility
Westfield, MA

Parameter	MCL	Location/Sample Date									
		MW-28S 10/04/01	MW-29I 10/01/01	MW-29S 10/01/01	MW-30I 10/01/01	MW-30I (Dup-02) 10/01/01	MW-32I 09/24/01	MW-32S 09/24/01	MW-35I 10/03/01	MW-35S 10/03/01	MW-38S 10/03/01
Method SW8260											
1,1,1-Trichloroethane	0.2	<0.001	<0.001	<0.001	**0.0033**	**0.0033**	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane		<0.001	<0.001	<0.001	**0.0052**	**0.0066**	**0.0014**	**0.016**	<0.001	<0.001	<0.001
1,1-Dichloroethene	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0021**	<0.001	<0.001	**0.0047**
1,2,4-Trimethylbenzene		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Acetone		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Benzene	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0055**	<0.001	**0.0021**	<0.001	<0.001
Chloroform	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
cis-1,2-Dichloroethene	0.07	<0.001	**0.0012**	<0.001	**0.004**	**0.0033**	**0.14**	**0.011**	**0.037**	<0.001	**0.092**
Ethylbenzene	0.7	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0019**	<0.001	<0.001	<0.001
Methyl tert-butyl ether		<0.001	<0.001	<0.001	**0.016**	**0.019**	<0.001	<0.001	<0.001	<0.001	<0.001
Naphthalene		<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001
n-Butylbenzene		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
n-Propylbenzene		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
sec-Butylbenzene		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0011**	<0.001	<0.001	<0.001
tert-Butylbenzene		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0048**	**0.0028**	**0.0041**	<0.001	<0.001
Toluene	1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.002**	<0.001	<0.001	**0.0026**
Trichloroethene	0.005	<0.001	**0.0051**	**0.0053**	**0.0038**	**0.0034**	**0.1**	**0.0074**	**0.069**	<0.001	**0.011**
Vinyl chloride	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	**0.012**	**0.25**	<0.002	<0.001	**0.028**

Close File

Table 5
Summary of Volatile Organic Compounds Detected in Groundwater Samples
Columbia Manufacturing Facility
Westfield, MA

Parameter	MCL	Location/Sample Date										
		MW-39S 10/03/01	MW-40I 09/26/01	MW-40S 09/26/01	MW-41S 09/25/01	MW-43S 09/24/01	MW-45S 09/27/01	MW-46S 09/25/01	MW-47S 10/01/01	MW-48S 10/03/01	MW-50I 10/04/01	MW-51S 09/25/01
Method SW8260												
1,1,1-Trichloroethane	0.2	<0.001	<0.001	**0.0016**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0025**	<0.005	<0.005
1,1-Dichloroethane		**0.0023**	<0.001	**0.0036**	**0.0032**	<0.001	**0.0022**	<0.001	<0.001	**0.0052**	<0.005	<0.005
1,1-Dichloroethene	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0067**	<0.005
1,2,4-Trimethylbenzene		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Acetone		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1	<0.1
Benzene	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0071**	<0.005
Chloroform	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Chloromethane		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.01
cis-1,2-Dichloroethene	0.07	**0.0011**	<0.001	**0.07**	**0.01**	**0.0033**	**0.038**	**0.071**	**0.024**	**0.0032**	**0.25**	**0.042**
Ethylbenzene	0.7	<0.001	<0.001	<0.001	**0.0034**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Isopropylbenzene		<0.001	<0.001	<0.001	**0.0029**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Methyl tert-butyl ether		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Naphthalene		<0.005	<0.001	<0.001	**0.0034**	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005
n-Butylbenzene		<0.001	<0.001	<0.001	**0.0028**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
n-Propylbenzene		<0.001	<0.001	<0.001	**0.0031**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
sec-Butylbenzene		<0.001	<0.001	<0.001	**0.0023**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
tert-Butylbenzene		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Tetrachloroethene	0.005	<0.001	<0.001	**0.022**	**0.0057**	**0.0017**	**0.0018**	**0.0049**	**0.027**	<0.001	<0.005	<0.005
Toluene	1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Trichloroethene	0.005	**0.0014**	**0.0035**	**0.37**	**0.0078**	**0.02**	**0.024**	**0.15**	<0.001	**0.0015**	**0.59**	**0.19**
Vinyl chloride	0.002	<0.001	<0.001	<0.001	**0.0016**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.054**	**0.007**

Close File

Table 6
Summary of Semi-Volatile Organic Compounds Detected in Groundwater Samples
Columbia Manufacturing Facility
Westfield, MA

Parameter	MCL	Location/Sample Date										
		MW-02S 10/01/01	MW-03I 10/02/01	MW-03S 10/02/01	MW-04D 10/03/01	MW-04I 10/02/01	MW-04S 10/02/01	MW-07S 10/01/01	MW-08S 10/01/01	MW-10I 10/02/01	MW-10S 10/02/01	MW-11I 09/27/01
Method SW8270												
2-Methylnaphthalene		<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA
Acenaphthene		<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA
bis(2-Ethylhexyl)phthalate		<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA
Di-n-butylphthalate		<0.005	<0.005	<0.005	NA	**0.0051**	<0.005	<0.005	<0.005	<0.005	<0.005	NA
Dibenzofuran		<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA
Fluorene		<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA
Phenanthrene		<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA

Parameter	MCL	Location/Sample Date										
		MW-12S 10/01/01	MW-13S 09/25/01	MW-14I 10/02/01	MW-14S 10/02/01	MW-16S 10/04/01	MW-17S 10/04/01	MW-18A 09/25/01	MW-19S 10/04/01	MW-20B 09/27/01	MW-20C 09/26/01	MW-21S 10/01/01
Method SW8270												
2-Methylnaphthalene		<0.005	NA	<0.005	<0.005	<0.005	<0.005	NA	**0.0061**	NA	NA	<0.005
Acenaphthene		<0.005	NA	<0.005	<0.005	<0.005	<0.005	NA	**0.0097**	NA	NA	<0.005
bis(2-Ethylhexyl)phthalate		<0.005	NA	<0.005	<0.005	<0.005	**0.017**	NA	<0.005	NA	NA	<0.005
Di-n-butylphthalate		<0.005	NA	<0.005	<0.005	<0.005	<0.005	NA	<0.005	NA	NA	<0.005
Dibenzofuran		<0.005	NA	<0.005	<0.005	<0.005	<0.005	NA	**0.0087**	NA	NA	<0.005
Fluorene		<0.005	NA	<0.005	<0.005	<0.005	<0.005	NA	**0.012**	NA	NA	<0.005
Phenanthrene		<0.005	NA	<0.005	<0.005	<0.005	<0.005	NA	**0.0089**	NA	NA	<0.005

Parameter	MCL	Location/Sample Date										
		MW-22S 10/03/01	MW-24D 09/26/01	MW-24I 09/26/01	MW-24I (Dup-01) 09/26/01	MW-24ID 09/26/01	MW-24S 09/26/01	MW-25S 10/03/01	MW-26I 10/03/01	MW-26I (Dup-03) 10/03/01	MW-27S 09/25/01	MW-28S 10/04/01
Method SW8270												
2-Methylnaphthalene		<0.005	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.005
Acenaphthene		<0.005	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.005
bis(2-Ethylhexyl)phthalate		<0.005	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.005
Di-n-butylphthalate		<0.005	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.005
Dibenzofuran		<0.005	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.005
Fluorene		<0.005	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.005
Phenanthrene		<0.005	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	**0.0055**	<0.005

Close File

Table 6
Summary of Semi-Volatile Organic Compounds Detected in Groundwater Samples
Columbia Manufacturing Facility
Westfield, MA

Parameter	MCL	Location/Sample Date									
		MW-29I 10/01/01	MW-29S 10/01/01	MW-30I 10/01/01	MW-30I (Dup-02) 10/01/01	MW-32I 09/24/01	MW-32S 09/24/01	MW-35I 10/03/01	MW-35S 10/03/01	MW-38S 10/03/01	MW-39S 10/03/01
Method SW8270											
2-Methylnaphthalene		<0.005	<0.005	<0.005	<0.005	NA	NA	<0.005	<0.005	<0.005	<0.005
Acenaphthene		<0.005	<0.005	<0.005	<0.005	NA	NA	<0.005	<0.005	<0.005	<0.005
bis(2-Ethylhexyl)phthalate		<0.005	<0.005	<0.005	<0.005	NA	NA	<0.005	<0.005	<0.005	<0.005
Di-n-butylphthalate		<0.005	<0.005	<0.005	<0.005	NA	NA	<0.005	<0.005	<0.005	<0.005
Dibenzofuran		<0.005	<0.005	<0.005	<0.005	NA	NA	<0.005	<0.005	<0.005	<0.005
Fluorene		<0.005	<0.005	<0.005	<0.005	NA	NA	<0.005	<0.005	<0.005	<0.005
Phenanthrene		<0.005	<0.005	<0.005	<0.005	NA	NA	<0.005	<0.005	<0.005	<0.005

Parameter	MCL	Location/Sample Date									
		MW-40I 09/26/01	MW-40S 09/26/01	MW-41S 09/25/01	MW-43S 09/24/01	MW-45S 09/27/01	MW-46S 09/25/01	MW-47S 10/01/01	MW-48S 10/03/01	MW-50I 10/04/01	MW-51S 09/25/01
Method SW8270											
2-Methylnaphthalene		NA	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	NA
Acenaphthene		NA	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	NA
bis(2-Ethylhexyl)phthalate		NA	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	NA
Di-n-butylphthalate		NA	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	NA
Dibenzofuran		NA	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	NA
Fluorene		NA	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	NA
Phenanthrene		NA	NA	NA	NA	NA	NA	<0.005	<0.005	<0.005	NA

Close File

Table 7
Summary of Metals Detected in Groundwater Samples
Columbia Manufacturing Facility
Westfield, MA

Parameter	MCL	Location/Sample Date											
		MW-02S 10/01/01	MW-03I 10/02/01	MW-03S 10/02/01	MW-04D 10/03/01	MW-04I 10/02/01	MW-04S 10/02/01	MW-07S 10/01/01	MW-08S 10/01/01	MW-10I 10/02/01	MW-10S 10/02/01	MW-12S 10/01/01	MW-14I 10/02/01
EPA Method 200.7													
Cadmium, total	0.005	**0.0033**	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	**0.0049**	**0.008**	<0.0025	**0.0119**
Chromium, total	0.1	**0.0512**	**0.701**	**0.413**	**0.108**	**0.0093**	<0.005	**0.241**	**0.552**	**0.999**	**1.05**	<0.005	**0.02**
Copper, total	1.3	<0.005	<0.005	<0.005	**0.0218**	**0.0076**	<0.005	<0.005	<0.005	**0.0068**	<0.005	<0.005	**0.0163**
Nickel, total	0.1	**0.953**	**0.908**	**1.25**	**0.0788**	**0.0102**	**0.465**	**0.224**	**2.83**	**3.78**	**4.04**	**0.702**	**1.99**
Zinc, total	5	**0.0647**	**0.0374**	**0.0281**	**0.2238**	**0.0339**	**0.0131**	**0.0357**	**0.0074**	**0.0445**	**0.0852**	**0.0112**	**0.0782**

Parameter	MCL	Location/Sample Date										
		MW-14S 10/02/01	MW-16S 10/02/01	MW-17S 10/04/01	MW-19S 10/04/01	MW-21S 10/01/01	MW-22S 10/03/01	MW-25S 10/03/01	MW-26I 10/03/01	MW-26I (Dup-03) 10/03/01	MW-27S 10/04/01	MW-28S 10/03/01
EPA Method 200.7												
Cadmium, total	0.005	**0.0081**	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	**0.0026**	<0.0025	<0.0025	**0.0117**	<0.0025
Chromium, total	0.1	**0.0179**	<0.005	**0.0482**	<0.005	<0.005	**0.724**	<0.005	<0.005	<0.005	**11.7**	<0.005
Copper, total	1.3	**0.0077**	**0.0051**	**0.0434**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**1.7**	<0.005
Nickel, total	0.1	**1.38**	**20.3**	**0.962**	**0.119**	**0.0088**	**5.37**	**0.0117**	**2.79**	**2.74**	**227**	<0.005
Zinc, total	5	**0.0506**	<0.015	<0.006	<0.005	**0.017**	<0.005	**0.2074**	**0.0459**	**0.0465**	**2.4**	<0.005

Parameter	MCL	Location/Sample Date										
		MW-29I 10/01/01	MW-29S 10/01/01	MW-30I 10/01/01	MW-30I (Dup-02) 10/01/01	MW-35I 10/03/01	MW-35S 10/03/01	MW-38S 10/03/01	MW-39S 10/03/01	MW-47S 10/01/01	MW-48S 10/03/01	MW-50I 10/04/01
EPA Method 200.7												
Cadmium, total	0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Chromium, total	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.0258**
Copper, total	1.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.006**	<0.005	<0.005	**0.0719**
Nickel, total	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	**0.2177**	**0.0657**	**0.0175**	**3.62**	<0.005	**0.101**
Zinc, total	5	**0.0096**	<0.005	<0.005	<0.005	<0.05	**0.0462**	<0.005	**0.0233**	**0.0164**	<0.005	**0.104**

Close File

Table 8
Summary of Volatile Organic Compounds Detected in Groundwater Screening Samples
Columbia Manufacturing Facility
Westfield, MA

Parameter	MCL	Location/Sample Date										
		DP-01 10/01/01	DP-02 10/01/01	DP-03 10/01/01	DP-04 10/01/01	DP-04I 10/01/01	DP-05 10/02/01	DP-06 10/02/01	DP-07 10/02/01	DP-08 10/02/01	DP-09 10/02/01	DP-10 10/02/01
Method SW8260												
1,1,1-Trichloroethane	0.2	<0.005	<0.005	<0.005	<0.01	**0.054**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025
1,1-Dichloroethane		<0.005	<0.005	**0.018**	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025
1,1-Dichloroethene	0.007	<0.005	<0.005	<0.005	**0.012**	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025
Chloroform	0.1	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025
cis-1,2-Dichloroethene	0.07	**0.12**	**0.22**	**0.21**	**0.47**	**0.65**	**0.14**	**0.23**	**0.081**	**0.22**	**0.21**	**0.16**
Methyl tert-butyl ether		<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025
Tetrachloroethene	0.005	<0.005	**0.072**	**0.072**	**0.052**	**0.41**	<0.005	<0.005	<0.005	**0.47**	**0.26**	**0.071**
trans-1,2-Dichloroethene	0.1	<0.005	<0.005	<0.005	<0.01	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025
Trichloroethene	0.005	**0.47**	**0.7**	**0.47**	**0.91**	**7.6**	**0.66**	**1.3**	**0.41**	**1.3**	**0.64**	**2.6**
Vinyl chloride	0.002	**0.041**	**0.1**	**0.37**	**0.37 j**	**0.36**	**0.023 j**	**0.038 j**	<0.01	**0.052 j**	**0.13 j**	**0.13 j**

Close File

Table 8
Summary of Volatile Organic Compounds Detected in Groundwater Screening Samples
Columbia Manufacturing Facility
Westfield, MA

Parameter	MCL	Location/Sample Date										
		DP-11 10/02/01	DP-12 10/02/01	DP-13 10/03/01	DP-14 10/03/01	DP-15 10/03/01	DP-16 10/03/01	DP-17 10/03/01	DP-18 10/03/01	DP-19 10/03/01	DP-19I 10/03/01	DP-20 10/03/01
Method SW8260												
1,1,1-Trichloroethane	0.2	<0.025	<0.05	**0.04**	**0.018**	**0.033**	<0.005	**0.0029**	<0.001	<0.001	**0.0076**	**0.0031**
1,1-Dichloroethane		<0.025	**0.07**	**0.053**	**0.02**	<0.01	**0.022**	**0.0068**	**0.0035**	**0.0018**	<0.005	**0.0043**
1,1-Dichloroethene	0.007	<0.025	<0.025	**0.025**	**0.018**	<0.01	**0.017**	**0.0084**	**0.0015**	<0.001	<0.005	**0.002**
Chloroform	0.1	<0.025	<0.025	<0.01	<0.01	<0.01	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001
cis-1,2-Dichloroethene	0.07	**0.51**	**0.42**	**0.76**	**0.44**	**0.31**	**0.42**	**0.45**	**0.11**	**0.065**	**0.17**	**0.094**
Methyl tert-butyl ether		<0.025	<0.025	<0.01	<0.01	<0.01	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001
Tetrachloroethene	0.005	**0.24**	**0.21**	**0.46**	**0.15**	**0.25**	**0.041**	**0.016**	**0.005**	**0.0078**	**0.071**	**0.023**
trans-1,2-Dichloroethene	0.1	<0.025	<0.025	**0.011**	<0.01	<0.01	**0.0052**	**0.0049**	**0.0013**	<0.001	<0.005	<0.001
Trichloroethene	0.005	**10.5**	**3.3**	**8**	**4.3**	**4.1**	**0.67**	**0.36**	**0.032**	**0.097**	**1.3**	**0.46**
Vinyl chloride	0.002	**0.31 j**	**1.8 j**	**1.1 j**	**0.34 j**	**0.18 j**	**0.36 j**	**0.31 j**	**0.049 j**	**0.018 j**	**0.086 j**	**0.037 j**

Close File

Table 8
Summary of Volatile Organic Compounds Detected in Groundwater Screening Samples
Columbia Manufacturing Facility
Westfield, MA

Parameter	MCL	Location/Sample Date										
		DP-21 10/03/01	DP-22 10/03/01	DP-23 10/03/01	DP-24 10/03/01	DP-25 10/03/01	DP-26 10/03/01	DP-26I 10/04/01	DP-27 10/04/01	DP-29 10/04/01	DP-30 10/04/01	DP-31 10/04/01
Method SW8260												
1,1,1-Trichloroethane	0.2	**0.0038**	<0.001	**0.0024**	**0.0014**	<0.001	<0.001	<0.001	**0.0015**	<0.001	<0.001	<0.001
1,1-Dichloroethane		**0.0062**	**0.0023**	**0.0042**	**0.0022**	**0.0015**	**0.0018**	**0.0022**	**0.0024**	<0.001	<0.001	**0.0015**
1,1-Dichloroethene	0.007	**0.0021**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.001**	<0.001	<0.001	**0.0016**
Chloroform	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0014**	<0.001	**0.0028**
cis-1,2-Dichloroethene	0.07	**0.096**	**0.047**	**0.098**	**0.049**	**0.029**	**0.035**	**0.052**	**0.06**	<0.001	**0.02**	**0.28**
Methyl tert-butyl ether		**0.0021**	<0.001	<0.001	<0.001	<0.001	**0.0013**	**0.0017**	**0.0025**	<0.001	<0.001	<0.001
Tetrachloroethene	0.005	**0.043**	**0.0097**	**0.027**	**0.013**	**0.0093**	**0.005**	**0.011**	**0.017**	<0.001	**0.0019**	<0.001
trans-1,2-Dichloroethene	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0014**
Trichloroethene	0.005	**0.61**	**0.19**	**0.46**	**0.23**	**0.13**	**0.1**	**0.15**	**0.21**	**0.004**	**0.026**	**0.11**
Vinyl chloride	0.002	**0.04 j**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0021**	**0.022**

Close File

COPY : BC, FILE REV. WMB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Massachusetts Certification # M-MA138
Rhode Island # 98 Maine # MA138
Florida # E87600 / 87562
New Hampshire # 2538
Connecticut # PH-0777
New York # 11393

ACCREDITED IN ACCORDANCE WITH

RMT, Inc
100 Verdae Blvd.
Greenville, SC 29607

Attn: Mark Meisfeldt

Thursday, November 08, 2001

Report Status:
- ☐ Final Report
- ☑ Re-issued Report
- ☐ Revised Report

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC74220	MW-4S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Cadmium
		Total Chromium
		Total Nickel
		Total Copper
		Total Zinc
		Metals Digestion
		Metals Matrix Spike
AC74221	MW-4I	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Cadmium
		Total Chromium
		Total Nickel
		Total Copper
		Total Zinc
		Metals Digestion
AC74222	MW-14S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Cadmium
		Total Chromium
		Total Nickel
		Total Copper

QC-LCH, 11/20/01 : COC, TEMP, METHOD, HT ✓
LEVEL 3 QC ✓
No data validation flags to be added.

ENVIRONMENTAL ANALYSES
11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC74222	MW-14S	Total Zinc
		Metals Digestion
AC74223	MW-14I	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Cadmium
		Total Chromium
		Total Nickel
		Total Copper
		Total Zinc
		Metals Digestion
AC74224	MW-3S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Cadmium
		Total Chromium
		Total Nickel
		Total Copper
		Total Zinc
		Metals Digestion
AC74225	MW-3I	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Cadmium
		Total Chromium
		Total Nickel
		Total Copper
		Total Zinc
		Metals Digestion
AC74226	MW-10S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Cadmium
		Total Chromium
		Total Nickel

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-0115 • 413-789-0018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC74226	MW-10S	Total Copper
		Total Zinc
		Metals Digestion
AC74227	MW-10I	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Cadmium
		Total Chromium
		Total Nickel
		Total Copper
		Total Zinc
		Metals Digestion
AC74220	MW-4S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Cadmium
		Total Chromium
		Total Nickel
		Total Copper
		Total Zinc
		Metals Digestion
		Metals Matrix Spike
AC74221	MW-4I	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Cadmium
		Total Chromium
		Total Nickel
		Total Copper
		Total Zinc
		Metals Digestion
AC74222	MW-14S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Cadmium

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC74222	MW-14S	Total Chromium
		Total Nickel
		Total Copper
		Total Zinc
		Metals Digestion
AC74223	MW-14I	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Cadmium
		Total Chromium
		Total Nickel
		Total Copper
		Total Zinc
		Metals Digestion
AC74224	MW-3S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Cadmium
		Total Chromium
		Total Nickel
		Total Copper
		Total Zinc
		Metals Digestion
AC74225	MW-3I	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Cadmium
		Total Chromium
		Total Nickel
		Total Copper
		Total Zinc
		Metals Digestion
AC74226	MW-10S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC74226	MW-10S	Total Cadmium
		Total Chromium
		Total Nickel
		Total Copper
		Total Zinc
		Metals Digestion
AC74227	MW-10I	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Cadmium
		Total Chromium
		Total Nickel
		Total Copper
		Total Zinc
		Metals Digestion

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC including any data obtained from a subcontract laboratory. Please note that all solid matrix sample results are calculated on a dry weight basis unless otherwise specified.

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Authorized by:

Hanibal G. Tayeh, Ph.D.
President/Laboratory Director

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: MTD - Westfield, MA
Client: RMT
Lab ID No: AC74220
Client Id: MW-4S

Client Project No: 998.62
Submittal Date: 10/2/01
Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	10/5/01	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Benzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	10/5/01	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	10/5/01	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1-Dichloroethene	35	ug/L	5.00	10/5/01	CH	SW846 8260B
cis-1,2-Dichloroethene	370	ug/L	5.00	10/5/01	CH	SW846 8260B
trans-1,2-Dichloroethene	6.8	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B

Close File

Lab ID No: AC74220
Client Id: MW-4S

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2,2-Dichloropropane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	10/5/01	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	10/5/01	CH	SW846 8260B
Methylene chloride	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Styrene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Toluene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Trichloroethene (TCE)	1,100	ug/L	5.00	10/5/01	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Vinyl chloride	77	ug/L	5.00	10/5/01	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	106	ug/L	0.000	10/5/01	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	104	ug/L	0.000	10/5/01	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	106	ug/L	0.000	10/5/01	CH	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/9/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74220
Client Id: MW-4S

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74220
Client Id: MW-4S

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Diethyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	57	ug/L	0.000	10/12/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	51	ug/L	0.000	10/12/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	48	ug/L	0.000	10/12/01	MSL	SW846 8270C
Phenol-d5 (%SR)	33	ug/L	0.000	10/12/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	73	ug/L	0.000	10/12/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	66	ug/L	0.000	10/12/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/13/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Nickel	0.465	mg/L	0.005	10/13/01	CR	EPA 200.7

Close File

Lab ID No: AC74220
Client Id: MW-4S

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Total Zinc	0.0131	mg/L	0.005	10/13/01	CR	EPA 200.7

Close File

Lab ID No: AC74221
Client Id: MW-4I

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	10/5/01	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Benzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	10/5/01	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	10/5/01	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
1,1-Dichloroethane	8.4	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1-Dichloroethene	19	ug/L	5.00	10/5/01	CH	SW846 8260B
cis-1,2-Dichloroethene	55	ug/L	5.00	10/5/01	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B

Close File

Lab ID No: AC74221
Client Id: MW-4I

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	10/5/01	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	10/5/01	CH	SW846 8260B
Methylene chloride	Below det lim	ug/L	20.0	10/5/01	CH	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Styrene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Toluene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Trichloroethene (TCE)	4,600	ug/L	5.00	10/5/01	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Vinyl chloride	21	ug/L	5.00	10/5/01	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L	0.000	10/5/01	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	104	ug/L	0.000	10/5/01	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	101	ug/L	0.000	10/5/01	CH	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/9/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74221
Client Id: MW-4I

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74221
Client Id: MW-4I

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-butylphthalate	5.1	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	61	ug/L	0.000	10/12/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	51	ug/L	0.000	10/12/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	56	ug/L	0.000	10/12/01	MSL	SW846 8270C
Phenol-d5 (%SR)	40	ug/L	0.000	10/12/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	81	ug/L	0.000	10/12/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	70	ug/L	0.000	10/12/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/13/01	CR	EPA 200.7
Total Chromium	0.0093	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Copper	0.0076	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Nickel	0.0102	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Zinc	0.0339	mg/L	0.005	10/13/01	CR	EPA 200.7

Close File

Lab ID No: AC74222
Client Id: MW-14S

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	10/5/01	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Benzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	10/5/01	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	10/5/01	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
cis-1,2-Dichloroethene	87	ug/L	5.00	10/5/01	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B

Close File

Lab ID No: AC74222
Client Id: MW-14S

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	10/5/01	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	10/5/01	CH	SW846 8260B
Methylene chloride	Below det lim	ug/L	15.0	10/5/01	CH	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Styrene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Tetrachloroethene (PCE)	9.0	ug/L	5.00	10/5/01	CH	SW846 8260B
Toluene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Trichloroethene (TCE)	570	ug/L	5.00	10/5/01	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
Vinyl chloride	41	ug/L	5.00	10/5/01	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	10/5/01	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L	0.000	10/5/01	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L	0.000	10/5/01	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	104	ug/L	0.000	10/5/01	CH	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/9/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74222
Client Id: MW-14S

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74222
Client Id: MW-14S

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	67	ug/L	0.000	10/12/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	61	ug/L	0.000	10/12/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	56	ug/L	0.000	10/12/01	MSL	SW846 8270C
Phenol-d5 (%SR)	43	ug/L	0.000	10/12/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	77	ug/L	0.000	10/12/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	58	ug/L	0.000	10/12/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	0.0081	mg/L	0.0025	10/13/01	CR	EPA 200.7
Total Chromium	0.0179	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Copper	0.0077	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Nickel	1.38	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Zinc	0.0506	mg/L	0.005	10/13/01	CR	EPA 200.7

Close File

Lab ID No: AC74223
Client Id: MW-14I

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/5/01	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/5/01	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1-Dichloroethene	1.7	ug/L	1.0	10/5/01	CH	SW846 8260B
cis-1,2-Dichloroethene	100	ug/L	1.0	10/5/01	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B

Close File

Lab ID No: AC74223
Client Id: MW-141

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Methylene chloride	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Tetrachloroethene (PCE)	16	ug/L	1.0	10/5/01	CH	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,1-Trichloroethane	3.9	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Trichloroethene (TCE)	610	ug/L	1.0	10/5/01	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Vinyl chloride	22	ug/L	1.0	10/5/01	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L		10/5/01	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	104	ug/L		10/5/01	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	103	ug/L		10/5/01	CH	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/9/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74223
Client Id: MW-14I

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74223
Client Id: MW-14I

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	57	ug/L	0.000	10/12/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	51	ug/L	0.000	10/12/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	48	ug/L	0.000	10/12/01	MSL	SW846 8270C
Phenol-d5 (%SR)	33	ug/L	0.000	10/12/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	68	ug/L	0.000	10/12/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	64	ug/L	0.000	10/12/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	0.0119	mg/L	0.0025	10/13/01	CR	EPA 200.7
Total Chromium	0.0200	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Copper	0.0163	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Nickel	1.99	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Zinc	0.0782	mg/L	0.005	10/13/01	CR	EPA 200.7

Close File

Lab ID No: AC74224
Client Id: MW-3S

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/5/01	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/5/01	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1-Dichloroethene	5.2	ug/L	1.0	10/5/01	CH	SW846 8260B
cis-1,2-Dichloroethene	71	ug/L	1.0	10/5/01	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B

Close File

Lab ID No: AC74224 **Collection Date:** 10/2/01
Client Id: MW-3S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Methylene chloride	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Trichloroethene (TCE)	160	ug/L	1.0	10/5/01	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Vinyl chloride	9.7	ug/L	1.0	10/5/01	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		10/5/01	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	104	ug/L		10/5/01	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	103	ug/L		10/5/01	CH	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/9/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74224
Client Id: MW-3S

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74224
Client Id: MW-3S

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	63	ug/L	0.000	10/12/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	54	ug/L	0.000	10/12/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	54	ug/L	0.000	10/12/01	MSL	SW846 8270C
Phenol-d5 (%SR)	36	ug/L	0.000	10/12/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	72	ug/L	0.000	10/12/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	76	ug/L	0.000	10/12/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/13/01	CR	EPA 200.7
Total Chromium	0.413	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Nickel	1.25	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Zinc	0.0281	mg/L	0.005	10/13/01	CR	EPA 200.7

Close File

Lab ID No: AC74225
Client Id: MW-3I

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/5/01	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
sec-Butylbenzene	1.2	ug/L	1.0	10/5/01	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/5/01	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1-Dichloroethene	7.8	ug/L	1.0	10/5/01	CH	SW846 8260B
cis-1,2-Dichloroethene	77	ug/L	1.0	10/5/01	CH	SW846 8260B
trans-1,2-Dichloroethene	1.3	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B

Close File

Lab ID No: AC74225
Client Id: MW-3I

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Methylene chloride	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Trichloroethene (TCE)	280	ug/L	1.0	10/5/01	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Vinyl chloride	34	ug/L	1.0	10/5/01	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		10/5/01	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	104	ug/L		10/5/01	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	104	ug/L		10/5/01	CH	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/9/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74225
Client Id: MW-3I

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74225
Client Id: MW-3I

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	61	ug/L	0.000	10/12/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	58	ug/L	0.000	10/12/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	52	ug/L	0.000	10/12/01	MSL	SW846 8270C
Phenol-d5 (%SR)	39	ug/L	0.000	10/12/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	72	ug/L	0.000	10/12/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	71	ug/L	0.000	10/12/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/13/01	CR	EPA 200.7
Total Chromium	0.701	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Nickel	0.908	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Zinc	0.0374	mg/L	0.005	10/13/01	CR	EPA 200.7

Close File

Lab ID No: AC74226
Client Id: MW-10S

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/5/01	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/5/01	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1-Dichloroethene	3.9	ug/L	1.0	10/5/01	CH	SW846 8260B
cis-1,2-Dichloroethene	46	ug/L	1.0	10/5/01	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B

Close File

Lab ID No: AC74226
Client Id: MW-10S

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Methylene chloride	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Trichloroethene (TCE)	130	ug/L	1.0	10/5/01	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Vinyl chloride	6.1	ug/L	1.0	10/5/01	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	101	ug/L		10/5/01	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	105	ug/L		10/5/01	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	106	ug/L		10/5/01	CH	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/9/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74226
Client Id: MW-10S

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74226
Client Id: MW-10S

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	63	ug/L	0.000	10/12/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	58	ug/L	0.000	10/12/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	54	ug/L	0.000	10/12/01	MSL	SW846 8270C
Phenol-d5 (%SR)	40	ug/L	0.000	10/12/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	77	ug/L	0.000	10/12/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	56	ug/L	0.000	10/12/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	0.0080	mg/L	0.0025	10/13/01	CR	EPA 200.7
Total Chromium	1.05	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Nickel	4.04	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Zinc	0.0852	mg/L	0.005	10/13/01	CR	EPA 200.7

Close File

Lab ID No: AC74227
Client Id: MW-10I

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/5/01	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/5/01	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
cis-1,2-Dichloroethene	9.4	ug/L	1.0	10/5/01	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B

Close File

Lab ID No: AC74227 **Collection Date:** 10/2/01
Client Id: MW-10I **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/5/01	CH	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Trichloroethene (TCE)	26	ug/L	1.0	10/5/01	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
Vinyl chloride	1.3	ug/L	1.0	10/5/01	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/5/01	CH	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/5/01	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		10/5/01	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	104	ug/L		10/5/01	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	104	ug/L		10/5/01	CH	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/9/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74227
Client Id: MW-10I

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C

Close File

Lab ID No: AC74227
Client Id: MW-10I

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/12/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	62	ug/L	0.000	10/12/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	53	ug/L	0.000	10/12/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	53	ug/L	0.000	10/12/01	MSL	SW846 8270C
Phenol-d5 (%SR)	35	ug/L	0.000	10/12/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	78	ug/L	0.000	10/12/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	66	ug/L	0.000	10/12/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	0.0049	mg/L	0.0025	10/13/01	CR	EPA 200.7
Total Chromium	0.999	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Copper	0.0068	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Nickel	3.78	mg/L	0.005	10/13/01	CR	EPA 200.7
Total Zinc	0.0445	mg/L	0.005	10/13/01	CR	EPA 200.7

Close File

Lab ID No: AC74227
Client Id: MW-10I

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method

Reviewed by:

Quality Service/Quality Assurance Depts.

Validated by:

President/Laboratory Director

11/8/01

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report Supplement
References

SW 846	Test Methods for Evaluating Solid Waste. Third edition, 1998
40 CFR 136	Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act
40 CFR 141	National Primary Drinking Water Regulations
40 CFR 143	National Secondary Drinking Water Regulations
40 CFR 160	Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Good Laboratory Practice Standards
APHA-AWWA-WPCF	Standard Methods for the Examination of Water and Wastewater. 19th edition, 1995
ASTM D 3328	Standard Methods for the Comparison of Waterborne Petroleum Oils by Gas Chromatography
EPA 540/G-87/003	Data Quality Objectives for Remediation Response Activities, Development Process
EPA 600/4-79-012	Quality Assurance Handbook for Analytical Quality Control in Water and Wastewater Laboratories
EPA 600/4-79-019	Handbook for Analytical Quality Control in Water and Wastewater Laboratories
EPA 600/4-79-020	Method for the Chemical Analysis of Water and Wastes
EPA 600/4-82-057	Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater
EPA 600/4-85/056	Choosing Cost-Effective QA/QC Programs for Chemical Analysis
EPA 600/4-88/039	Method for the Determination of Organic Compounds in Drinking Water
CT ETPH	Analysis of Extractable Total Petroleum Hydrocarbons (ETPH)
MADEP EPH	Method for the Determination of Extractable Petroleum Hydrocarbons (EPH)
MADEP VPH	Method for the Determination of Volatile Petroleum Hydrocarbons (VPH)
QAMS 004/80	Guidelines and Specifications for Preparing Quality Assurance Program Plans, USEPA Office of Monitoring System and Quality Assurance
GC-D-52-77	Oil Spill Identification System

Acronyms & Abbreviations

AA	Atomic Absorption	MS	Matrix Spike
ASTM	American Society for Testing and Materials	MSD	Matrix Spike Duplicate
BOD	Biological Oxygen Demand	NTU	Nephelometric Turbidity Units
°C	degree(s) Celsius	PAHs	Polynuclear Aromatic Hydrocarbons
COD	Chemical Oxygen Demand	PCBs	Polychlorinated Biphenyls
CMR	Code of Massachusetts Regulations	PID	Photo Ionization Detector
DEP	Department of Environmental Protection	PQL	Practical Quantitation Limit
DI	De-ionized	R	Recovery (%R: Percent Recovery)
DO	Dissolved Oxygen	RSD	Relative Standard Deviation
EPA	Environmental Protection Agency	SM	Standard Method
EPH	Extractable Petroleum Hydrocarbons	SR	Surrogate Recovery (%SR)
FID	Flame Ionization Detector	SW	Solid Waste
GC	Gas Chromatograph	THM	Trihalomethane(s)
GC / MS	Gas Chromatograph / Mass Spectrometer	TOC	Total Organic Carbon
ICP	Inductively Coupled Plasma	TOX	Total Organic Halogen
Id	Identification	TPH	Total Petroleum Hydrocarbons
MCL	Maximum Contaminant Level	VOC	Volatile Organic Compound
MDL	Minimum Detection Limit	VPH	Volatile Petroleum Hydrocarbons

Close File

COPY: BC, FILE REF. WMB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Massachusetts Certification # M-MA138
Rhode Island # 98 Maine # MA138
Florida # E87600 / 87562
New Hampshire # 2538
Connecticut # PH-0777
New York # 11393

ACCREDITED IN ACCORDANCE WITH

RMT, Inc
100 Verdae Blvd.
Greenville, SC 29607

Attn: Mark Meisfeldt

Thursday, November 08, 2001

Report Status:
- ☐ Final Report
- ☑ Re-issued Report
- ☐ Revised Report

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC75001	MW-16S	Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Chromium
		Total Copper
		Total Cadmium
		Total Nickel
		Total Zinc
		Metals Digestion
		VOCs by GC/MS
AC75002	MW-17S	Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Chromium
		Total Copper
		Total Cadmium
		Total Nickel
		Total Zinc
		Metals Digestion
		VOCs by GC/MS
AC75003	MW-19S	Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Chromium
		Total Copper
		Total Cadmium
		Total Nickel
		Total Zinc
		Metals Digestion

QC - LCH, 11/20/01: COC - PRES?, TEMP., HT, METHOD ✓
LEVEL 3 QC ✓

No data validation flags to be added.

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC75003	MW-19S	VOCs by GC/MS
AC75004	MW-27S	Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Chromium
		Total Copper
		Total Cadmium
		Total Nickel
		Total Zinc
		Metals Digestion
AC75005	MW-50I	Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Chromium
		Total Copper
		Total Cadmium
		Total Nickel
		Total Zinc
		Metals Digestion
		VOCs by GC/MS

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC including any data obtained from a subcontract laboratory. Please note that all solid matrix sample results are calculated on a dry weight basis unless otherwise specified.

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Authorized by:

Hanibal G. Tayeh, Ph.D.
President/Laboratory Director

Close File

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: MTD - Westfield, MA
Client: RMT
Lab ID No: AC75001
Client Id: MW-16S

Client Project No: 998.62
Submittal Date: 10/4/01
Collection Date: 10/4/01
Matrix: Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/15/01	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/15/01	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/15/01	KW	SW846 8260B
n-Butylbenzene	3.4	ug/L	1.0	10/15/01	KW	SW846 8260B
sec-Butylbenzene	3.6	ug/L	1.0	10/15/01	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/15/01	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/15/01	KW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/15/01	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/15/01	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/15/01	KW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B

Close File

Lab ID No: AC75001 **Collection Date:** 10/4/01
Client Id: MW-16S **Matrix:** Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/15/01	KW	SW846 8260B
Isopropylbenzene	1.5	ug/L	1.0	10/15/01	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/15/01	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
n-Propylbenzene	1.9	ug/L	1.0	10/15/01	KW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/15/01	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		10/15/01	KW	SW846 8260B
1,4-Difluorobenzene (%SR)	104	ug/L		10/15/01	KW	SW846 8260B
Chlorobenzene-d5 (%SR)	101	ug/L		10/15/01	KW	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/11/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C

Close File

Lab ID No: AC75001 **Collection Date:** 10/4/01
Client Id: MW-16S **Matrix:** Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C

Close File

Lab ID No: AC75001 **Collection Date:** 10/4/01
Client Id: MW-16S **Matrix:** Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Diethyl phthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	58	ug/L	0.000	10/16/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	59	ug/L	0.000	10/16/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	50	ug/L	0.000	10/16/01	MSL	SW846 8270C
Phenol-d5 (%SR)	42	ug/L	0.000	10/16/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	78	ug/L	0.000	10/16/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	75	ug/L	0.000	10/16/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/18/01	JM	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/19/01	RE	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/19/01	RE	EPA 200.7
Total Copper	0.0051	mg/L	0.005	10/19/01	RE	EPA 200.7
Total Nickel	20.3	mg/L	0.005	10/19/01	RE	EPA 200.7

Close File

Lab ID No: AC75001
Client Id: MW-16S

Collection Date: 10/4/01
Matrix: Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Total Zinc	Below det lim	mg/L	0.015	10/19/01	RE	EPA 200.7

Close File

Lab ID No: AC75002
Client Id: MW-17S

Collection Date: 10/4/01
Matrix: Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/15/01	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/15/01	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/15/01	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/15/01	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/15/01	KW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/15/01	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/15/01	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/15/01	KW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
cis-1,2-Dichloroethene	3.0	ug/L	1.0	10/15/01	KW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B

Close File

Lab ID No: AC75002 **Collection Date:** 10/4/01
Client Id: MW-17S **Matrix:** Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/15/01	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/15/01	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Trichloroethene (TCE)	6.7	ug/L	1.0	10/15/01	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/15/01	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/15/01	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		10/15/01	KW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L		10/15/01	KW	SW846 8260B
Chlorobenzene-d5 (%SR)	101	ug/L		10/15/01	KW	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/11/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C

Close File

Lab ID No: AC75002 **Collection Date:** 10/4/01
Client Id: MW-17S **Matrix:** Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C

Close File

Lab ID No: AC75002 **Collection Date:** 10/4/01
Client Id: MW-17S **Matrix:** Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	17	ug/L	5.00	10/16/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	68	ug/L	0.000	10/16/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	65	ug/L	0.000	10/16/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	61	ug/L	0.000	10/16/01	MSL	SW846 8270C
Phenol-d5 (%SR)	46	ug/L	0.000	10/16/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	74	ug/L	0.000	10/16/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	73	ug/L	0.000	10/16/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/18/01	JM	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/19/01	RE	EPA 200.7
Total Chromium	0.0482	mg/L	0.005	10/19/01	RE	EPA 200.7
Total Copper	0.0434	mg/L	0.005	10/19/01	RE	EPA 200.7
Total Nickel	0.962	mg/L	0.005	10/19/01	RE	EPA 200.7
Total Zinc	Below det lim	mg/L	0.006	10/19/01	RE	EPA 200.7

Close File

Lab ID No: AC75003 **Collection Date:** 10/4/01
Client Id: MW-19S **Matrix:** Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/15/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Benzene	1.6	ug/L	1.0	10/15/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/15/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/15/01	DG	SW846 8260B
n-Butylbenzene	12	ug/L	1.0	10/15/01	DG	SW846 8260B
sec-Butylbenzene	8.7	ug/L	1.0	10/15/01	DG	SW846 8260B
tert-Butylbenzene	2.5	ug/L	1.0	10/15/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/15/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/15/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/15/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/15/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/15/01	DG	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
cis-1,2-Dichloroethene	3.1	ug/L	1.0	10/15/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Ethylbenzene	18	ug/L	1.0	10/15/01	DG	SW846 8260B

Close File

Lab ID No: AC75003 **Collection Date:** 10/4/01
Client Id: MW-19S **Matrix:** Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/15/01	DG	SW846 8260B
Isopropylbenzene	27	ug/L	1.0	10/15/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/15/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	2.0	10/15/01	DG	SW846 8260B
Naphthalene	140	ug/L	1.0	10/15/01	DG	SW846 8260B
n-Propylbenzene	52	ug/L	1.0	10/15/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	1.8	ug/L	1.0	10/15/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
Vinyl chloride	3.8	ug/L	1.0	10/15/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/15/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/15/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/L		10/15/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		10/15/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	97	ug/L		10/15/01	DG	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/11/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C

Close File

Lab ID No: AC75003 **Collection Date:** 10/4/01
Client Id: MW-19S **Matrix:** Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Naphthalene	66	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Methylnaphthalene	6.1	ug/L	5.00	10/16/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Acenaphthene	9.7	ug/L	5.00	10/16/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Dibenzofuran	8.7	ug/L	5.00	10/16/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Fluorene	12	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C

Close File

Lab ID No: AC75003
Client Id: MW-19S

Collection Date: 10/4/01
Matrix: Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Phenanthrene	8.9	ug/L	5.00	10/16/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/16/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	61	ug/L	0.000	10/16/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	68	ug/L	0.000	10/16/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	56	ug/L	0.000	10/16/01	MSL	SW846 8270C
Phenol-d5 (%SR)	48	ug/L	0.000	10/16/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	72	ug/L	0.000	10/16/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	43	ug/L	0.000	10/16/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/18/01	JM	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/19/01	RE	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/19/01	RE	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/19/01	RE	EPA 200.7
Total Nickel	0.119	mg/L	0.005	10/19/01	RE	EPA 200.7
Total Zinc	Below det lim	mg/L	0.005	10/19/01	RE	EPA 200.7

Close File

Lab ID No: AC75004 **Collection Date:** 10/4/01
Client Id: MW-27S **Matrix:** Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/11/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C

Close File

Lab ID No: AC75004 **Collection Date:** 10/4/01
Client Id: MW-27S **Matrix:** Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Acenaphthene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Phenanthrene	5.5	ug/L	5.00	10/17/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	69	ug/L	0.000	10/17/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	60	ug/L	0.000	10/17/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	65	ug/L	0.000	10/17/01	MSL	SW846 8270C
Phenol-d5 (%SR)	63	ug/L	0.000	10/17/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	75	ug/L	0.000	10/17/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	56	ug/L	0.000	10/17/01	MSL	SW846 8270C

Metals Preparation

Close File

Lab ID No: AC75004
Client Id: MW-27S

Collection Date: 10/4/01
Matrix: Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Metals Digestion	Completed			10/18/01	JM	EPA 200.7
Metals Analysis						
Total Cadmium	0.0117	mg/L	0.0025	10/19/01	RE	EPA 200.7
Total Chromium	11.7	mg/L	0.005	10/19/01	RE	EPA 200.7
Total Copper	1.70	mg/L	0.005	10/19/01	RE	EPA 200.7
Total Nickel	227	mg/L	0.005	10/19/01	RE	EPA 200.7
Total Zinc	2.40	mg/L	0.005	10/19/01	RE	EPA 200.7

Close File

Lab ID No: AC75005 **Collection Date:** 10/4/01
Client Id: MW-50I **Matrix:** Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	10/15/01	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Benzene	7.1	ug/L	5.00	10/15/01	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	10/15/01	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	10/15/01	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	10/15/01	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	10/15/01	KW	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	10/15/01	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	10/15/01	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	10/15/01	KW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,1-Dichloroethene	6.7	ug/L	5.00	10/15/01	KW	SW846 8260B
cis-1,2-Dichloroethene	250	ug/L	5.00	10/15/01	KW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B

Close File

Lab ID No: AC75005 **Collection Date:** 10/4/01
Client Id: MW-50I **Matrix:** Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	10/15/01	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	10/15/01	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Styrene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Toluene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Trichloroethene (TCE)	590	ug/L	5.00	10/15/01	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
Vinyl chloride	54	ug/L	5.00	10/15/01	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	10/15/01	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	10/15/01	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	104	ug/L	0.000	10/15/01	KW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L	0.000	10/15/01	KW	SW846 8260B
Chlorobenzene-d5 (%SR)	105	ug/L	0.000	10/15/01	KW	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/11/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C

Close File

Lab ID No: AC75005 **Collection Date:** 10/4/01
Client Id: MW-50I **Matrix:** Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C

Close File

Lab ID No: AC75005 **Collection Date:** 10/4/01
Client Id: MW-50I **Matrix:** Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/17/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	77	ug/L	0.000	10/17/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	68	ug/L	0.000	10/17/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	70	ug/L	0.000	10/17/01	MSL	SW846 8270C
Phenol-d5 (%SR)	69	ug/L	0.000	10/17/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	81	ug/L	0.000	10/17/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	64	ug/L	0.000	10/17/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/18/01	JM	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/19/01	RE	EPA 200.7
Total Chromium	0.0258	mg/L	0.005	10/19/01	RE	EPA 200.7
Total Copper	0.0719	mg/L	0.005	10/19/01	RE	EPA 200.7
Total Nickel	0.101	mg/L	0.005	10/19/01	RE	EPA 200.7
Total Zinc	0.104	mg/L	0.005	10/19/01	RE	EPA 200.7

Close File

Lab ID No: AC75005
Client Id: MW-50I

Collection Date: 10/4/01
Matrix: Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method

Reviewed by:

Quality Service/Quality Assurance Depts.

Validated by:

President/Laboratory Director

11/8/01

Close File

COPY: BC, FILE RET. WMB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Massachusetts Certification # M-MA138
Rhode Island # 98 Maine # MA138
Florida # E87600 / 87562
New Hampshire # 2538
Connecticut # PH-0777
New York # 11393

ACCREDITED IN ACCORDANCE WITH

RMT, Inc
100 Verdae Blvd.
Greenville, SC 29607

Attn: Mark Meisfeldt

Tuesday, October 02, 2001

Report Status:
- ☑ Final Report
- ☐ Re-issued Report
- ☐ Revised Report

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC73668	DP-01	VOCs by GC/MS
AC73669	DP-02	VOCs by GC/MS
AC73670	DP-03	VOCs by GC/MS
AC73671	DP-04I	VOCs by GC/MS

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC including any data obtained from a subcontract laboratory. Please note that all solid matrix sample results are calculated on a dry weight basis unless otherwise specified.

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

QC-LCH, 11/20/01: COC, HT, METHOD ✓
Temp. is acceptable due to short duration on ice in transit to lab. Not enough time to be chilled.

LEVEL 3 QC ✓

No data validation flags to be added.

ENVIRONMENTAL ANALYSES

11 Alpaca Drive • Agawam, Massachusetts 01001 • 1-800-789-0115 • 413-789-0018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: MTD - Westfield, MA
Client: RMT
Lab ID No: AC73668
Client Id: DP-01

Client Project No: 998.62
Submittal Date: 10/1/01
Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	270	10/2/01	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Benzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	10/2/01	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
cis-1,2-Dichloroethene	120	ug/L	5.00	10/2/01	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B

Close File

Lab ID No: AC73668
Client Id: DP-01

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	10/2/01	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	10/2/01	CH	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Styrene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Toluene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Trichloroethene (TCE)	470	ug/L	5.00	10/2/01	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Vinyl chloride	41	ug/L	5.00	10/2/01	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	99	ug/L	0.000	10/2/01	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L	0.000	10/2/01	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L	0.000	10/2/01	CH	SW846 8260B

Close File

Lab ID No: AC73669
Client Id: DP-02

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	200	10/2/01	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Benzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	10/2/01	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
cis-1,2-Dichloroethene	220	ug/L	5.00	10/2/01	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B

Close File

Lab ID No: AC73669
Client Id: DP-02

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	10/2/01	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	10/2/01	CH	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Styrene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Tetrachloroethene (PCE)	72	ug/L	5.00	10/2/01	CH	SW846 8260B
Toluene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Trichloroethene (TCE)	700	ug/L	5.00	10/2/01	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Vinyl chloride	100	ug/L	5.00	10/2/01	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	99	ug/L	0.000	10/2/01	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L	0.000	10/2/01	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	97	ug/L	0.000	10/2/01	CH	SW846 8260B

Close File

Lab ID No: AC73670
Client Id: DP-03

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	200	10/2/01	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Benzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	10/2/01	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
1,1-Dichloroethane	18	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
cis-1,2-Dichloroethene	210	ug/L	5.00	10/2/01	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B

Close File

Lab ID No: AC73670
Client Id: DP-03

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	10/2/01	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	10/2/01	CH	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Styrene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Tetrachloroethene (PCE)	72	ug/L	5.00	10/2/01	CH	SW846 8260B
Toluene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Trichloroethene (TCE)	470	ug/L	5.00	10/2/01	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
Vinyl chloride	370	ug/L	5.00	10/2/01	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	10/2/01	CH	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	10/2/01	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L	0.000	10/2/01	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L	0.000	10/2/01	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L	0.000	10/2/01	CH	SW846 8260B

Close File

Lab ID No: AC73671
Client Id: DP-04I

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	1200	10/2/01	CH	SW846 8260B
Acrylonitrile	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Benzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Bromobenzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Bromochloromethane	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Bromoform	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Bromomethane	Below det lim	ug/L	50.0	10/2/01	CH	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	250	10/2/01	CH	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Carbon disulfide	Below det lim	ug/L	125	10/2/01	CH	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Chlorobenzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Chloroethane	Below det lim	ug/L	50.0	10/2/01	CH	SW846 8260B
Chloroform	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Chloromethane	Below det lim	ug/L	50.0	10/2/01	CH	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	50.0	10/2/01	CH	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Dibromomethane	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	50.0	10/2/01	CH	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
cis-1,2-Dichloroethene	650	ug/L	25.0	10/2/01	CH	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Ethylbenzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B

Close File

Lab ID No: AC73671
Client Id: DP-04I

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	250	10/2/01	CH	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	250	10/2/01	CH	SW846 8260B
Methylene chloride	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Naphthalene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Styrene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Tetrachloroethene (PCE)	410	ug/L	25.0	10/2/01	CH	SW846 8260B
Toluene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,1,1-Trichloroethane	54	ug/L	25.0	10/2/01	CH	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Trichloroethene (TCE)	7,600	ug/L	25.0	10/2/01	CH	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
Vinyl chloride	360	ug/L	25.0	10/2/01	CH	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	50.0	10/2/01	CH	SW846 8260B
o-Xylene	Below det lim	ug/L	25.0	10/2/01	CH	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L	0.000	10/2/01	CH	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L	0.000	10/2/01	CH	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L	0.000	10/2/01	CH	SW846 8260B

Reviewed by:

Quality Service/Quality Assurance Depts.

Validated by:

President/Laboratory Director

10/2/01

Close File

COPY: BC, FILE RET. WMB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Massachusetts Certification # M-MA138
Rhode Island # 98 Maine # MA138
Florida # E87600 / 87562
New Hampshire # 2538
Connecticut # PH-0777
New York # 11393

ACCREDITED IN ACCORDANCE WITH

RMT, Inc
100 Verdae Blvd.
Greenville, SC 29607

Attn: Mark Meisfeldt

Thursday, November 08, 2001

Report Status:
- ☐ Final Report
- ☑ Re-issued Report
- ☐ Revised Report

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC74414	MW-35I	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Cadmium
		Total Nickel
		Total Chromium
		Total Zinc
		Metals Digestion
AC74415	MW-35S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Cadmium
		Total Nickel
		Total Chromium
		Total Zinc
		Metals Digestion
		Metals Matrix Spike
AC74416	MW-28S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Cadmium
		Total Nickel
		Total Chromium

QC - LCH, 11/20/01: COC - PRES?, HT, METHOD ✓
Temp. is acceptable due to short duration on ice in transit to lab. Not enough time to be chilled.
LEVEL 3 QC ✓

DUP-03 = MW-26I ✓
No data validation flags.

ENVIRONMENTAL ANALYSES
11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC74416	MW-28S	Total Zinc
		Metals Digestion
AC74417	MW-25S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Cadmium
		Total Nickel
		Total Chromium
		Total Zinc
		Metals Digestion
AC74418	MW-26I	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Cadmium
		Total Nickel
		Total Chromium
		Total Zinc
		Metals Digestion
AC74419	MW-22S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Cadmium
		Total Nickel
		Total Chromium
		Total Zinc
		Metals Digestion
AC74420	MW-48S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Cadmium
		Total Nickel

ENVIRONMENTAL ANALYSES

11 Almgren Drive Agawam, Massachusetts 01001 1-800-789-9115 413-789-9018 Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC74420	MW-48S	Total Chromium
		Total Zinc
		Metals Digestion
AC74421	MW-38S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Cadmium
		Total Nickel
		Total Chromium
		Total Zinc
		Metals Digestion
AC74422	MW-4D	VOCs by GC/MS
		Total Copper
		Total Cadmium
		Total Nickel
		Total Chromium
		Total Zinc
		Metals Digestion
AC74423	Dup-03	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Cadmium
		Total Nickel
		Total Chromium
		Total Zinc
		Metals Digestion
AC74424	MW-39S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Cadmium
		Total Nickel
		Total Chromium

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC74424	MW-39S	Total Zinc Metals Digestion

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC including any data obtained from a subcontract laboratory. Please note that all solid matrix sample results are calculated on a dry weight basis unless otherwise specified.

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

ENVIRONMENTAL ANALYSES

11 Almgren Drive - Agawam, Massachusetts 01001 - 1-800-789-9115 - 413-789-9018 - Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: MTD - Westfield, MA
Client: RMT
Lab ID No: AC74414
Client Id: MW-35I

Client Project No: 998.62
Submittal Date: 10/3/01
Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/12/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Benzene	2.1	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/12/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,2-Dichloroethene	37	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B

Close File

Lab ID No: AC74414
Client Id: MW-35I

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Tetrachloroethene (PCE)	4.1	ug/L	1.0	10/12/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichloroethene (TCE)	69	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Vinyl chloride	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	82	ug/L		10/12/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	98	ug/L		10/12/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	86	ug/L		10/12/01	DG	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/10/01	MB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74414
Client Id: MW-35I

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74414
Client Id: MW-35I

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Diethyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/15/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	73	ug/L	0.000	10/15/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	58	ug/L	0.000	10/15/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	60	ug/L	0.000	10/15/01	MSL	SW846 8270C
Phenol-d5 (%SR)	59	ug/L	0.000	10/15/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	74	ug/L	0.000	10/15/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	67	ug/L	0.000	10/15/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/15/01	CR	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/17/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Nickel	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7

Close File

Lab ID No: AC74414
Client Id: MW-35I

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Total Zinc	Below det lim	mg/L	0.05	10/17/01	CR	EPA 200.7

Close File

Lab ID No: AC74415
Client Id: MW-35S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/12/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/12/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B

Close File

Lab ID No: AC74415 **Collection Date:** 10/3/01
Client Id: MW-35S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.0	10/12/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	90	ug/L		10/12/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	105	ug/L		10/12/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	94	ug/L		10/12/01	DG	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/10/01	MB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74415
Client Id: MW-35S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74415
Client Id: MW-35S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/15/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	80	ug/L	0.000	10/15/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	64	ug/L	0.000	10/15/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	65	ug/L	0.000	10/15/01	MSL	SW846 8270C
Phenol-d5 (%SR)	64	ug/L	0.000	10/15/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	86	ug/L	0.000	10/15/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	76	ug/L	0.000	10/15/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/15/01	CR	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/17/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Nickel	0.2177	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Zinc	0.0462	mg/L	0.005	10/17/01	CR	EPA 200.7

Close File

Lab ID No: AC74416
Client Id: MW-28S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/12/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/12/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B

Close File

Lab ID No: AC74416 **Collection Date:** 10/3/01
Client Id: MW-28S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.0	10/12/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	82	ug/L		10/12/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	97	ug/L		10/12/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	85	ug/L		10/12/01	DG	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/10/01	MB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74416
Client Id: MW-28S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74416 **Collection Date:** 10/3/01
Client Id: MW-28S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/15/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	81	ug/L	0.000	10/15/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	67	ug/L	0.000	10/15/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	69	ug/L	0.000	10/15/01	MSL	SW846 8270C
Phenol-d5 (%SR)	67	ug/L	0.000	10/15/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	84	ug/L	0.000	10/15/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	72	ug/L	0.000	10/15/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/15/01	CR	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/17/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Nickel	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Zinc	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7

Close File

Lab ID No: AC74417 **Collection Date:** 10/3/01
Client Id: MW-25S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/12/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/12/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B

Close File

Lab ID No: AC74417
Client Id: MW-25S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	7.0	10/12/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	84	ug/L		10/12/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	98	ug/L		10/12/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	87	ug/L		10/12/01	DG	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/10/01	MB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74417
Client Id: MW-25S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74417
Client Id: MW-25S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/15/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	74	ug/L	0.000	10/15/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	62	ug/L	0.000	10/15/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	63	ug/L	0.000	10/15/01	MSL	SW846 8270C
Phenol-d5 (%SR)	62	ug/L	0.000	10/15/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	79	ug/L	0.000	10/15/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	70	ug/L	0.000	10/15/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/15/01	CR	EPA 200.7
Metals Analysis						
Total Cadmium	0.0026	mg/L	0.0025	10/17/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Nickel	0.0117	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Zinc	0.2074	mg/L	0.005	10/17/01	CR	EPA 200.7

Close File

Lab ID No: AC74418
Client Id: MW-26I

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	50.0	10/12/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	5.00	10/12/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	25.0	10/12/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	12.5	10/12/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	5.00	10/12/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	5.00	10/12/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	5.00	10/12/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	5.00	10/12/01	DG	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
cis-1,2-Dichloroethene	81	ug/L	2.50	10/12/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B

Close File

Lab ID No: AC74418 **Collection Date:** 10/3/01
Client Id: MW-26I **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	25.0	10/12/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	25.0	10/12/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	30.0	10/12/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Tetrachloroethene (PCE)	23	ug/L	2.50	10/12/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Trichloroethene (TCE)	180	ug/L	2.50	10/12/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Vinyl chloride	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	5.00	10/12/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	88	ug/L	0.000	10/12/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	105	ug/L	0.000	10/12/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	92	ug/L	0.000	10/12/01	DG	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/10/01	MB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74418
Client Id: MW-26I

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74418
Client Id: MW-26I

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/15/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	78	ug/L	0.000	10/15/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	63	ug/L	0.000	10/15/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	67	ug/L	0.000	10/15/01	MSL	SW846 8270C
Phenol-d5 (%SR)	63	ug/L	0.000	10/15/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	82	ug/L	0.000	10/15/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	66	ug/L	0.000	10/15/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/15/01	CR	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/17/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Nickel	2.79	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Zinc	0.0459	mg/L	0.005	10/17/01	CR	EPA 200.7

Close File

Lab ID No: AC74419
Client Id: MW-22S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/12/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/12/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,2-Dichloroethene	27	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B

Close File

Lab ID No: AC74419
Client Id: MW-22S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.0	10/12/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Tetrachloroethene (PCE)	18	ug/L	1.0	10/12/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichloroethene (TCE)	49	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	84	ug/L		10/12/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		10/12/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	89	ug/L		10/12/01	DG	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/10/01	MB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74419
Client Id: MW-22S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74419
Client Id: MW-22S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/15/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	78	ug/L	0.000	10/15/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	65	ug/L	0.000	10/15/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	68	ug/L	0.000	10/15/01	MSL	SW846 8270C
Phenol-d5 (%SR)	65	ug/L	0.000	10/15/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	79	ug/L	0.000	10/15/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	63	ug/L	0.000	10/15/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/15/01	CR	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/17/01	CR	EPA 200.7
Total Chromium	0.724	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Nickel	5.37	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Zinc	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7

Close File

Lab ID No: AC74420
Client Id: MW-48S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/12/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/12/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethane	5.2	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,2-Dichloroethene	3.2	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B

Close File

Lab ID No: AC74420
Client Id: MW-48S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.0	10/12/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1-Trichloroethane	2.5	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichloroethene (TCE)	1.5	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	82	ug/L		10/12/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	97	ug/L		10/12/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	86	ug/L		10/12/01	DG	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/10/01	MB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74420
Client Id: MW-48S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74420
Client Id: MW-48S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/15/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	78	ug/L	0.000	10/15/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	60	ug/L	0.000	10/15/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	61	ug/L	0.000	10/15/01	MSL	SW846 8270C
Phenol-d5 (%SR)	60	ug/L	0.000	10/15/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	80	ug/L	0.000	10/15/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	69	ug/L	0.000	10/15/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/15/01	CR	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/17/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Nickel	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Zinc	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7

Close File

Lab ID No: AC74421
Client Id: MW-38S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/12/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/12/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethene	4.7	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,2-Dichloroethene	92	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,2-Dichloroethene	2.6	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B

Close File

Lab ID No: AC74421
Client Id: MW-38S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichloroethene (TCE)	11	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Vinyl chloride	28	ug/L	1.0	10/12/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	89	ug/L		10/12/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		10/12/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	93	ug/L		10/12/01	DG	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/10/01	MB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74421
Client Id: MW-38S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74421
Client Id: MW-38S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/15/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	71	ug/L	0.000	10/15/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	56	ug/L	0.000	10/15/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	58	ug/L	0.000	10/15/01	MSL	SW846 8270C
Phenol-d5 (%SR)	58	ug/L	0.000	10/15/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	73	ug/L	0.000	10/15/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	70	ug/L	0.000	10/15/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/15/01	CR	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/17/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Nickel	0.0657	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Zinc	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7

Close File

Lab ID No: AC74422
Client Id: MW-4D

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	95	ug/L	20.0	10/12/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/12/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B

Close File

Lab ID No: AC74422
Client Id: MW-4D

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.0	10/12/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Vinyl chloride	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	83	ug/L		10/12/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	97	ug/L		10/12/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	87	ug/L		10/12/01	DG	SW846 8260B
Metals Preparation						
Metals Digestion	Completed			10/15/01	CR	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/17/01	CR	EPA 200.7
Total Chromium	0.108	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Copper	0.0218	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Nickel	0.0788	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Zinc	0.2238	mg/L	0.005	10/17/01	CR	EPA 200.7

Close File

Lab ID No: AC74423
Client Id: Dup-03

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	50.0	10/12/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	5.00	10/12/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	25.0	10/12/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	12.5	10/12/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	5.00	10/12/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	5.00	10/12/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	5.00	10/12/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	5.00	10/12/01	DG	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
cis-1,2-Dichloroethene	75	ug/L	2.50	10/12/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B

Close File

Lab ID No: AC74423 **Collection Date:** 10/3/01
Client Id: Dup-03 **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	25.0	10/12/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	25.0	10/12/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	25.0	10/12/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Tetrachloroethene (PCE)	21	ug/L	2.50	10/12/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Trichloroethene (TCE)	170	ug/L	2.50	10/12/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
Vinyl chloride	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	5.00	10/12/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	2.50	10/12/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	86	ug/L	0.000	10/12/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L	0.000	10/12/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	90	ug/L	0.000	10/12/01	DG	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/10/01	MB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74423
Client Id: Dup-03

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74423 **Collection Date:** 10/3/01
Client Id: Dup-03 **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/15/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	72	ug/L	0.000	10/15/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	57	ug/L	0.000	10/15/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	59	ug/L	0.000	10/15/01	MSL	SW846 8270C
Phenol-d5 (%SR)	57	ug/L	0.000	10/15/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	78	ug/L	0.000	10/15/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	61	ug/L	0.000	10/15/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/15/01	CR	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/17/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Nickel	2.74	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Zinc	0.0465	mg/L	0.005	10/17/01	CR	EPA 200.7

Close File

Lab ID No: AC74424
Client Id: MW-39S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/12/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/12/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethane	2.3	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,2-Dichloroethene	1.1	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B

Close File

Lab ID No: AC74424
Client Id: MW-39S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/12/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichloroethene (TCE)	1.4	ug/L	1.0	10/12/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/12/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/12/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	83	ug/L		10/12/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	99	ug/L		10/12/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	87	ug/L		10/12/01	DG	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/10/01	MB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74424
Client Id: MW-39S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C

Close File

Lab ID No: AC74424
Client Id: MW-39S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/15/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/15/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/15/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	84	ug/L	0.000	10/15/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	69	ug/L	0.000	10/15/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	70	ug/L	0.000	10/15/01	MSL	SW846 8270C
Phenol-d5 (%SR)	67	ug/L	0.000	10/15/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	81	ug/L	0.000	10/15/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	69	ug/L	0.000	10/15/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/15/01	CR	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/17/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Copper	0.006	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Nickel	0.0175	mg/L	0.005	10/17/01	CR	EPA 200.7
Total Zinc	0.0233	mg/L	0.005	10/17/01	CR	EPA 200.7

Close File

Lab ID No: AC74424
Client Id: MW-39S

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method

Reviewed by:

Quality Service/Quality Assurance Depts.

Validated by:

President/Laboratory Director

11/8/01

Close File

COPY: BC, FILE RET. WM

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Massachusetts Certification # M-MA138
Rhode Island # 98 Maine # MA138
Florida # E87600 / 87562
New Hampshire # 2538
Connecticut # PH-0777
New York # 11393

ACCREDITED IN ACCORDANCE WITH

RMT, Inc
100 Verdae Blvd.
Greenville, SC 29607

Attn: Mark Meisfeldt

Friday, October 05, 2001

Report Status:
- ☑ Final Report
- ☐ Re-issued Report
- ☐ Revised Report

Client Project Number: 998.62

Location: MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC74616	DP-27	VOCs by GC/MS
AC74617	DP-28	VOCs by GC/MS
AC74618	DP-29	VOCs by GC/MS
AC74619	DP-30	VOCs by GC/MS
AC74620	DP-31	VOCs by GC/MS
AC74621	DP-26I	VOCs by GC/MS

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC including any data obtained from a subcontract laboratory. Please note that all solid matrix sample results are calculated on a dry weight basis unless otherwise specified.

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

QC - LCH, 11/20/01: COC, TEMP, HT, METHOD ✓
LEVEL 3 QC ✓

No data validation flags to be added.

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: MTD - Westfield, MA
Client: RMT
Lab ID No: AC74616
Client Id: DP-27

Client Project No: 998.62
Submittal Date: 10/4/01
Collection Date: 10/4/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/4/01	RLJ	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/4/01	RLJ	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloroethane	2.4	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloroethene	1.0	ug/L	1.0	10/4/01	RLJ	SW846 8260B
cis-1,2-Dichloroethene	60	ug/L	1.0	10/4/01	RLJ	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B

Close File

Lab ID No: AC74616
Client Id: DP-27

Collection Date: 10/4/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Methyl-tert-butyl ether (MTBE)	2.5	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Tetrachloroethene (PCE)	17	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,1-Trichloroethane	1.5	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Trichloroethene (TCE)	210	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Bromofluorobenzene (%SR)	99	ug/L		10/4/01	RLJ	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		10/4/01	RLJ	SW846 8260B
Chlorobenzene-d5 (%SR)	101	ug/L		10/4/01	RLJ	SW846 8260B

Close File

Lab ID No: AC74617
Client Id: DP-28

Collection Date: 10/4/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/4/01	RLJ	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/4/01	RLJ	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
Chloroform	1.1	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloroethane	1.0	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
cis-1,2-Dichloroethene	34	ug/L	1.0	10/4/01	RLJ	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B

Close File

Lab ID No: AC74617
Client Id: DP-28

Collection Date: 10/4/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Methyl-tert-butyl ether (MTBE)	1.2	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Tetrachloroethene (PCE)	2.5	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Trichloroethene (TCE)	50	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Bromofluorobenzene (%SR)	99	ug/L		10/4/01	RLJ	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		10/4/01	RLJ	SW846 8260B
Chlorobenzene-d5 (%SR)	101	ug/L		10/4/01	RLJ	SW846 8260B

Close File

Lab ID No: AC74618
Client Id: DP-29

Collection Date: 10/4/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/4/01	RLJ	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/4/01	RLJ	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
Chloroform	1.4	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B

Close File

Lab ID No: AC74618
Client Id: DP-29

Collection Date: 10/4/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Trichloroethene (TCE)	4.0	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Bromofluorobenzene (%SR)	99	ug/L		10/4/01	RLJ	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		10/4/01	RLJ	SW846 8260B
Chlorobenzene-d5 (%SR)	101	ug/L		10/4/01	RLJ	SW846 8260B

Close File

Lab ID No: AC74619
Client Id: DP-30

Collection Date: 10/4/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/4/01	RLJ	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/4/01	RLJ	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
cis-1,2-Dichloroethene	20	ug/L	1.0	10/4/01	RLJ	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B

Close File

Lab ID No: AC74619
Client Id: DP-30

Collection Date: 10/4/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Tetrachloroethene (PCE)	1.9	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Trichloroethene (TCE)	26	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Vinyl chloride	2.1	ug/L	1.0	10/4/01	RLJ	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L		10/4/01	RLJ	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		10/4/01	RLJ	SW846 8260B
Chlorobenzene-d5 (%SR)	101	ug/L		10/4/01	RLJ	SW846 8260B

Close File

Lab ID No: AC74620
Client Id: DP-31

Collection Date: 10/4/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/4/01	RLJ	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/4/01	RLJ	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
Chloroform	2.8	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloroethane	1.5	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloroethene	1.6	ug/L	1.0	10/4/01	RLJ	SW846 8260B
cis-1,2-Dichloroethene	280	ug/L	1.0	10/4/01	RLJ	SW846 8260B
trans-1,2-Dichloroethene	1.4	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B

Close File

Lab ID No: AC74620
Client Id: DP-31

Collection Date: 10/4/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
Methylene chloride	Below det lim	ug/L	12.0	10/4/01	RLJ	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Trichloroethene (TCE)	110	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Vinyl chloride	22	ug/L	1.0	10/4/01	RLJ	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Bromofluorobenzene (%SR)	107	ug/L		10/4/01	RLJ	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		10/4/01	RLJ	SW846 8260B
Chlorobenzene-d5 (%SR)	106	ug/L		10/4/01	RLJ	SW846 8260B

Close File

Lab ID No: AC74621
Client Id: DP-26I

Collection Date: 10/4/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/4/01	RLJ	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/4/01	RLJ	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloroethane	2.2	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
cis-1,2-Dichloroethene	52	ug/L	1.0	10/4/01	RLJ	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B

Close File

Lab ID No: AC74621
Client Id: DP-26I

Collection Date: 10/4/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Methyl-tert-butyl ether (MTBE)	1.7	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/4/01	RLJ	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Tetrachloroethene (PCE)	11	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Trichloroethene (TCE)	150	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/4/01	RLJ	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/4/01	RLJ	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		10/4/01	RLJ	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		10/4/01	RLJ	SW846 8260B
Chlorobenzene-d5 (%SR)	102	ug/L		10/4/01	RLJ	SW846 8260B

Reviewed by:

Quality Service/Quality Assurance Depts.

Validated by:

President/Laboratory Director

10/5/01

Close File

COPY: BC, FILE RET. WMB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Massachusetts Certification # M-MA138
Rhode Island # 98 Maine # MA138
Florida # E87600 / 87562
New Hampshire # 2538
Connecticut # PH-0777
New York # 11393

ACCREDITED IN ACCORDANCE WITH

RMT, Inc
100 Verdae Blvd.
Greenville, SC 29607

Attn: Mark Meisfeldt

Thursday, September 27, 2001

Report Status:
- ☑ Final Report
- ☐ Re-issued Report
- ☐ Revised Report

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC72565	MW-43S	VOCs by GC/MS
AC72566	MW-32S	VOCs by GC/MS
AC72567	MW-32I	VOCs by GC/MS
AC72568	MW-46S	VOCs by GC/MS
AC72569	MW-51S	VOCs by GC/MS
AC72570	MW-13S	VOCs by GC/MS
AC72571	MW-18A	VOCs by GC/MS
AC72572	MW-27S	VOCs by GC/MS
AC72573	MW-41S	VOCs by GC/MS

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC including any data obtained from a subcontract laboratory. Please note that all solid matrix sample results are calculated on a dry weight basis unless otherwise specified.

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

QC - LCH, 11/20/01: COC, HT, METHOD ✓
TEMP IS ACCEPTABLE DUE TO SHORT DURATION ON ICE IN TRANSIT TO LAB. NOT ENOUGH TIME TO BE CHILLED.
LEVEL 3 QC ✓
No data validation flags to be added.

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

ENVIRONMENTAL ANALYSES
11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: MTD - Westfield, MA
Client: RMT
Lab ID No: AC72565
Client Id: MW-43S

Client Project No: 998.62
Submittal Date: 9/25/01
Collection Date: 9/24/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	3.3	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72565
Client Id: MW-43S

Collection Date: 9/24/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	1.7	ug/L	1.0	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	20	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L		9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L		9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72566
Client Id: MW-32S

Collection Date: 9/24/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	1.1	ug/L	1.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	16	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	2.1	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	11	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	2.0	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72566
Client Id: MW-32S

Collection Date: 9/24/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	1.9	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	2.8	ug/L	1.0	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	7.4	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Vinyl chloride	250	ug/L	1.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	99	ug/L		9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72567
Client Id: MW-32I

Collection Date: 9/24/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Benzene	5.5	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	1.4	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	140	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72567
Client Id: MW-32I

Collection Date: 9/24/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	4.8	ug/L	1.0	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	100	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Vinyl chloride	12	ug/L	1.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L		9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L		9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72568 **Collection Date:** 9/25/01
Client Id: MW-46S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	71	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72568
Client Id: MW-46S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	4.9	ug/L	1.0	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	150	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/L		9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	97	ug/L		9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72569
Client Id: MW-51S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	42	ug/L	5.00	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72569
Client Id: MW-51S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	190	ug/L	5.00	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Vinyl chloride	7.0	ug/L	5.00	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	89	ug/L	0.000	9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L	0.000	9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	92	ug/L	0.000	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72570
Client Id: MW-13S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	2.2	ug/L	1.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	2.6	ug/L	1.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	1.4	ug/L	1.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	1.0	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	4.4	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72570
Client Id: MW-13S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	1.0	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	2.1	ug/L	1.0	9/26/01	GW	SW846 8260B
Toluene	5.9	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	42	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Vinyl chloride	2.9	ug/L	1.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L		9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72571
Client Id: MW-18A

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	200	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	100	9/26/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	50.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	56	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	800	ug/L	10.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	55	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72571
Client Id: MW-18A

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	100	9/26/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	100	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Vinyl chloride	290	ug/L	10.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	79	ug/L	0.000	9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L	0.000	9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	87	ug/L	0.000	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72572
Client Id: MW-27S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	2.8	ug/L	1.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	1.4	ug/L	1.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Chloroform	4.8	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloromethane	2.3	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72572
Client Id: MW-27S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	1.9	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Naphthalene	2.8	ug/L	1.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	3.6	ug/L	1.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	25	ug/L	1.0	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	2.6	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	4.3	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L		9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72573
Client Id: MW-41S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	2.8	ug/L	1.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	2.3	ug/L	1.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	3.2	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	10	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Ethylbenzene	3.4	ug/L	1.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72573
Client Id: MW-41S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	2.9	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Naphthalene	3.4	ug/L	1.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	3.1	ug/L	1.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	5.7	ug/L	1.0	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	7.8	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Vinyl chloride	1.6	ug/L	1.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	99	ug/L		9/26/01	GW	SW846 8260B

Reviewed by:

Quality Service/Quality Assurance Depts.

Validated by:

President/Laboratory Director

9/27/01

Close File

COPY: BC, FILE RET. WMB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Massachusetts Certification # M-MA138
Rhode Island # 98 Maine # MA138
Florida # E87600 / 87562
New Hampshire # 2538
Connecticut # PH-0777
New York # 11393

ACCREDITED IN ACCORDANCE WITH

RMT, Inc
100 Verdae Blvd.
Greenville, SC 29607

Attn: Mark Meisfeldt

Wednesday, October 03, 2001

Report Status:
- ☑ Final Report
- ☐ Re-issued Report
- ☐ Revised Report

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC74048	DP-04	VOCs by GC/MS
AC74049	DP-05	VOCs by GC/MS
AC74050	DP-06	VOCs by GC/MS
AC74051	DP-07	VOCs by GC/MS
AC74052	DP-08	VOCs by GC/MS
AC74053	DP-09	VOCs by GC/MS
AC74054	DP-10	VOCs by GC/MS
AC74055	DP-11	VOCs by GC/MS
AC74056	DP-12	VOCs by GC/MS

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC including any data obtained from a subcontract laboratory. Please note that all solid matrix sample results are calculated on a dry weight basis unless otherwise specified.

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

QC-LCH, 11/20/01: COC, TEMP, HT, METHODS ✓
LEVEL 3 QC ✓

Due to LCS recovery greater than upper control limit, the following positive sample results for vinyl chloride shall be qualified with a "j": DP-04, DP-05, DP-06, DP-08, DP-09, DP-10, DP-11, DP-12

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: MTD - Westfield, MA
Client: RMT
Lab ID No: AC74048
Client Id: DP-04

Client Project No: 998.62
Submittal Date: 10/2/01
Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	10/2/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
1,1-Dichloroethane	9.7	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1-Dichloroethene	12	ug/L	5.00	10/2/01	DG	SW846 8260B
cis-1,2-Dichloroethene	470	ug/L	5.00	10/2/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B

Close File

Lab ID No: AC74048
Client Id: DP-04

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Tetrachloroethene (PCE)	52	ug/L	5.00	10/2/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Trichloroethene (TCE)	910	ug/L	5.00	10/2/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Vinyl chloride	370	ug/L	5.00	10/2/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	95	ug/L	0.000	10/2/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	99	ug/L	0.000	10/2/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	96	ug/L	0.000	10/2/01	DG	SW846 8260B

Close File

Lab ID No: AC74049
Client Id: DP-05

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	10/2/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
cis-1,2-Dichloroethene	140	ug/L	5.00	10/2/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B

Close File

Lab ID No: AC74049
Client Id: DP-05

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	15.0	10/2/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Trichloroethene (TCE)	660	ug/L	5.00	10/2/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Vinyl chloride	23	ug/L	5.00	10/2/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	94	ug/L	0.000	10/2/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L	0.000	10/2/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	96	ug/L	0.000	10/2/01	DG	SW846 8260B

Close File

Lab ID No: AC74050
Client Id: DP-06

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	10/2/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
cis-1,2-Dichloroethene	230	ug/L	5.00	10/2/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B

Close File

Lab ID No: AC74050
Client Id: DP-06

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Trichloroethene (TCE)	1,300	ug/L	5.00	10/2/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Vinyl chloride	38	ug/L	5.00	10/2/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	94	ug/L	0.000	10/2/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	106	ug/L	0.000	10/2/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	96	ug/L	0.000	10/2/01	DG	SW846 8260B

Close File

Lab ID No: AC74051
Client Id: DP-07

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	10/2/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
cis-1,2-Dichloroethene	81	ug/L	5.00	10/2/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B

Close File

Lab ID No: AC74051
Client Id: DP-07

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	15.00	10/2/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Trichloroethene (TCE)	410	ug/L	5.00	10/2/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Vinyl chloride	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	89	ug/L	0.000	10/2/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L	0.000	10/2/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	90	ug/L	0.000	10/2/01	DG	SW846 8260B

Close File

Lab ID No: AC74052
Client Id: DP-08

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	10/2/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
cis-1,2-Dichloroethene	220	ug/L	5.00	10/2/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B

Close File

Lab ID No: AC74052
Client Id: DP-08

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	15.0	10/2/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Tetrachloroethene (PCE)	470	ug/L	5.00	10/2/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Trichloroethene (TCE)	1,300	ug/L	5.00	10/2/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
Vinyl chloride	52	ug/L	5.00	10/2/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	10/2/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	10/2/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	95	ug/L	0.000	10/2/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	99	ug/L	0.000	10/2/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	97	ug/L	0.000	10/2/01	DG	SW846 8260B

Close File

Lab ID No: AC74053
Cllent Id: DP-09

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	10/3/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
cis-1,2-Dichloroethene	210	ug/L	5.00	10/3/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B

Close File

Lab ID No: AC74053
Client Id: DP-09

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Tetrachloroethene (PCE)	260	ug/L	5.00	10/3/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Trichloroethene (TCE)	640	ug/L	5.00	10/3/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
Vinyl chloride	130	ug/L	5.00	10/3/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	10/3/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L	0.000	10/3/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L	0.000	10/3/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	107	ug/L	0.000	10/3/01	GW	SW846 8260B

Close File

Lab ID No: AC74054
Client Id: DP-10

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	500	10/3/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	250	10/3/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	125	10/3/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
cis-1,2-Dichloroethene	160	ug/L	25.0	10/3/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B

Close File

Lab ID No: AC74054
Client Id: DP-10

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	250	10/3/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	250	10/3/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Tetrachloroethene (PCE)	71	ug/L	25.0	10/3/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Trichloroethene (TCE)	2,600	ug/L	25.0	10/3/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Vinyl chloride	130	ug/L	25.0	10/3/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	88	ug/L	0.000	10/3/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	98	ug/L	0.000	10/3/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L	0.000	10/3/01	GW	SW846 8260B

Close File

Lab ID No: AC74055 **Collection Date:** 10/2/01
Client Id: DP-11 **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	500	10/3/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	250	10/3/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	125	10/3/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
cis-1,2-Dichloroethene	510	ug/L	25.0	10/3/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B

Close File

Lab ID No: AC74055
Client Id: DP-11

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	250	10/3/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	250	10/3/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Tetrachloroethene (PCE)	240	ug/L	25.0	10/3/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Trichloroethene (TCE)	10,500	ug/L	25.0	10/3/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
Vinyl chloride	310	ug/L	25.0	10/3/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	50.0	10/3/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	25.0	10/3/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	99	ug/L	0.000	10/3/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L	0.000	10/3/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	99	ug/L	0.000	10/3/01	GW	SW846 8260B

Close File

Lab ID No: AC74056
Client Id: DP-12

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	500	10/2/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	250	10/2/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	125	10/2/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
1,1-Dichloroethane	70	ug/L	25.0	10/2/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
cis-1,2-Dichloroethene	420	ug/L	25.0	10/2/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B

Close File

Lab ID No: AC74056
Client Id: DP-12

Collection Date: 10/2/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	250	10/2/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	250	10/2/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Tetrachloroethene (PCE)	210	ug/L	25.0	10/2/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Trichloroethene (TCE)	3,300	ug/L	25.0	10/2/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
Vinyl chloride	1,800	ug/L	25.0	10/2/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	50.0	10/2/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	25.0	10/2/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	86	ug/L	0.000	10/2/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	99	ug/L	0.000	10/2/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	88	ug/L	0.000	10/2/01	DG	SW846 8260B

Reviewed by:

Quality Service/Quality Assurance Depts.

Validated by:

President/Laboratory Director

10/3/01

Close File

COPY: BC, FILE RET. WMB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Massachusetts Certification # M-MA138
Rhode Island # 98 Maine # MA138
Florida # E87600 / 87562
New Hampshire # 2538
Connecticut # PH-0777
New York # 11393

ACCREDITED IN ACCORDANCE WITH

RMT, Inc
100 Verdae Blvd.
Greenville, SC 29607

Attn: Mark Meisfeldt

Monday, October 01, 2001

Report Status:
- ☑ Final Report
- ☐ Re-issued Report
- ☐ Revised Report

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC73112	MW-24D	VOCs by GC/MS
AC73113	MW-24I	VOCs by GC/MS
AC73114	MW-24ID	VOCs by GC/MS
AC73115	MW-24S	VOCs by GC/MS
AC73116	MW-20C	VOCs by GC/MS
AC73117	MW-40I	VOCs by GC/MS
AC73118	MW-40S	VOCs by GC/MS
AC73119	MW-11I	VOCs by GC/MS
AC73120	MW-45S	VOCs by GC/MS
AC73121	Tblk-01	VOCs by GC/MS
AC73122	Dup-01	VOCs by GC/MS
AC73123	Fblk-01	VOCs by GC/MS
AC73124	MW-20B	VOCs by GC/MS

QC - LCH, 11/20/01: COC, TEMP, HT, METHOD, FBLK, TBLK ✓
LEVEL 3 QC ✓
DUP-01 = MW-24I ✓

Due to LCS recovery greater than upper control limit, the following positive sample results for vinyl chloride shall be qualified with a "j": MW-24I MW-20C MW-20B MW-24S DUP-01

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC including any data obtained from a subcontract laboratory. Please note that all solid matrix sample results are calculated on a dry weight basis unless otherwise specified.

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: MTD - Westfield, MA
Client: RMT
Lab ID No: AC73112
Client Id: MW-24D

Client Project No: 998.62
Submittal Date: 9/27/01
Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73112
Client Id: MW-24D

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	95	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73113
Client Id: MW-24I

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	1000	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	500	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	250	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	120	ug/L	50.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73113
Client Id: MW-24I

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	500	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	500	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	150	ug/L	50.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	3,200	ug/L	50.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Vinyl chloride	65	ug/L	50.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	92	ug/L	0.000	9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	104	ug/L	0.000	9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	92	ug/L	0.000	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73114
Client Id: MW-24ID

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73114
Client Id: MW-24ID

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	10	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	95	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	94	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73115 **Collection Date:** 9/26/01
Client Id: MW-24S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	1000	9/28/01	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Benzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Bromoform	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	100	9/28/01	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	500	9/28/01	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	250	9/28/01	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	100	9/28/01	KW	SW846 8260B
Chloroform	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	100	9/28/01	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	100	9/28/01	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	100	9/28/01	KW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
cis-1,2-Dichloroethene	380	ug/L	50.0	9/28/01	KW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B

Close File

Lab ID No: AC73115
Client Id: MW-24S

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	500	9/28/01	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	500	9/28/01	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Styrene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Tetrachloroethene (PCE)	500	ug/L	50.0	9/28/01	KW	SW846 8260B
Toluene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Trichloroethene (TCE)	6,100	ug/L	50.0	9/28/01	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Vinyl chloride	300	ug/L	50.0	9/28/01	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	100	9/28/01	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L	0.000	9/28/01	KW	SW846 8260B
1,4-Difluorobenzene (%SR)	99	ug/L	0.000	9/28/01	KW	SW846 8260B
Chlorobenzene-d5 (%SR)	94	ug/L	0.000	9/28/01	KW	SW846 8260B

Close File

Lab ID No: AC73116 **Collection Date:** 9/26/01
Client Id: MW-20C **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	24	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73116
Client Id: MW-20C

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	6.7	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	180	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	18	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	94	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	93	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73117
Client Id: MW-40I

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73117
Client Id: MW-40I

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	3.5	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	94	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73118
Client Id: MW-40S

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	3.6	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	70	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73118
Client Id: MW-40S

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	22	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	1.6	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	370	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	94	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	93	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73119
Client Id: MW-11I

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	13	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73119
Client Id: MW-11I

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	3.9	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	13	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	95	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	95	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73120
Client Id: MW-45S

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	2.2	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	38	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73120
Client Id: MW-45S

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	1.8	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	24	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	95	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	94	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73121
Client Id: Tblk-01

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73121
Client Id: Tblk-01

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	94	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	93	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73122
Client Id: Dup-01

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	1000	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	500	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	250	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	120	ug/L	50.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73122
Client Id: Dup-01

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	500	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	500	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	150	ug/L	50.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	2,800	ug/L	50.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Vinyl chloride	57	ug/L	50.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	91	ug/L	0.000	9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L	0.000	9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	91	ug/L	0.000	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73123
Client Id: Fblk-01

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	30.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73123
Client Id: Fblk-01

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	104	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	95	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73124
Client Id: MW-20B

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	3.6	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	1.3	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	2.4	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	3.9	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	110	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	1.5	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73124
Client Id: MW-20B

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	3.0	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	1.6	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	55	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	84	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	96	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	109	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	103	ug/L		9/29/01	GW	SW846 8260B

Reviewed by:

Quality Service/Quality Assurance Depts.

Validated by:

President/Laboratory Director

10/1/01

Close File

COPY: BC, FILE RET. WMB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Massachusetts Certification # M-MA138
Rhode Island # 98 Maine # MA138
Florida # E87600 / 87562
New Hampshire # 2538
Connecticut # PH-0777
New York # 11393

ACCREDITED IN ACCORDANCE WITH

RMT, Inc
100 Verdae Blvd.
Greenville, SC 29607

Attn: Mark Meisfeldt

Thursday, October 04, 2001

Report Status:
- ☑ Final Report
- ☐ Re-issued Report
- ☐ Revised Report

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC74321	DP-13	VOCs by GC/MS
AC74322	DP-14	VOCs by GC/MS
AC74323	DP-15	VOCs by GC/MS
AC74324	DP-16	VOCs by GC/MS
AC74325	DP-17	VOCs by GC/MS
AC74326	DP-18	VOCs by GC/MS
AC74327	DP-19	VOCs by GC/MS
AC74328	DP-20	VOCs by GC/MS
AC74329	DP-21	VOCs by GC/MS
AC74330	DP-22	VOCs by GC/MS
AC74331	DP-19I	VOCs by GC/MS
AC74332	DP-23	VOCs by GC/MS
AC74333	DP-24	VOCs by GC/MS
AC74334	DP-25	VOCs by GC/MS
AC74335	DP-26	VOCs by GC/MS

QC-LCH, 11/20/01: COC, HT, TEMP, METHOD ✓
LEVEL 3 QC ✓

Due to LCS recovery greater than upper control limit, the following positive sample results for vinyl chloride shall be qualified with a "j":
DP-13 DP-16 DP-19 DP-19I
DP-14 DP-17 DP-20
DP-15 DP-18 DP-21

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC including any data obtained from a subcontract laboratory. Please note that all solid matrix sample results are calculated on a dry weight basis unless otherwise specified.

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Authorized by:

Hanibal G. Tayeh, Ph.D.
President/Laboratory Director

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: MTD - Westfield, MA
Client: RMT
Lab ID No: AC74321
Client Id: DP-13

Client Project No: 998.62
Submittal Date: 10/3/01
Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	200	10/3/01	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Benzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Bromoform	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	100	10/3/01	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	50.0	10/3/01	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
Chloroform	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
1,1-Dichloroethane	53	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1-Dichloroethene	25	ug/L	10.0	10/3/01	KW	SW846 8260B
cis-1,2-Dichloroethene	760	ug/L	10.0	10/3/01	KW	SW846 8260B
trans-1,2-Dichloroethene	11	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B

Close File

Lab ID No: AC74321
Client Id: DP-13

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2,2-Dichloropropane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	100	10/3/01	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	100	10/3/01	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Styrene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Tetrachloroethene (PCE)	460	ug/L	10.0	10/3/01	KW	SW846 8260B
Toluene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1,1-Trichloroethane	40	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Trichloroethene (TCE)	8,000	ug/L	100	10/3/01	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Vinyl chloride	1,100	ug/L	10.0	10/3/01	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	102	ug/L	0.000	10/3/01	KW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L	0.000	10/3/01	KW	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L	0.000	10/3/01	KW	SW846 8260B

Close File

Lab ID No: AC74322
Client Id: DP-14

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	200	10/3/01	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Benzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Bromoform	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	100	10/3/01	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	50.0	10/3/01	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
Chloroform	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
1,1-Dichloroethane	20	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1-Dichloroethene	18	ug/L	10.0	10/3/01	KW	SW846 8260B
cis-1,2-Dichloroethene	440	ug/L	10.0	10/3/01	KW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B

Close File

Lab ID No: AC74322
Client Id: DP-14

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	100	10/3/01	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	100	10/3/01	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Styrene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Tetrachloroethene (PCE)	150	ug/L	10.0	10/3/01	KW	SW846 8260B
Toluene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1,1-Trichloroethane	18	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Trichloroethene (TCE)	4,300	ug/L	10.0	10/3/01	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Vinyl chloride	340	ug/L	10.0	10/3/01	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	101	ug/L	0.000	10/3/01	KW	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L	0.000	10/3/01	KW	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L	0.000	10/3/01	KW	SW846 8260B

Close File

Lab ID No: AC74323
Client Id: DP-15

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	200	10/3/01	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Benzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Bromoform	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	100	10/3/01	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	50.0	10/3/01	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
Chloroform	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
cis-1,2-Dichloroethene	310	ug/L	10.0	10/3/01	KW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B

Close File

Lab ID No: AC74323
Client Id: DP-15

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	100	10/3/01	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	100	10/3/01	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Styrene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Tetrachloroethene (PCE)	250	ug/L	10.0	10/3/01	KW	SW846 8260B
Toluene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1,1-Trichloroethane	33	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Trichloroethene (TCE)	4,100	ug/L	10.0	10/3/01	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Vinyl chloride	180	ug/L	10.0	10/3/01	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	102	ug/L	0.000	10/3/01	KW	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L	0.000	10/3/01	KW	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L	0.000	10/3/01	KW	SW846 8260B

Close File

Lab ID No: AC74324
Client Id: DP-16

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	10/3/01	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Benzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	10/3/01	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	10/3/01	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
1,1-Dichloroethane	22	ug/L	5.00	10/3/01	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,1-Dichloroethene	17	ug/L	5.00	10/3/01	KW	SW846 8260B
cis-1,2-Dichloroethene	420	ug/L	5.00	10/3/01	KW	SW846 8260B
trans-1,2-Dichloroethene	5.2	ug/L	5.00	10/3/01	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B

Close File

Lab ID No: AC74324
Client Id: DP-16

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	10/3/01	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	10/3/01	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Styrene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Tetrachloroethene (PCE)	41	ug/L	5.00	10/3/01	KW	SW846 8260B
Toluene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Trichloroethene (TCE)	670	ug/L	5.00	10/3/01	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
Vinyl chloride	360	ug/L	5.00	10/3/01	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	10/3/01	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	103	ug/L	0.000	10/3/01	KW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L	0.000	10/3/01	KW	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L	0.000	10/3/01	KW	SW846 8260B

Close File

Lab ID No: AC74325
Client Id: DP-17

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/3/01	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/3/01	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/3/01	KW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/3/01	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/3/01	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/3/01	KW	SW846 8260B
1,1-Dichloroethane	6.8	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,1-Dichloroethene	8.4	ug/L	1.0	10/3/01	KW	SW846 8260B
cis-1,2-Dichloroethene	450	ug/L	1.0	10/3/01	KW	SW846 8260B
trans-1,2-Dichloroethene	4.9	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B

Close File

Lab ID No: AC74325
Client Id: DP-17

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Tetrachloroethene (PCE)	16	ug/L	1.0	10/3/01	KW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,1,1-Trichloroethane	2.9	ug/L	1.0	10/3/01	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Trichloroethene (TCE)	360	ug/L	1.0	10/3/01	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Vinyl chloride	310	ug/L	1.0	10/3/01	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/3/01	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	104	ug/L		10/3/01	KW	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		10/3/01	KW	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L		10/3/01	KW	SW846 8260B

Close File

Lab ID No: AC74326
Client Id: DP-18

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/3/01	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/3/01	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/3/01	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/3/01	KW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/3/01	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/3/01	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/3/01	KW	SW846 8260B
1,1-Dichloroethane	3.5	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,1-Dichloroethene	1.5	ug/L	1.0	10/3/01	KW	SW846 8260B
cis-1,2-Dichloroethene	110	ug/L	1.0	10/3/01	KW	SW846 8260B
trans-1,2-Dichloroethene	1.3	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B

Close File

Lab ID No: AC74326
Client Id: DP-18

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/3/01	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Tetrachloroethene (PCE)	5.0	ug/L	1.0	10/3/01	KW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Trichloroethene (TCE)	32	ug/L	1.0	10/3/01	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
Vinyl chloride	49	ug/L	1.0	10/3/01	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/3/01	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/3/01	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	108	ug/L		10/3/01	KW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		10/3/01	KW	SW846 8260B
Chlorobenzene-d5 (%SR)	106	ug/L		10/3/01	KW	SW846 8260B

Close File

Lab ID No: AC74327
Client Id: DP-19

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/3/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/3/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
1,1-Dichloroethane	1.8	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
cis-1,2-Dichloroethene	65	ug/L	1.0	10/3/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B

Close File

Lab ID No: AC74327
Client Id: DP-19

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Tetrachloroethene (PCE)	7.8	ug/L	1.0	10/3/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Trichloroethene (TCE)	97	ug/L	1.0	10/3/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Vinyl chloride	18	ug/L	1.0	10/3/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/L		10/3/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	94	ug/L		10/3/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	90	ug/L		10/3/01	GW	SW846 8260B

Close File

Lab ID No: AC74328
Client Id: DP-20

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/3/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/3/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
1,1-Dichloroethane	4.3	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1-Dichloroethene	2.0	ug/L	1.0	10/3/01	GW	SW846 8260B
cis-1,2-Dichloroethene	94	ug/L	1.0	10/3/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B

Close File

Lab ID No: AC74328
Client Id: DP-20

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Tetrachloroethene (PCE)	23	ug/L	1.0	10/3/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,1-Trichloroethane	3.1	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Trichloroethene (TCE)	460	ug/L	1.0	10/3/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Vinyl chloride	37	ug/L	1.0	10/3/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	95	ug/L		10/3/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	106	ug/L		10/3/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	92	ug/L		10/3/01	GW	SW846 8260B

Close File

Lab ID No: AC74329
Client Id: DP-21

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/3/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/3/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
1,1-Dichloroethane	6.2	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1-Dichloroethene	2.1	ug/L	1.0	10/3/01	GW	SW846 8260B
cis-1,2-Dichloroethene	96	ug/L	1.0	10/3/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B

Close File

Lab ID No: AC74329
Client Id: DP-21

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	2.1	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Tetrachloroethene (PCE)	43	ug/L	1.0	10/3/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,1-Trichloroethane	3.8	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Trichloroethene (TCE)	610	ug/L	1.0	10/3/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Vinyl chloride	40	ug/L	1.0	10/3/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		10/3/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		10/3/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	99	ug/L		10/3/01	GW	SW846 8260B

Close File

Lab ID No: AC74330
Client Id: DP-22

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/3/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/3/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
1,1-Dichloroethane	2.3	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
cis-1,2-Dichloroethene	47	ug/L	1.0	10/3/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B

Close File

Lab ID No: AC74330
Client Id: DP-22

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/3/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Tetrachloroethene (PCE)	9.7	ug/L	1.0	10/3/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Trichloroethene (TCE)	190	ug/L	1.0	10/3/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/3/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/3/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L		10/3/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		10/3/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	101	ug/L		10/3/01	GW	SW846 8260B

Close File

Lab ID No: AC74331
Client Id: DP-19I

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	10/3/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	10/3/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	10/3/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	10/3/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	10/3/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	10/3/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	10/3/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	10/3/01	DG	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
cis-1,2-Dichloroethene	170	ug/L	5.00	10/3/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B

Close File

Lab ID No: AC74331
Client Id: DP-19I

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	10/3/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	10/3/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	15.0	10/3/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Tetrachloroethene (PCE)	71	ug/L	5.00	10/3/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,1,1-Trichloroethane	7.6	ug/L	5.00	10/3/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Trichloroethene (TCE)	1,300	ug/L	5.00	10/3/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
Vinyl chloride	86	ug/L	5.00	10/3/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	10/3/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	10/3/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	93	ug/L	0.000	10/3/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	98	ug/L	0.000	10/3/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	95	ug/L	0.000	10/3/01	DG	SW846 8260B

Close File

Lab ID No: AC74332
Client Id: DP-23

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/3/01	DG	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/3/01	DG	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/3/01	DG	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/3/01	DG	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/3/01	DG	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/3/01	DG	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/3/01	DG	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/3/01	DG	SW846 8260B
1,1-Dichloroethane	4.2	ug/L	1.0	10/3/01	DG	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
cis-1,2-Dichloroethene	98	ug/L	1.0	10/3/01	DG	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B

Close File

Lab ID No: AC74332
Client Id: DP-23

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/3/01	DG	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/3/01	DG	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Tetrachloroethene (PCE)	27	ug/L	1.0	10/3/01	DG	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,1,1-Trichloroethane	2.4	ug/L	1.0	10/3/01	DG	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Trichloroethene (TCE)	460	ug/L	1.0	10/3/01	DG	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/3/01	DG	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/3/01	DG	SW846 8260B
4-Bromofluorobenzene (%SR)	93	ug/L		10/3/01	DG	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		10/3/01	DG	SW846 8260B
Chlorobenzene-d5 (%SR)	95	ug/L		10/3/01	DG	SW846 8260B

Close File

Lab ID No: AC74333
Client Id: DP-24

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/4/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/4/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/4/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
1,1-Dichloroethane	2.2	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
cis-1,2-Dichloroethene	49	ug/L	1.0	10/4/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B

Close File

Lab ID No: AC74333
Client Id: DP-24

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/4/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/4/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Tetrachloroethene (PCE)	13	ug/L	1.0	10/4/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1,1-Trichloroethane	1.4	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Trichloroethene (TCE)	230	ug/L	1.0	10/4/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	90	ug/L		10/4/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		10/4/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	99	ug/L		10/4/01	GW	SW846 8260B

Close File

Lab ID No: AC74334
Client Id: DP-25

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/4/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/4/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/4/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
1,1-Dichloroethane	1.5	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
cis-1,2-Dichloroethene	29	ug/L	1.0	10/4/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B

Close File

Lab ID No: AC74334
Client Id: DP-25

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/4/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/4/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Tetrachloroethene (PCE)	9.3	ug/L	1.0	10/4/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Trichloroethene (TCE)	130	ug/L	1.0	10/4/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	110	ug/L		10/4/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		10/4/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L		10/4/01	GW	SW846 8260B

Close File

Lab ID No: AC74335
Client Id: DP-26

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/4/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/4/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/4/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
1,1-Dichloroethane	1.8	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
cis-1,2-Dichloroethene	35	ug/L	1.0	10/4/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B

Close File

Lab ID No: AC74335
Client Id: DP-26

Collection Date: 10/3/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/4/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	1.3	ug/L	1.0	10/4/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/4/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Tetrachloroethene (PCE)	5.0	ug/L	1.0	10/4/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Trichloroethene (TCE)	100	ug/L	1.0	10/4/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/4/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/4/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	93	ug/L		10/4/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		10/4/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	97	ug/L		10/4/01	GW	SW846 8260B

Reviewed by:

Quality Service/Quality Assurance Depts.

Validated by:

President/Laboratory Director

10/4/01

Close File

COPY: BC, FILE RET. WMB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Massachusetts Certification # M-MA138
Rhode Island # 98 Maine # MA138
Florida # E87600 / 87562
New Hampshire # 2538
Connecticut # PH-0777
New York # 11393

ACCREDITED IN ACCORDANCE WITH

RMT, Inc
100 Verdae Blvd.
Greenville, SC 29607

Attn: Mark Meisfeldt

Thursday, November 08, 2001

Report Status:
- ☐ Final Report
- ☑ Re-issued Report
- ☐ Revised Report

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC73939	MW 30I	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Nickel
		Total Cadmium
		Total Zinc
		Total Chromium
		Metals Digestion
AC73940	MW 29I	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Nickel
		Total Cadmium
		Total Zinc
		Total Chromium
		Metals Digestion
AC73941	MW 29S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Nickel
		Total Cadmium
		Total Zinc
		Total Chromium

QC- LCH, 11/20/01: COC, TEMP, HT, METHOD ✓ TBLK ✓
LEVEL 3 QC ✓
DUP-02= MW-30 I ✓
Due to LCS recovery greater than upper control limit, the following positive sample results for vinyl chloride shall be qualified with a "j": MW-29S.

ENVIRONMENTAL ANALYSES
11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC73941	MW 29S	Metals Digestion
AC73942	MW 47S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Nickel
		Total Cadmium
		Total Zinc
		Total Chromium
		Metals Digestion
AC73943	MW 21S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Nickel
		Total Cadmium
		Total Zinc
		Total Chromium
		Metals Digestion
AC73944	MW 8S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Nickel
		Total Cadmium
		Total Zinc
		Total Chromium
		Metals Digestion
AC73945	MW 2S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Nickel
		Total Cadmium
		Total Zinc

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC73945	MW 2S	Total Chromium
		Metals Digestion
AC73946	MW 7S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Nickel
		Total Cadmium
		Total Zinc
		Total Chromium
		Metals Digestion
AC73947	MW 12S	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Nickel
		Total Cadmium
		Total Zinc
		Total Chromium
		Metals Digestion
AC73948	Dup 02	VOCs by GC/MS
		Semivolatiles by GC/MS
		Separatory Funnel Extraction
		Total Copper
		Total Nickel
		Total Cadmium
		Total Zinc
		Total Chromium
		Metals Digestion
AC73949	Tblk 02	VOCs by GC/MS
		VOC Matrix Spike Recovery
		Duplicate VOC Matrix Spike Rec

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC including any data obtained from a subcontract laboratory. Please note that all solid matrix sample results are calculated on a dry weight basis unless otherwise specified.

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: MTD - Westfield, MA
Client: RMT
Lab ID No: AC73939
Client Id: MW 30I

Client Project No: 998.62
Submittal Date: 10/1/01
Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/5/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/5/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethane	5.2	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,2-Dichloroethene	4.0	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B

Close File

Lab ID No: AC73939
Client Id: MW 30I

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	16	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1-Trichloroethane	3.3	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichloroethene (TCE)	3.8	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	91	ug/L		10/5/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		10/5/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	92	ug/L		10/5/01	GW	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/5/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73939
Client Id: MW 30I

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73939
Client Id: MW 30I

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Diethyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/11/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	63	ug/L	0.000	10/11/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	47	ug/L	0.000	10/11/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	54	ug/L	0.000	10/11/01	MSL	SW846 8270C
Phenol-d5 (%SR)	52	ug/L	0.000	10/11/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	67	ug/L	0.000	10/11/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	53	ug/L	0.000	10/11/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/12/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Nickel	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7

Close File

Lab ID No: AC73939
Client Id: MW 30I

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Total Zinc	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7

Close File

Lab ID No: AC73940
Client Id: MW 29I

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/5/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/5/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,2-Dichloroethene	1.2	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B

Close File

Lab ID No: AC73940 **Collection Date:** 10/1/01
Client Id: MW 29I **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichloroethene (TCE)	5.1	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	93	ug/L		10/5/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		10/5/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	93	ug/L		10/5/01	GW	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/5/01	DS	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73940
Client Id: MW 29I

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73940
Client Id: MW 29I

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/11/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	69	ug/L	0.000	10/11/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	58	ug/L	0.000	10/11/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	64	ug/L	0.000	10/11/01	MSL	SW846 8270C
Phenol-d5 (%SR)	61	ug/L	0.000	10/11/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	74	ug/L	0.000	10/11/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	68	ug/L	0.000	10/11/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/12/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Nickel	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Zinc	0.0096	mg/L	0.005	10/12/01	CR	EPA 200.7

Close File

Lab ID No: AC73941
Client Id: MW 29S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/5/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/5/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B

Close File

Lab ID No: AC73941 **Collection Date:** 10/1/01
Client Id: MW 29S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichloroethene (TCE)	5.3	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	90	ug/L		10/5/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		10/5/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	90	ug/L		10/5/01	GW	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/5/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73941
Client Id: MW 29S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73941
Client Id: MW 29S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/11/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	52	ug/L	0.000	10/11/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	45	ug/L	0.000	10/11/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	47	ug/L	0.000	10/11/01	MSL	SW846 8270C
Phenol-d5 (%SR)	46	ug/L	0.000	10/11/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	58	ug/L	0.000	10/11/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	52	ug/L	0.000	10/11/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/12/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Nickel	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Zinc	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7

Close File

Lab ID No: AC73942 **Collection Date:** 10/1/01
Client Id: MW 47S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/5/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/5/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,2-Dichloroethene	24	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B

Close File

Lab ID No: AC73942
Client Id: MW 47S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Tetrachloroethene (PCE)	27	ug/L	1.0	10/5/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	89	ug/L		10/5/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		10/5/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	91	ug/L		10/5/01	GW	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/5/01	DS	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73942 **Collection Date:** 10/1/01
Client Id: MW 47S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73942
Client Id: MW 47S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/11/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	72	ug/L	0.000	10/11/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	60	ug/L	0.000	10/11/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	64	ug/L	0.000	10/11/01	MSL	SW846 8270C
Phenol-d5 (%SR)	63	ug/L	0.000	10/11/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	77	ug/L	0.000	10/11/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	76	ug/L	0.000	10/11/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/12/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Nickel	3.62	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Zinc	0.0164	mg/L	0.005	10/12/01	CR	EPA 200.7

Close File

Lab ID No: AC73943
Client Id: MW 21S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/5/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/5/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B

Close File

Lab ID No: AC73943 **Collection Date:** 10/1/01
Client Id: MW 21S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	2.5	10/5/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichloroethene (TCE)	4.3	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	88	ug/L		10/5/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		10/5/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	88	ug/L		10/5/01	GW	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/5/01	DS	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73943
Client Id: MW 21S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73943
Client Id: MW 21S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/11/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	81	ug/L	0.000	10/11/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	67	ug/L	0.000	10/11/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	71	ug/L	0.000	10/11/01	MSL	SW846 8270C
Phenol-d5 (%SR)	69	ug/L	0.000	10/11/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	83	ug/L	0.000	10/11/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	66	ug/L	0.000	10/11/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/12/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Nickel	0.0088	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Zinc	0.0170	mg/L	0.005	10/12/01	CR	EPA 200.7

Close File

Lab ID No: AC73944 **Collection Date:** 10/1/01
Client Id: MW 8S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/5/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/5/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,2-Dichloroethene	3.5	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B

Close File

Lab ID No: AC73944 **Collection Date:** 10/1/01
Client Id: MW 8S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichloroethene (TCE)	13	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	88	ug/L		10/5/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		10/5/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	88	ug/L		10/5/01	GW	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/5/01	DS	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73944
Client Id: MW 8S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73944
Client Id: MW 8S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/11/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	74	ug/L	0.000	10/11/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	62	ug/L	0.000	10/11/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	65	ug/L	0.000	10/11/01	MSL	SW846 8270C
Phenol-d5 (%SR)	65	ug/L	0.000	10/11/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	77	ug/L	0.000	10/11/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	69	ug/L	0.000	10/11/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/12/01	CR	EPA 200.7
Total Chromium	0.552	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Nickel	2.83	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Zinc	0.0074	mg/L	0.005	10/12/01	CR	EPA 200.7

Close File

Lab ID No: AC73945 **Collection Date:** 10/1/01
Client Id: MW 2S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/5/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/5/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethane	8.4	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,2-Dichloroethene	52	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,2-Dichloroethene	2.2	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B

Close File

Lab ID No: AC73945
Client Id: MW 2S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	4.0	10/5/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichloroethene (TCE)	20	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Vinyl chloride	1.1	ug/L	1.0	10/5/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	89	ug/L		10/5/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		10/5/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	88	ug/L		10/5/01	GW	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/5/01	DS	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73945 **Collection Date:** 10/1/01
Client Id: MW 2S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73945
Client Id: MW 2S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/11/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	74	ug/L	0.000	10/11/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	62	ug/L	0.000	10/11/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	66	ug/L	0.000	10/11/01	MSL	SW846 8270C
Phenol-d5 (%SR)	65	ug/L	0.000	10/11/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	80	ug/L	0.000	10/11/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	71	ug/L	0.000	10/11/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	0.0033	mg/L	0.0025	10/12/01	CR	EPA 200.7
Total Chromium	0.0512	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Nickel	0.953	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Zinc	0.0647	mg/L	0.005	10/12/01	CR	EPA 200.7

Close File

Lab ID No: AC73946
Client Id: MW 7S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/5/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/5/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethene	3.3	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,2-Dichloroethene	19	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B

Close File

Lab ID No: AC73946 **Collection Date:** 10/1/01
Client Id: MW 7S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	3.0	10/5/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichloroethene (TCE)	7.4	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	88	ug/L		10/5/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		10/5/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	87	ug/L		10/5/01	GW	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/5/01	DS	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73946 **Collection Date:** 10/1/01
Client Id: MW 7S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73946
Client Id: MW 7S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/11/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	85	ug/L	0.000	10/11/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	70	ug/L	0.000	10/11/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	75	ug/L	0.000	10/11/01	MSL	SW846 8270C
Phenol-d5 (%SR)	73	ug/L	0.000	10/11/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	87	ug/L	0.000	10/11/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	66	ug/L	0.000	10/11/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/12/01	CR	EPA 200.7
Total Chromium	0.241	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Nickel	0.224	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Zinc	0.0357	mg/L	0.005	10/12/01	CR	EPA 200.7

Close File

Lab ID No: AC73947 **Collection Date:** 10/1/01
Client Id: MW 12S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/6/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/6/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/6/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/6/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/6/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/6/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/6/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/6/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B

Close File

Lab ID No: AC73947 **Collection Date:** 10/1/01
Client Id: MW 12S **Matrix:** Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/6/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/6/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	2.0	10/6/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/6/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	87	ug/L		10/6/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		10/6/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	87	ug/L		10/6/01	GW	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/5/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73947
Client Id: MW 12S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73947
Client Id: MW 12S

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/11/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	79	ug/L	0.000	10/11/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	66	ug/L	0.000	10/11/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	67	ug/L	0.000	10/11/01	MSL	SW846 8270C
Phenol-d5 (%SR)	69	ug/L	0.000	10/11/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	77	ug/L	0.000	10/11/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	77	ug/L	0.000	10/11/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/12/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Nickel	0.702	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Zinc	0.0112	mg/L	0.005	10/12/01	CR	EPA 200.7

Close File

Lab ID No: AC73948
Client Id: Dup 02

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/6/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/6/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/6/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/6/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/6/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/6/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/6/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/6/01	GW	SW846 8260B
1,1-Dichloroethane	6.6	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
cis-1,2-Dichloroethene	3.3	ug/L	1.0	10/6/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B

Close File

Lab ID No: AC73948
Client Id: Dup 02

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/6/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	19	ug/L	1.0	10/6/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/6/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,1,1-Trichloroethane	3.3	ug/L	1.0	10/6/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Trichloroethene (TCE)	3.4	ug/L	1.0	10/6/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/6/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/6/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	84	ug/L		10/6/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		10/6/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	84	ug/L		10/6/01	GW	SW846 8260B
SVOC Preparation						
Separatory Funnel Extraction	Completed			10/5/01	WB	SW846 3510C
Semivolatile Organic Compounds						
Semivolatiles by GC/MS						
Pyridine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodimethylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Aniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Phenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73948
Client Id: Dup 02

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzyl alcohol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroisopropyl) ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylphenol (o-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachloroethane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitroso-di-n-propylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Methylphenol (m-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Methylphenol (p-cresol)	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Nitrobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Isophorone	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dimethylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-chloroethoxy) methane	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzoic acid	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Naphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobutadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chloro-3-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Methylnaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorocyclopentadiene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,6-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4,5-Trichlorophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Chloronaphthalene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dimethylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,6-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Acenaphthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenzofuran	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2,4-Dinitrotoluene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitrophenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluorene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Chlorophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Diethyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4-Nitroaniline	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
4,6-Dinitro-2-methylphenol	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
n-Nitrosodiphenylamine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Azobenzene/Diphenyldiazine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C

Close File

Lab ID No: AC73948
Client Id: Dup 02

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
4-Bromophenyl phenyl ether	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Hexachlorobenzene	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Pentachlorophenol	Below det lim	ug/L	1.0	10/11/01	MSL	SW846 8270C
Phenanthrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Carbazole	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-butylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Butyl benzyl phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
3,3'-Dichlorobenzidine	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Chrysene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Bis (2-ethylhexyl) phthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Di-n-octylphthalate	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (b) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (k) fluoranthene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (a) pyrene	Below det lim	ug/L	0.2	10/11/01	MSL	SW846 8270C
Indeno (1,2,3-cd) pyrene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Dibenz (a,h) anthracene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
Benzo (g,h,i) perylene	Below det lim	ug/L	5.00	10/11/01	MSL	SW846 8270C
2-Fluorobiphenyl (%SR)	89	ug/L	0.000	10/11/01	MSL	SW846 8270C
2-Fluorophenol (%SR)	75	ug/L	0.000	10/11/01	MSL	SW846 8270C
Nitrobenzene-d5 (%SR)	77	ug/L	0.000	10/11/01	MSL	SW846 8270C
Phenol-d5 (%SR)	76	ug/L	0.000	10/11/01	MSL	SW846 8270C
Terphenyl-d14 (%SR)	92	ug/L	0.000	10/11/01	MSL	SW846 8270C
2,4,6-Tribromophenol (%SR)	63	ug/L	0.000	10/11/01	MSL	SW846 8270C
Metals Preparation						
Metals Digestion	Completed			10/12/01	EP	EPA 200.7
Metals Analysis						
Total Cadmium	Below det lim	mg/L	0.0025	10/12/01	CR	EPA 200.7
Total Chromium	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Copper	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Nickel	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7
Total Zinc	Below det lim	mg/L	0.005	10/12/01	CR	EPA 200.7

Close File

Lab ID No: AC73949
Client Id: Tblk 02

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	10/5/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	10/5/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B

Close File

Lab ID No: AC73949
Client Id: Tblk 02

Collection Date: 10/1/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	10/5/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	10/5/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	10/5/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	94	ug/L		10/5/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		10/5/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	94	ug/L		10/5/01	GW	SW846 8260B

Reviewed by:

Quality Service/Quality Assurance Depts.

Validated by:

President/Laboratory Director

11/8/01

Close File

BEACON Report No. EM1392

EMFLUX® Passive Soil-Gas Survey

MTD SITE
WESTFIELD, MA
RMT PROJECT NO. 998.58

Prepared for

RMT, Inc.
100 Verdae Boulevard
Greenbille, SC 29607

by

Beacon Environmental Services, Inc.
19 Newport Drive
Suite 102
Forest Hill, MD 21050

November 20, 2001

Close File

Applying Results from Soil-Gas Surveys

The utility of soil-gas surveys is directly proportional to their accuracy in reflecting and representing changes in the subsurface concentrations of source compounds. A soil-gas survey, however, measures vapor-phase concentrations; and vapor-phase concentrations are never equivalent to the concentrations of their source compounds, essentially being dilute "extracts" of those compounds. As a matter of convenience, therefore, the units used in reporting the vapor concentrations are usually smaller than those employed for source-compound concentrations. For example, where source concentrations are expressed in mg/kg, concentrations of the derivative gas may more conveniently be measured in nanograms per liter.

The critical fact is that, whatever the relative concentrations of source and associated soil gas, best results are realized when the ratio of soil-gas measurements to actual subsurface concentrations remains as close to constant as the real world permits. It is the reliability and consistency of this ratio, not the particular units of mass (e.g., nanograms) or units of concentration (e.g., ng/L) that determine usefulness. Thus, BEACON emphasizes the necessity of conducting — at minimum — follow-on intrusive sampling at one or two points which show relatively high EMFLUX® values to obtain corresponding concentrations of soil and ground-water contaminants. These correspondent values furnish the basis for approximating the required ratio. Once that ratio is established, it can be used in conjunction with EMFLUX® measurements (regardless of the units adopted) to estimate subsurface contaminant concentrations across the survey field. It is important to keep in mind, however, that specific conditions at individual sample points, including soil porosity and permeability, depth to contamination, and perched ground water, can have significant impact on soil-gas measurements at those locations.

When EMFLUX® Surveys are handled in this way, the data provide information that can yield substantial savings in drilling costs and in time. They furnish, among other things, a checklist of compounds expected at each survey location and help to determine how and where drilling budgets can most effectively be spent.

Close File

EMFLUX® Survey Number: EM1392

MTD Site
Westfield, MA
RMT Project No. 998.58

This EMFLUX® Soil-Gas Survey Report has been prepared for RMT, Inc. (RMT) by Beacon Environmental Services, Inc. (BEACON) in accordance with the terms of Purchase Order Number 103728, dated September 21, 2001. BEACON's principal technical contact at RMT for this project has been Mr. Mark Miesfeldt.

1. Objectives

Soil-gas samples were collected to determine the presence, identity, and relative strength of targeted contaminants in soil and/or ground water at the MTD Site. Survey results will be used to determine the distribution of contaminants and to guide further site investigation.

2. Target Compounds

This survey targeted the following compounds:

Trichloroethene	1,1-Dichloroethene
cis-1,2-Dichloroethene	Vinyl Chloride
trans-1,2-Dichloroethene	

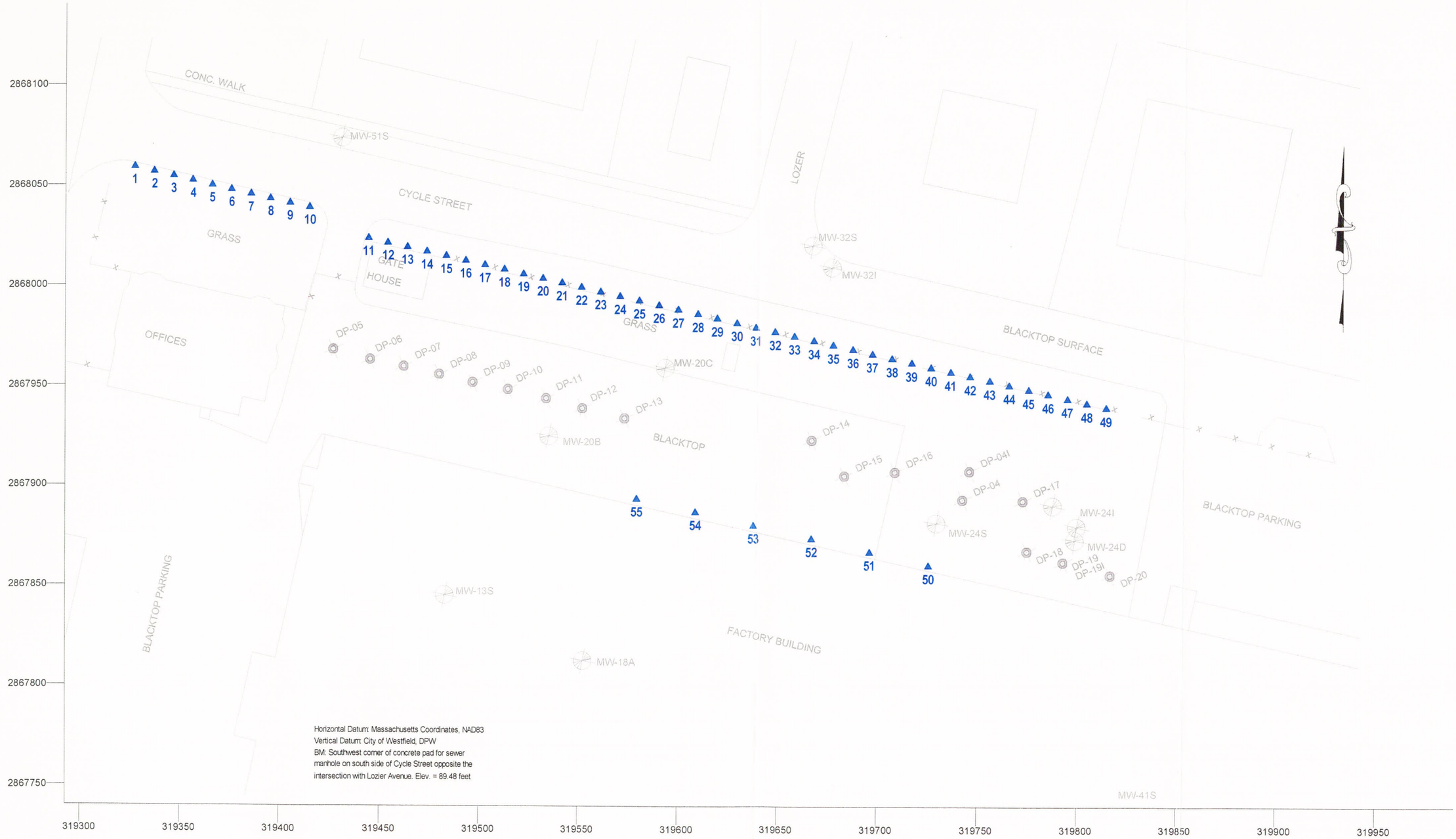
Attachment 1 supplies the resulting laboratory data in nanograms (ng) of specific compound per cartridge. **Table 1** provides the data converted to estimated soil-gas concentrations (ng/L).

3. Survey Description

- No. of Field Sample Points: 55
- No. of Duplicates: 4
- No. of Trip Blanks: 2
- Total No. of EMFLUX® Samples: 61
- Field sample locations are shown on **Figure 1**.

Note: No information is available for sample location SGP-50 because a sample was not successfully collected from that location.

Close File



BEACON ENVIRONMENTAL SERVICES, INC.
19 Newport Drive, Suite 102, Forest Hill, MD 21050, 800-878-5510
Beacon Project No. EM1392, November 2001

11 EMFLUX SOIL-GAS SAMPLE LOCATION

Approximate Scale in Feet

0 50 100

Figure 1
EMFLUX Soil-Gas Locations

MTD Site
Westfield, MA

Close File

4. Field Work

RMT was provided an EMFLUX® Field Kit with the equipment needed to conduct a 55-point EMFLUX® Soil-Gas Survey. Collectors were deployed on October 3 and 4, 2001, and retrieved October 15, 2001, in accordance with the EMFLUX® timing model. **Attachment 2** describes the field procedures used. Individual deployment and retrieval times will be found in the Field Deployment Report (**Attachment 3**).

5. Maryland Spectral Services, Inc. (MSS) Analysis and Reporting Dates

- MSS received 60 sample cartridges for analysis on October 16, 2001.
- EMFLUX® sample cartridges were thermally desorbed, then analyzed using gas chromatography/mass spectrometry (GC/MS) equipment, in accordance with EPA Method 8260 (Modified), as described in **Attachment 4**. MSS analyzed each cartridge for the targeted compounds.
- MSS completed the analysis on October 19, 2001. Following a laboratory review, results were provided to RMT that same day.

6. Data Treatment

- **Table 1** provides the survey results in estimated soil-gas concentrations in nanograms per liter (ng/L, which is equivalent to $\mu g/m^3$). Laboratory values were converted to estimated soil-gas concentrations using the following formula:

$$C = 10^3 KW/TR$$

where:

C = Avg. soil-gas conc. in collector (ng/L)
K = Cartridge collection constant (1.0 sec/cm^3)
W = Contaminant mass (ng)
T = Collection period (sec)
R = Adsorbent recovery factor (decimal fraction)

The specific collection period for each sample is given in the Field Deployment Report. Adsorbent recovery factors are provided in **Attachment 5**. The values in **Table 1** have been corrected for the appropriate recovery factors.

Note: The derivation of the EMFLUX® cartridge collection constant, **K**, involved (i) adoption of 0.05 cm^2/sec as a typical diffusion coefficient, **D**, for VOCs in free air and (ii) evaluation of experimental laboratory data to determine the ratio between collection

Close File

area, **A**, and diffusion distance, **Z**. The latter relationship, based on work done to date, appears to be **A/Z** = 20.2 cm. Given these values, the value of the constant is:

$$\begin{aligned} \mathbf{K} &= 1/[\mathbf{D}(\mathbf{A}/\mathbf{Z})]\ \text{sec/cm}^3 \\ &= 1/[0.05(20.2)]\ \text{sec/cm}^3 \\ &= 1/1.01\ \text{sec/cm}^3 \\ &\approx 1.0\ \text{sec/cm}^3 \end{aligned}$$

- **Data Compatibility**. It is important to note that when sample locations are covered with or near the edge of an artificial surface (*e.g.*, asphalt or concrete), sample measurements are often distorted (increased) significantly. Such distortion can be attributed to the fact that gas rising from sources beneath impermeable caps tends to reach equilibrium underneath the cap. Thus, a reading taken below or near an impermeable surface is much higher than it would be in the absence of such a cap.

7. Report Notes and Quality Assurance/Quality Control Factors

- **Table 1** provides survey results in estimated soil-gas concentrations by sample-point number and compound name. The quantitation levels (Q.L.) represent values above which quantitative laboratory results can be achieved within specified limits of precision and with a high degree of confidence. The quantitation level for each compound, therefore, provides a reliable basis for comparing the relative strength of any detection of that compound.

- The Chain-of-Custody form, which was shipped with the samples for this survey, is supplied as **Attachment 6**.

- **Laboratory QA/QC procedures** included standards, surrogates, and blanks appropriate to EPA Method 8260 (Modified). Field work and reporting were done in accordance with BEACON's Quality Assurance Program Plan. MSS performed analyses under the laboratory's own Quality Assurance Plan.

- **QA/QC Contaminant Corrections**. Following EPA guidelines, EMFLUX® laboratory data is not corrected for method blank or trip blank sample contamination values; any contamination detected on QA/QC samples is reported in **Attachment 1**.

- Laboratory **method blanks** are run each day with project samples to identify contamination present in the laboratory. If contamination is detected on a method blank, measurements of identical compounds on samples analyzed the same day are considered to be suspect and are flagged both in the laboratory report and in converted estimated

Close File

soil-gas concentration data. The laboratory method blanks analyzed in connection with the present samples revealed no contamination.

- The **trip blank** is an EMFLUX® collector prepared, transported, and analyzed with other samples but intentionally not exposed. Although reported in the laboratory data, contamination on this field QA/QC sample is subtracted from measurements of the same compounds on field samples during data interpretation. Here, the trip blanks (labeled Trip-1 and Trip-2 in **Attachment 1**) recorded none of the targeted compounds, indicating that the survey site itself is the source of detected contamination.

- The laboratory manager noted that the vial containing the cartridges from sample location SGP-16 had broken during shipment. The laboratory manager transferred the cartridges to a clean vial for storage at the laboratory. Because the sample cartridges may have been exposed to targeted compounds in the ambient air during shipment, data from sample location SGP-16 should be treated with caution. However, based on the analytical results, the data from this sample location does not appear to have been biased.

- **Duplicates.** EMFLUX® sample collectors are prepared with two cartridges for subsequent duplicate or confirmatory analysis. The laboratory director performed duplicate analysis for sample locations SGP-43 and SGP-52. A duplicate was performed for SGP-43 because a large detection of Methyl Disulfide (CAS No. 624-92-0) was identified on the original sample. Analysis of the duplicate sample also identified a large detection of Methyl Disulfide. This compound was not in the laboratory's calibration and cannot be quantified; therefore, it is not reported in either **Attachment 1** or **Table 1**. The collector from sample location SGP-52 was returned with four cartridges. All four cartridges were analyzed and the sample cartridge reporting the highest value of Trichloroethene (SGP-52-REP2) was reported in **Table 1** and on the compound distribution maps.

- **Survey findings** are relative exclusively to this project and should not routinely be compared with results of other EMFLUX® Surveys. *To establish a relationship between reported soil-gas concentrations and actual subsurface contaminant concentrations, which will indicate those measurements representing significant subsurface contamination, BEACON recommends the guidelines on the inside front cover of this report.*

- At the request of RMT, the following compound distribution maps have been provided:

Figure 2 — cis-1,2-Dichloroethene
Figure 3 — trans-1,2-Dichloroethene
Figure 4 — Trichloroethene

Close File

- The following Attachments are included:

  -1- Laboratory Report
  -2- EMFLUX® Field Procedures
  -3- Field Deployment Report
  -4- Laboratory Procedures
  -5- Adsorbent Recovery Factors
  -6- Chain-of-Custody Form

EM1392

Close File

Table 1

Estimated Soil Gas Concentrations (ng/L)

MTD Site
Westfield, MA
Analysis Completed: October 19, 2001

SAMPLE LOCATION		SGP-01	SGP-02	SGP-03	SGP-04	SGP-05
COMPOUNDS	Q.L.					
1,1-Dichloroethene	0.03	--	--	--	--	--
1,2-Dichloroethene (cis)	0.05	--	--	--	--	--
1,2-Dichloroethene (trans)	0.05	--	--	--	--	--
Trichloroethene	0.05	--	--	--	--	--

SAMPLE LOCATION		SGP-06	SGP-07	SGP-08	SGP-09	SGP-10
COMPOUNDS	Q.L.					
1,1-Dichloroethene	0.03	--	--	--	--	--
1,2-Dichloroethene (cis)	0.05	--	--	--	--	--
1,2-Dichloroethene (trans)	0.05	--	--	--	--	--
Trichloroethene	0.05	0.04 J	0.02 J	0.06	0.03 J	0.03 J

SAMPLE LOCATION		SGP-11	SGP-12	SGP-13	SGP-14	SGP-15
COMPOUNDS	Q.L.					
1,1-Dichloroethene	0.03	--	--	--	--	--
1,2-Dichloroethene (cis)	0.05	--	--	--	--	--
1,2-Dichloroethene (trans)	0.05	--	--	--	--	--
Trichloroethene	0.05	0.58	0.52	0.39	0.01 J	0.06

SAMPLE LOCATION		SGP-16	SGP-17	SGP-18	SGP-19	SGP-20
COMPOUNDS	Q.L.					
1,1-Dichloroethene	0.03	--	--	--	--	--
1,2-Dichloroethene (cis)	0.05	--	--	--	--	--
1,2-Dichloroethene (trans)	0.05	--	--	--	--	--
Trichloroethene	0.05	0.02 J	0.12	0.12	0.20	0.08

NOTES:
1) Values listed under "Q.L." are reported soil-gas concentration quantitation levels.
2) "--" denotes absence of detections above the laboratory's reported quantitation level.
3) "J" denotes estimated value below the laboratory's reported quantitation level.

Close File

Table 1
(continued)
Estimated Soil Gas Concentrations (ng/L)

MTD Site
Westfield, MA
Analysis Completed: October 19, 2001

SAMPLE LOCATION		SGP-21	SGP-22	SGP-23	SGP-24	SGP-25
COMPOUNDS	Q.L.					
1,1-Dichloroethene	0.03	--	--	--	--	--
1,2-Dichloroethene (cis)	0.05	--	--	--	--	--
1,2-Dichloroethene (trans)	0.05	--	--	--	--	--
Trichloroethene	0.05	0.22	--	--	--	--

SAMPLE LOCATION		SGP-26	SGP-27	SGP-28	SGP-29	SGP-30
COMPOUNDS	Q.L.					
1,1-Dichloroethene	0.03	--	--	--	--	--
1,2-Dichloroethene (cis)	0.05	--	--	--	--	--
1,2-Dichloroethene (trans)	0.05	--	--	--	--	--
Trichloroethene	0.05	--	--	0.03 J	--	--

SAMPLE LOCATION		SGP-31	SGP-32	SGP-33	SGP-34	SGP-35
COMPOUNDS	Q.L.					
1,1-Dichloroethene	0.03	--	--	--	--	--
1,2-Dichloroethene (cis)	0.05	--	--	--	--	--
1,2-Dichloroethene (trans)	0.05	--	--	--	--	--
Trichloroethene	0.05	--	--	--	0.01 J	0.19

SAMPLE LOCATION		SGP-36	SGP-37	SGP-38	SGP-39	SGP-40
COMPOUNDS	Q.L.					
1,1-Dichloroethene	0.03	--	--	--	--	0.02 J
1,2-Dichloroethene (cis)	0.05	--	0.01 J	0.01 J	0.01 J	0.20
1,2-Dichloroethene (trans)	0.05	--	--	0.01 J	--	0.09
Trichloroethene	0.05	0.65	0.86	2.22	0.84	6.79

NOTES:
1) Values listed under "Q.L." are reported soil-gas concentration quantitation levels.
2) "--" denotes absence of detections above the laboratory's reported quantitation level.
3) "J" denotes estimated value below the laboratory's reported quantitation level.

Close File

Table 1
(continued)
Estimated Soil Gas Concentrations (ng/L)

MTD Site
Westfield, MA
Analysis Completed: October 19, 2001

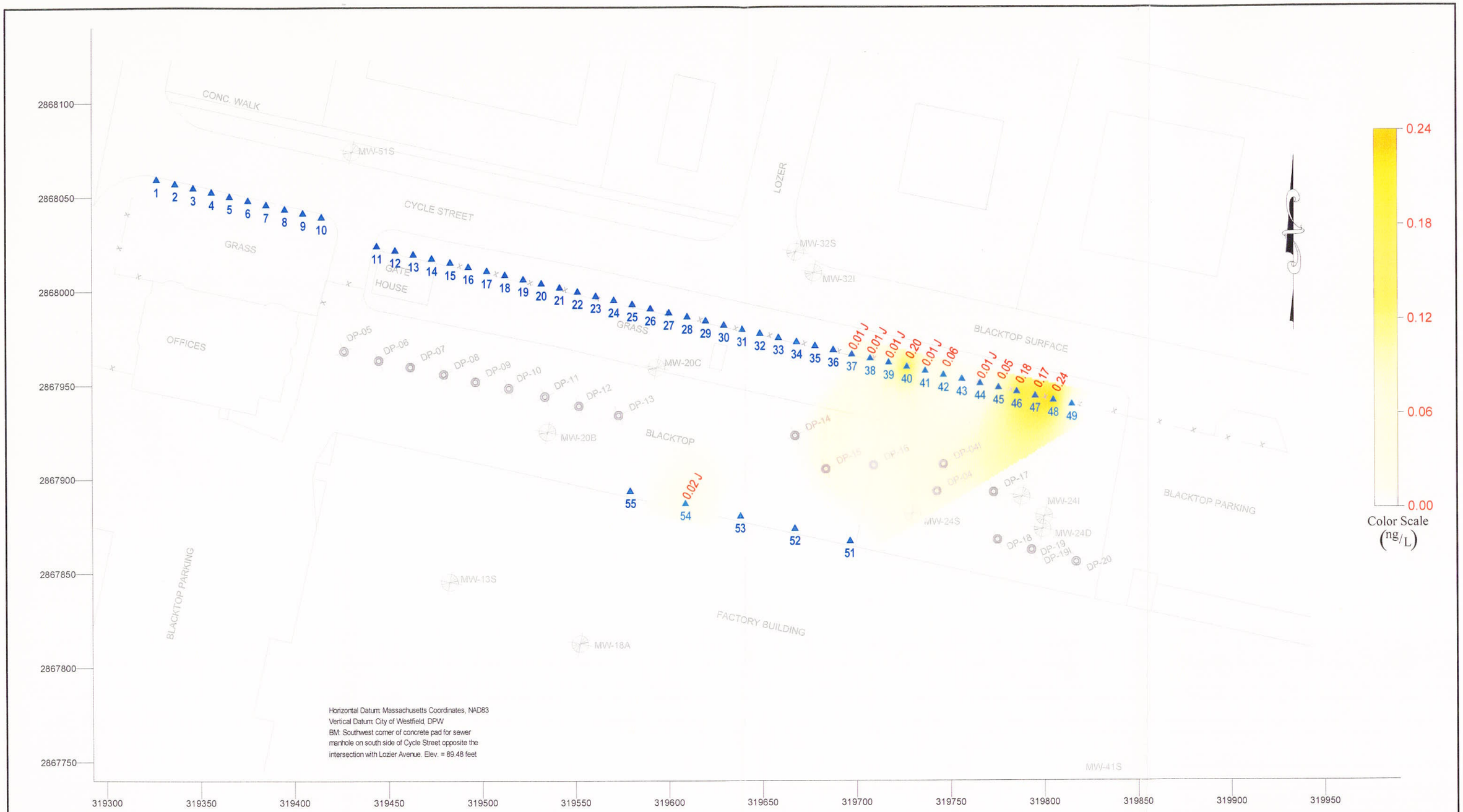
SAMPLE LOCATION		SGP-41	SGP-42	SGP-43	SGP-44	SGP-45
COMPOUNDS	Q.L.					
1,1-Dichloroethene	0.03	--	--	--	--	--
1,2-Dichloroethene (cis)	0.05	0.01 J	0.06	--	0.01 J	0.05
1,2-Dichloroethene (trans)	0.05	--	0.03 J	--	--	0.02 J
Trichloroethene	0.05	0.62	3.87	1.36	2.36	3.04

SAMPLE LOCATION		SGP-46	SGP-47	SGP-48	SGP-49	SGP-51
COMPOUNDS	Q.L.					
1,1-Dichloroethene	0.03	0.01 J	--	--	--	--
1,2-Dichloroethene (cis)	0.05	0.18	0.17	0.24	--	--
1,2-Dichloroethene (trans)	0.05	0.09	0.06	0.10	--	--
Trichloroethene	0.05	6.40	3.33	3.24	0.15	--

SAMPLE LOCATION		SGP-52	SGP-53	SGP-54	SGP-55
COMPOUNDS	Q.L.				
1,1-Dichloroethene	0.03	--	--	--	--
1,2-Dichloroethene (cis)	0.05	--	--	0.02 J	--
1,2-Dichloroethene (trans)	0.05	--	--	--	--
Trichloroethene	0.05	1.19	0.16	3.57	0.01 J

NOTES:
1) Values listed under "Q.L." are reported soil-gas concentration quantitation levels.
2) "--" denotes absence of detections above the laboratory's reported quantitation level.
3) "J" denotes estimated value below the laboratory's reported quantitation level.

Close File



Approximate Scale in Feet

0 50 100

0.01 J cis-1,2-DICHLOROETHENE (ng/L)

11 EMFLUX SOIL-GAS SAMPLE LOCATION

BEACON ENVIRONMENTAL SERVICES, INC.

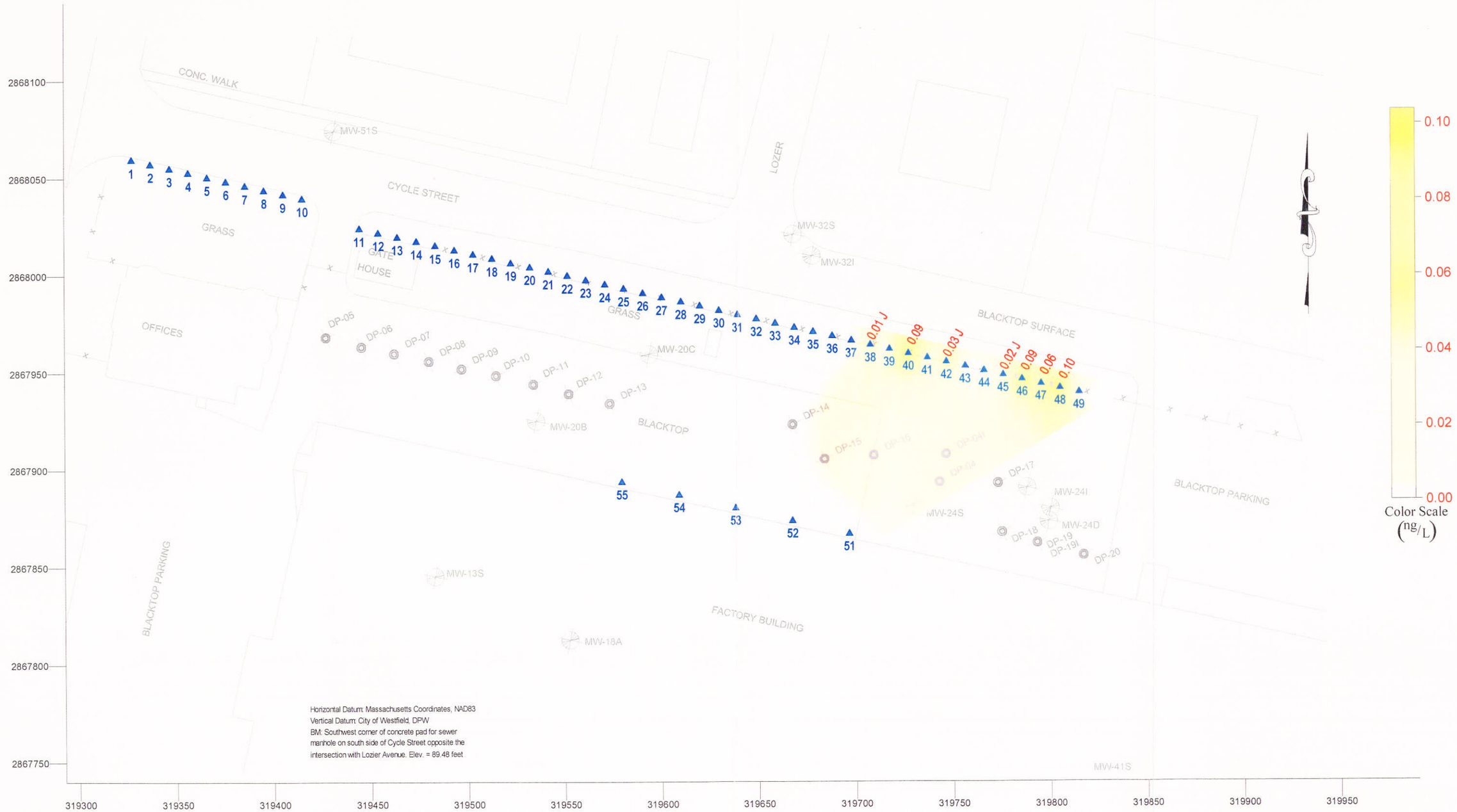
19 Newport Drive, Suite 102, Forest Hill, MD 21050, 800-878-5510

Beacon Project No. EM1392, November 2001

Figure 2
cis-1,2-Dichloroethene

MTD Site
Westfield, MA

Close File



Approximate Scale in Feet

0 50 100

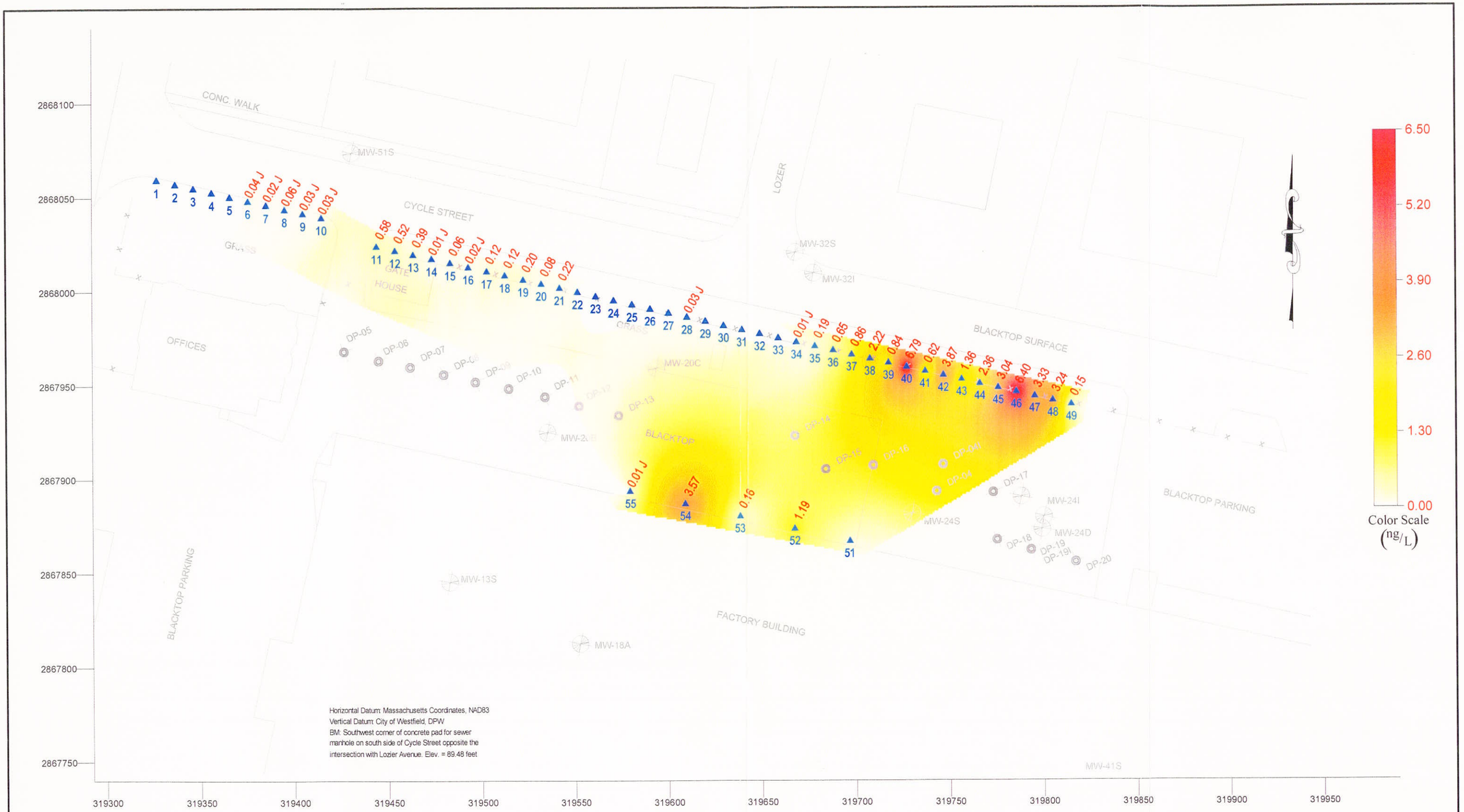
0.01 J
11 trans-1,2-DICHLOROETHENE (ng/L)
EMFLUX SOIL-GAS SAMPLE LOCATION

BEACON ENVIRONMENTAL SERVICES, INC.
19 Newport Drive, Suite 102, Forest Hill, MD 21050, 800-878-5510
Beacon Project No. EM1392, November 2001

Figure 3
trans-1,2-Dichloroethene

MTD Site
Westfield, MA

Close File



BEACON ENVIRONMENTAL SERVICES, INC.
19 Newport Drive, Suite 102, Forest Hill, MD 21050, 800-878-5510
Beacon Project No. EM1392, November 2001

Figure 4
Trichloroethene

MTD Site
Westfield, MA

Close File

Attachment 1

Laboratory Report

Close File

MARYLAND SPECTRAL SERVICES, INC.
1500 Caton Center Drive Baltimore, MD 21227

VOLATILE ORGANICS BY EPA GC/MS METHOD MODIFIED 8260

CLIENT SAMPLE ID:	SGP-01	SGP-02	SGP-03	SGP-04	SGP-05	SGP-06
	EM1392	EM1392	EM1392	EM1392	EM1392	EM1392
LAB SAMPLE ID:	011016101	011016102	011016103	011016104	011016105	011016106
RECEIVED DATE:	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01
ANALYSIS DATE:	10/17/01	10/17/01	10/17/01	10/17/01	10/17/01	10/17/01
FILE NAME:	1016101	1016102	1016103	1016104	1016105	1016106
INSTRUMENT ID:	MSD	MSD	MSD	MSD	MSD	MSD
UNITS:	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP
VOLATILE COMPOUNDS						
1,1-Dichloroethene	25 U	25 U	25 U	25 U	25 U	25 U
1,2-Dichloroethene (cis)	25 U	25 U	25 U	25 U	25 U	25 U
1,2-Dichloroethene (trans)	25 U	25 U	25 U	25 U	25 U	25 U
Trichloroethene	25 U	25 U	25 U	25 U	25 U	25 J
Vinyl Chloride	50 U	50 U	50 U	50 U	50 U	50 U

CLIENT SAMPLE ID:	SGP-07	SGP-08	SGP-09	SGP-10	SGP-11	SGP-12
	EM1392	EM1392	EM1392	EM1392	EM1392	EM1392
LAB SAMPLE ID:	011016107	011016108	011016109	011016110	011016111	011016112
RECEIVED DATE:	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01
ANALYSIS DATE:	10/17/01	10/17/01	10/17/01	10/17/01	10/17/01	10/17/01
FILE NAME:	1016107	1016108	1016109	1016110	1016111	1016112
INSTRUMENT ID:	MSD	MSD	MSD	MSD	MSD	MSD
UNITS:	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP
VOLATILE COMPOUNDS						
1,1-Dichloroethene	25 U	25 U	25 U	25 U	25 U	25 U
1,2-Dichloroethene (cis)	25 U	25 U	25 U	25 U	25 U	25 U
1,2-Dichloroethene (trans)	25 U	25 U	25 U	25 U	25 U	25 U
Trichloroethene	17 J	41	21 J	19 J	411	365
Vinyl Chloride	50 U	50 U	50 U	50 U	50 U	50 U

CLIENT SAMPLE ID:	SGP-13	SGP-14	SGP-15	SGP-16	SGP-17	SGP-18
	EM1392	EM1392	EM1392	EM1392	EM1392	EM1392
LAB SAMPLE ID:	011016113	011016114	011016115	011016116	011016117	011016118
RECEIVED DATE:	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01
ANALYSIS DATE:	10/17/01	10/17/01	10/17/01	10/17/01	10/17/01	10/17/01
FILE NAME:	1016113	1016114	1016115	1016116	1016117	1016118
INSTRUMENT ID:	MSD	MSD	MSD	MSD	MSD	MSD
UNITS:	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP
VOLATILE COMPOUNDS						
1,1-Dichloroethene	25 U	25 U	25 U	25 U	25 U	25 U
1,2-Dichloroethene (cis)	25 U	25 U	25 U	25 U	25 U	25 U
1,2-Dichloroethene (trans)	25 U	25 U	25 U	25 U	25 U	25 U
Trichloroethene	276	6.6 J	39	13 J	88	84
Vinyl Chloride	50 U	50 U	50 U	50 U	50 U	50 U

B - Detected in lab blank. U - Below reported quantitation level. J - Estimated value.

Close File

MARYLAND SPECTRAL SERVICES, INC.
1500 Caton Center Drive Baltimore, MD 21227

VOLATILE ORGANICS BY EPA GC/MS METHOD MODIFIED 8260

CLIENT SAMPLE ID:	SGP-19	SGP-20	SGP-21	SGP-22	SGP-23	SGP-24
	EM1392	EM1392	EM1392	EM1392	EM1392	EM1392
LAB SAMPLE ID:	011016119	011016120	011016121	011016122	011016123	011016124
RECEIVED DATE:	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01
ANALYSIS DATE:	10/17/01	10/17/01	10/17/01	10/17/01	10/17/01	10/17/01
FILE NAME:	1016119	1016120	1016121	1016122	1016123	1016124
INSTRUMENT ID:	MSD	MSD	MSD	MSD	MSD	MSD
UNITS:	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP
VOLATILE COMPOUNDS						
1,1-Dichloroethene	25 U	25 U	25 U	25 U	25 U	25 U
1,2-Dichloroethene (cis)	25 U	25 U	25 U	25 U	25 U	25 U
1,2-Dichloroethene (trans)	25 U	25 U	25 U	25 U	25 U	25 U
Trichloroethene	143	57	158	25 U	25 U	25 U
Vinyl Chloride	50 U	50 U	50 U	50 U	50 U	50 U

CLIENT SAMPLE ID:	SGP-25	SGP-26	SGP-27	SGP-28	SGP-29	SGP-30
	EM1392	EM1392	EM1392	EM1392	EM1392	EM1392
LAB SAMPLE ID:	011016125	011016126	011016127	011016128	011016129	011016130
RECEIVED DATE:	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01
ANALYSIS DATE:	10/17/01	10/17/01	10/17/01	10/17/01	10/17/01	10/17/01
FILE NAME:	1016125	1016126	1016127	1016128	1016129	1016130
INSTRUMENT ID:	MSD	MSD	MSD	MSD	MSD	MSD
UNITS:	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP
VOLATILE COMPOUNDS						
1,1-Dichloroethene	25 U	25 U	25 U	25 U	25 U	25 U
1,2-Dichloroethene (cis)	25 U	25 U	25 U	25 U	25 U	25 U
1,2-Dichloroethene (trans)	25 U	25 U	25 U	25 U	25 U	25 U
Trichloroethene	25 U	25 U	25 U	19 J	25 U	25 U
Vinyl Chloride	50 U	50 U	50 U	50 U	50 U	50 U

CLIENT SAMPLE ID:	SGP-31	SGP-32	SGP-33	SGP-34	SGP-35	SGP-36
	EM1392	EM1392	EM1392	EM1392	EM1392	EM1392
LAB SAMPLE ID:	011016131	011016132	011016133	011016134	011016135	011016136
RECEIVED DATE:	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01
ANALYSIS DATE:	10/18/01	10/18/01	10/18/01	10/18/01	10/18/01	10/18/01
FILE NAME:	1016131	1016132	1016133	1016134	1016135	1016136
INSTRUMENT ID:	MSD	MSD	MSD	MSD	MSD	MSD
UNITS:	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP
VOLATILE COMPOUNDS						
1,1-Dichloroethene	25 U	25 U	25 U	25 U	25 U	25 U
1,2-Dichloroethene (cis)	25 U	25 U	25 U	25 U	25 U	25 U
1,2-Dichloroethene (trans)	25 U	25 U	25 U	25 U	25 U	25 U
Trichloroethene	25 U	25 U	25 U	7.0 J	137	463
Vinyl Chloride	50 U	50 U	50 U	50 U	50 U	50 U

B - Detected in lab blank. U - Below reported quantitation level. J - Estimated value.

Close File

MARYLAND SPECTRAL SERVICES, INC.
1500 Caton Center Drive Baltimore, MD 21227

VOLATILE ORGANICS BY EPA GC/MS METHOD MODIFIED 8260

CLIENT SAMPLE ID:	SGP-37	SGP-38	SGP-39	SGP-40	SGP-41	SGP-42
	EM1392	EM1392	EM1392	EM1392	EM1392	EM1392
LAB SAMPLE ID:	011016137	011016138	011016139	011016140	011016141	011016142
RECEIVED DATE:	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01
ANALYSIS DATE:	10/18/01	10/18/01	10/18/01	10/18/01	10/18/01	10/18/01
FILE NAME:	1016137	1016138	1016139	1016140	1016141	1016142
INSTRUMENT ID:	MSD	MSD	MSD	MSD	MSD	MSD
UNITS:	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP
VOLATILE COMPOUNDS						
1,1-Dichloroethene	25 U	25 U	25 U	19 J	25 U	25 U
1,2-Dichloroethene (cis)	8.5 J	9.3 J	6.1 J	134	7.4 J	42
1,2-Dichloroethene (trans)	25 U	5.1 J	25 U	57	25 U	17 J
Trichloroethene	615	1580	555	4490	411	2560
Vinyl Chloride	50 U	50 U	50 U	50 U	50 U	50 U

CLIENT SAMPLE ID:	SGP-43	SGP-43-REP	SGP-44	SGP-45	SGP-46	SGP-47
	EM1392	EM1392	EM1392	EM1392	EM1392	EM1392
LAB SAMPLE ID:	011016143	011016143	011016144	011016145	011016146	011016147
RECEIVED DATE:	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01
ANALYSIS DATE:	10/18/01	10/19/01	10/18/01	10/18/01	10/18/01	10/18/01
FILE NAME:	1016143	1016143R	1016144	1016145	1016146	1016147
INSTRUMENT ID:	MSD	MSD	MSD	MSD	MSD	MSD
UNITS:	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP
VOLATILE COMPOUNDS						
1,1-Dichloroethene	25 U	25 U	25 U	25 U	9.4 J	25 U
1,2-Dichloroethene (cis)	25 U	25 U	8.3 J	32	123	115
1,2-Dichloroethene (trans)	25 U	25 U	25 U	13 J	53	38
Trichloroethene	900	525	1560	2010	4230	2200
Vinyl Chloride	50 U	50 U	50 U	50 U	50 U	50 U

CLIENT SAMPLE ID:	SGP-48	SGP-49	SGP-51	SGP-52	SGP-52-REP1	SGP-52-REP2
	EM1392	EM1392	EM1392	EM1392	EM1392	EM1392
LAB SAMPLE ID:	011016148	011016149	011016151	011016152	011016152	011016152
RECEIVED DATE:	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01
ANALYSIS DATE:	10/18/01	10/18/01	10/18/01	10/18/01	10/18/01	10/19/01
FILE NAME:	1016148	1016149	1016151	1016152	1016152R	1016152RR
INSTRUMENT ID:	MSD	MSD	MSD	MSD	MSD	MSD
UNITS:	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP
VOLATILE COMPOUNDS						
1,1-Dichloroethene	25 U	25 U	25 U	25 U	25 U	25 U
1,2-Dichloroethene (cis)	163	25 U	25 U	25 U	25 U	25 U
1,2-Dichloroethene (trans)	62	25 U	25 U	25 U	25 U	25 U
Trichloroethene	2140	99	25 U	7.6 J	13 J	780
Vinyl Chloride	50 U	50 U	50 U	50 U	50 U	50 U

B - Detected in lab blank. U - Below reported quantitation level. J - Estimated value.

Close File

MARYLAND SPECTRAL SERVICES, INC.
1500 Caton Center Drive Baltimore, MD 21227

VOLATILE ORGANICS BY EPA GC/MS METHOD MODIFIED 8260

CLIENT SAMPLE ID:	SGP-52-REP3	SGP-53	SGP-54	SGP-55	TRIP-1	TRIP-2
	EM1392	EM1392	EM1392	EM1392	EM1392	EM1392
LAB SAMPLE ID:	011016152	011016153	011016154	011016155	011016156	011016157
RECEIVED DATE:	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01	10/16/01
ANALYSIS DATE:	10/19/01	10/18/01	10/18/01	10/18/01	10/17/01	10/17/01
FILE NAME:	1016152RRR	1016153	1016154	1016155	1016156	1016157
INSTRUMENT ID:	MSD	MSD	MSD	MSD	MSD	MSD
UNITS:	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP	NG/TRAP
VOLATILE COMPOUNDS						
1,1-Dichloroethene	25 U	25 U	25 U	25 U	25 U	25 U
1,2-Dichloroethene (cis)	25 U	25 U	13 J	25 U	25 U	25 U
1,2-Dichloroethene (trans)	25 U	25 U	25 U	25 U	25 U	25 U
Trichloroethene	317	103	2350	9.4 J	25 U	25 U
Vinyl Chloride	50 U	50 U	50 U	50 U	50 U	50 U

CLIENT SAMPLE ID:	VBLK1018D2
LAB SAMPLE ID:	METHOD BL.
RECEIVED DATE:	
ANALYSIS DATE:	10/18/01
FILE NAME:	1018VBLKD2
INSTRUMENT ID:	MSD
UNITS:	NG/TRAP
VOLATILE COMPOUNDS	
1,1-Dichloroethene	25 U
1,2-Dichloroethene (cis)	25 U
1,2-Dichloroethene (trans)	25 U
Trichloroethene	25 U
Vinyl Chloride	50 U

B - Detected in lab blank. U - Below reported quantitation level. J - Estimated value.

Close File

Attachment 2

FIELD PROCEDURES FOR EMFLUX® SOIL-GAS SURVEYS

The following field procedures are routinely used during EMFLUX® Soil-Gas Surveys. Modifications can be and are incorporated from time to time in response to individual project requirements. In all instances, BEACON adheres to EPA-approved Quality Assurance and Quality Control practices.

A. Field personnel carry EMFLUX® system components and support equipment to the site and deploy the EMFLUX® Collectors in a prearranged survey pattern. An EMFLUX® Collector consists of a glass vial containing hydrophobic adsorbent cartridges with a length of wire attached to the vial for retrieval. Although EMFLUX® Collectors require only one person for emplacement and retrieval, the specific number of field personnel required depends upon the scope and schedule of the project. Each Collector emplacement generally takes less than two minutes.

B. For those sample locations covered with soils or vegetation, a field technician clears vegetation and debris exposing the ground surface. Using a hammer and a ¾"-diameter pointed metal stake, the technician creates a hole approximately three inches deep. For those locations covered with an asphalt or concrete cap, the field technician drills a 1½"-diameter hole through the cap to the soils beneath. (If necessary, the Collector can be sleeved with a ¾" i.d. copper pipe for either capped or uncapped locations).

C. The technician then removes the solid plastic cap from an EMFLUX® Collector and replaces it with a Sampling Cap (a plastic cap with a hole covered by screen meshing). The technician inserts the Collector, with the Sampling Cap end facing down, into the hole (**see attached figure**). The Collector is then covered with either local soils for uncapped locations or, for capped locations, aluminum foil and a concrete patch. The Collector's location, time and date of emplacement, and other relevant information are recorded on the Field Deployment Form.

D. One or more trip blanks are included as part of the quality-control procedures.

E. Once all EMFLUX® Collectors have been deployed, field personnel schedule Collector recovery (typically 72 hours after emplacement) and depart, taking all no-longer-needed equipment and materials with them.

F. Field personnel retrieve the Collectors at the end of the exposure period. At each location, a field technician withdraws the Collector from its hole, removes the retrieval wire, and wipes the outside of the vial clean using gauze cloth; following removal of the Sampling Cap, the threads of the vial are also cleaned. A solid plastic cap is screwed onto the vial and the sample location number is written on the label. The technician then records sample-point location, date, time, etc. on the Field Deployment Form.

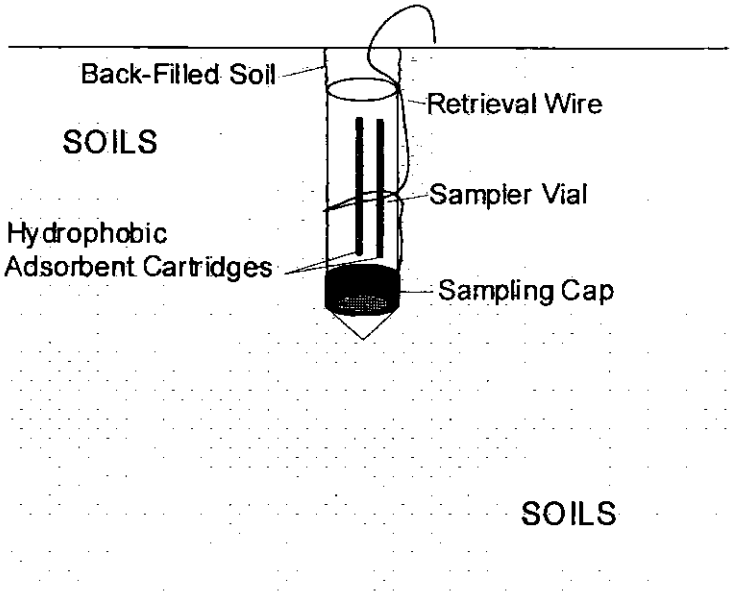
G. Sampling holes are refilled with soil, sand, or other suitable material. If Collectors have been installed through asphalt or concrete, the hole is filled to grade with a plug of cold patch or cement.

H. Following retrieval, field personnel ship or carry the EMFLUX® Collectors to the analytical laboratory.

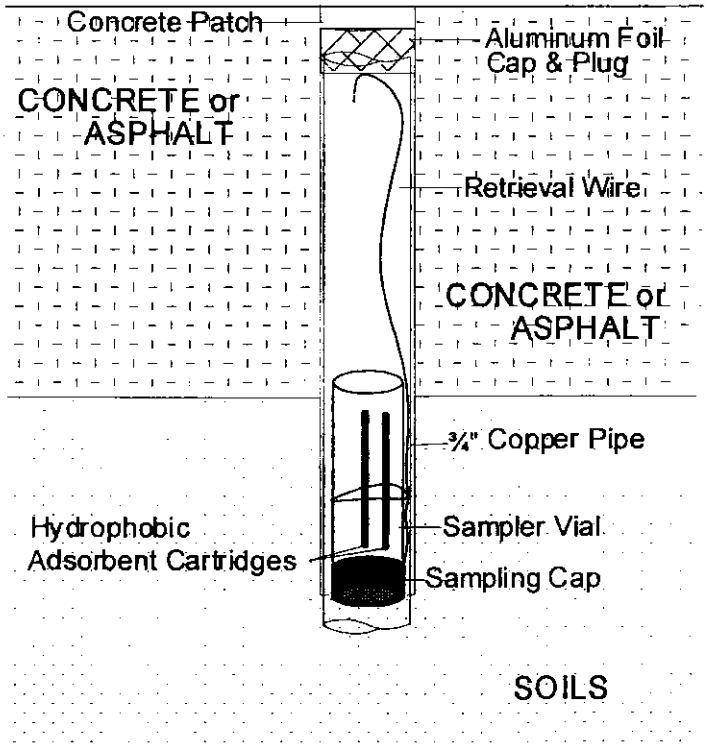
Close File

EMFLUX® COLLECTOR

DEPLOYMENT IN SOILS



DEPLOYMENT THROUGH CONCRETE OR ASPHALT



Close File

Attachment 3

Field Deployment Report

BEACON ENVIRONMENTAL SERVICES, INC.
EMFLUX® SOIL-GAS SURVEY
FIELD DEPLOYMENT REPORT

PROJECT #: EM1392	CLIENT: RMT, Inc.	SITE: MTD Site, Westfield, MA

INDIVIDUAL SAMPLE INFORMATION

EMPLACEMENT DATE: 10·3·01 RETRIEVAL DATE: 10/5/01

SAMPLE NUMBER	TIME		FIELD NOTES (e.g., asphalt/concrete covering, description of sample location, cartridge/vial condition)
	Emplaced	Retrieved	
SGP-01	1420	1113	infront of the office Bldg.
02	1422	1115	01 starting @ the Right side facing the
03	1424	1118	Bldg ~~in~~ the grass Area
04	1427	1121	
05	1430	1122	
06	1433	1124	
07	1435	1127	
08	1437	1130	
09	1440	1134	
10	1443	1139	

Close File

SAMPLE NUMBER	TIME		FIELD NOTES (e.g., asphalt/concrete covering, description of sample location, cartridge/vial condition)
	Emplaced	Retrieved	
SGP-11	1503	1140	Inside of the Fence on Cycle street, facing cycle
12	1504	1144	street samples @ the Left Side of the
13	1505	1149	Guard House
14	1506	1152	
15	1507	1155	
16	1508	1335	
17	1508	1337	
18	1509	1340	
19	1510	1342	
20	1511	1345	
21	1512	1348	
22	1514	1351	
23	1516	1353	
24	1518	1355	
25	1520	1358	
26	1522	1400	
27	1523	1405	
28	1525	1406	

9806 HWL

Close File

SAMPLE NUMBER	TIME Date · 10.3.11 Emplaced	Retrieved	FIELD NOTES (e.g., asphalt/concrete covering, description of sample location, cartridge/vial condition)
SGP-29	1527	1408	
30	1530	1410	
31	1531	1411	
32	1535	1412	
33	1537	1414	
34	1540	1416	
35	1545	1418	
36	1547	1420	
37	1550	1423	
38	1553	1426	

SAMPLE NUMBER	TIME DATE · 10.4.01 Emplaced	Retrieved	FIELD NOTES (e.g., asphalt/concrete covering, description of sample location, cartridge/vial condition)
SGP·39	1212	1428	
40	1217	1430	
41	1220	1432	
42	1225	1434	
43	1230	1436	
44	1235	1438	
45	1240	1440	
46	1245	1442	
47	1250	1444	
48	1255	1446	
49	1300	1448	
50	1400	—	Grass in front of BLDG #1, between BLDG and Cycle 1 foot from BLDG
51	1405	1448	Asphalt in front of BLDG #1, ~1 foot from bldg
52	1410	1449	" , ~5 feet from BLDG
53	1415	1500	" , ~1 foot from BLDG
54	1420	1502	" , "
55	1425	1504	" , *NO ABSORBENT CART. IN TUBE

Close File

Attachment 4

LABORATORY PROCEDURES FOR EMFLUX® ADSORBENT CARTRIDGES

Following are laboratory procedures used with the EMFLUX® Soil-Gas System, a screening technology for expedited site investigation. After exposure, EMFLUX® cartridges are analyzed using U.S. EPA Method 8260 as described in the Solid Waste Manual (SW-846), a purge-and-trap capillary gas chromatographic/mass spectrometric method, modified to accommodate high temperature thermal desorption of the adsorbent cartridges. This procedure is summarized as follows:

A. The adsorbent cartridges are thermally desorbed at 225°C for 11 minutes in a 40 mL/min helium flow, through 5 mL of reagent water spiked with 250 ng of internal standards and surrogates held in the sparging vessel. Any analytes in the helium stream are adsorbed onto a standard three-component trap (Tenax, silica gel, coconut charcoal).

B. Following cryofocusing, the three-component trap is thermally desorbed at 220°C onto a Supelco VOCOL 105 m, 0.5 mm ID, 3.00 micron filament thickness capillary column, per the U.S. EPA CLP Statement of Work (SOW) for the method.

C. Following the SOW, the GC/MS is scanned between 35 and 260 Atomic Mass Units (AMU) at one second per scan.

D. BFB tuning criteria and initial calibration are per the EPA CLP 2/88 guidelines, with an 18-hour tune window. A laboratory blank is analyzed after the daily standard to determine that the system is contaminant-free.

E. The instrumentation used for these analyses includes:

- Finnigan Model OWA 1050 Gas Chromatograph/Mass Spectrometer;
- Tekmar Model 6016 Aero Trap Autosampler;
- Tekmar Model LSC 2000 Liquid Sample Concentrator; and
- Tekmar Model ALS 2016 Autosampler.

Close File

Attachment 5

ADSORBENT RECOVERY FACTORS

BEACON maintains an ongoing laboratory-based program to quantify recovery factors for the adsorbents used in EMFLUX® field collection devices. This program is designed to determine adsorbent affinity (a combination of attraction and retention characteristics) for a broad spectrum of compounds, including each of the VOCs targeted in this survey. The adsorbent with the highest overall affinity for the targeted VOCs was utilized for this survey, and the recovery factors of those compounds that were detected are as follows:

Compound	Percent Recovered
1,1-Dichloroethene	95
cis-1,2-Dichloroethene	71
trans-1,2-Dichloroethene	63
Trichloroethene	69

Close File

Attachment 6

Chain-of-Custody Form

Close File

BEACON ENVIRONMENTAL SERVICES, INC.
CHAIN-OF-CUSTODY FORM

PROJECT NUMBER: **EM1392** | SITE: MTD Site, Westfield, MA (RMT Project No. 998.58)

CLIENT: RMT, Inc.

TARGET COMPOUNDS: TCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCE; Vinyl Chloride

Sample Number	Lab ID No. (for lab use only)	Remarks (only necessary if problem or discrepancy) Condition of sample or vial	Date	Time	Init.
SGP - 01	01 1916 - 101		10/15/01	1113	CK
02	102			1115	CK
03	103			1118	CK
04	104			1121	CK
05	105			1122	CK
06	106			1124	CK
07	107			1127	CK
08	108			1130	CK
09	109			1134	CK
10	110			1139	CK
11	111			1140	CK
12	112			1144	CK
13	113			1149	CK
14	114			1152	CK
15	115			1155	CK
16	116	VIAL Broken 10/16		1335	CK
17	117			1337	CK
18	118			1340	CK
19	119			1342	CK
20	120			1345	CK
21	121			1348	CK
22	122			1351	CK
23	123			1353	CK
24	124			1355	CK
25	125			1358	CK
26	126			1400	CK
27	127			1405	CK
28	128			1406	CK
29	129			1408	CK
30	130		10/15/01	1410	CK

RELINQUISHED BY Signature	Printed Name	DATE	TIME	RECEIVED BY Signature	Printed Name
Ryan Schneider	Ryan Schneider	9-21-01	2000	Fedex	Fedex
Fedex	Fedex				
Chris Kline	Chris Kline	10/15/01	1516		
Fed Express		10/16/01	1100	[illegible]	SHANNON

Shipment to site: **Custody Seal #** 00029559 Shipment to Laboratory **Custody Seal #** 00029560

Close File

BEACON ENVIRONMENTAL SERVICES, INC.
CHAIN-OF-CUSTODY FORM

PROJECT NUMBER: **EM1392** | SITE: MTD Site, Westfield, MA (RMT Project No. 998.58)

CLIENT: RMT, Inc.

TARGET COMPOUNDS: TCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCE; Vinyl Chloride

Sample Number	Lab ID No. (for lab use only)	Remarks (only necessary if problem or discrepancy) Condition of sample or vial	Date	Time	Init.
SGP - 31	011016 131		10/15/01	1411	CR
32	132			1412	CR
33	133			1414	CR
34	134			1416	CR
35	135			1418	CR
36	136			1420	CR
37	137			1423	CR
38	138			1426	CR
39	139			1428	CR
40	140			1430	CR
41	141			1432	CR
42	142			1434	CR
43	143			1436	CR
44	144			1438	CR
45	145			1440	CR
46	146			1442	CR
47	147			1444	CR
48	148			1446	CR
49	149	NO CARTRIDGE		1448	CR
SGP - 50	150	Grass infront of BLDG #1		—	CR
SGP - 51	151	Asphalt infront of BLDG #1		1448	CR
SGP - 52	152	"		1449	CR
SGP - 53	153	4 " CARTRIDGES		1500	CR
SGP - 54	154	"		1502	CR
SGP - 55	155	"	10/15/01	1504	CR
TRIP 1	156				
TRIP 2	157				

RELINQUISHED BY Signature	RELINQUISHED BY Printed Name	DATE	TIME	RECEIVED BY Signature	RECEIVED BY Printed Name
Ryan Schneider	Ryan Schneider	9-21-01	2000	Fedex	Fedex
Fedex	Fedex				
Chris Kline	Chris Kline	10/15/01	1516		
Fed Express		10/16/01	1100	[illegible]	SHAMM

Shipment to site: **Custody Seal #** 00029559 Shipment to Laboratory **Custody Seal #** 00029560

CUSTODY SEAL INTACT [illegible] 10/16/01

Close File

Close File

VERTICAL GRADIENT

PROJECT/CLIENT: MTD-Westfield, Mass
PROJECT NO.: 998.62
WELL PAIR: MW-04S/MW-04I
DATE: 11/14/2001
BY: BEC

DATA INPUTS	Shallow Well	Deep Well
Ground Surface Elevation:	87.70	87.80
Depth to the bottom of the bentonite seal:	4.50	21.00
Elevation of the bottom of the bentonite seal:(E1)	83.20	66.80
Depth to the bottom of the well screen:	16.50	33.00
Elevation of the bottom of the well screen:(E2)	71.20	54.80
Water table elevation:(E3)	80.90	76.28

SHALLOW WELL		DEEP WELL	
E1 or E3	80.90	E1 or E3	66.80
E2	71.20	E2	54.80
E3	80.90	E3	76.28

where:

E1 = Elevation of the bottom of the bentonite seal
E2 = Elevation of the bottom of the well screen
E3 = Water table elevation

THE VERTICAL GRADIENT IS -0.303

Close File

VERTICAL GRADIENT

PROJECT/CLIENT: MTD-Westfield, Mass
PROJECT NO.: 998.62
WELL PAIR: MW-04I/MW-04D
DATE: 11/14/2001
BY: BEC

DATA INPUTS	Shallow Well	Deep Well
Ground Surface Elevation:	87.80	87.80
Depth to the bottom of the bentonite seal:	21.00	58.00
Elevation of the bottom of the bentonite seal:(E1)	66.80	29.80
Depth to the bottom of the well screen:	33.00	70.00
Elevation of the bottom of the well screen:(E2)	54.80	17.80
Water table elevation:(E3)	76.28	72.12

SHALLOW WELL		DEEP WELL	
E1 or E3	66.80	E1 or E3	29.80
E2	54.80	E2	17.80
E3	76.28	E3	72.12

where:

E1 = Elevation of the bottom of the bentonite seal
E2 = Elevation of the bottom of the well screen
E3 = Water table elevation

THE VERTICAL GRADIENT IS **-0.112**

Close File

VERTICAL GRADIENT

PROJECT/CLIENT: MTD-Westfield, Mass
PROJECT NO.: 998.62
WELL PAIR: MW-14S/MW-14I
DATE: 11/14/2001
BY: BEC

DATA INPUTS	Shallow Well	Deep Well
Ground Surface Elevation:	85.80	85.80
Depth to the bottom of the bentonite seal:	3.00	12.00
Elevation of the bottom of the bentonite seal:(E1)	82.80	73.80
Depth to the bottom of the well screen:	14.00	24.00
Elevation of the bottom of the well screen:(E2)	71.80	61.80
Water table elevation:(E3)	80.54	80.30

SHALLOW WELL		DEEP WELL	
E1 or E3	80.54	E1 or E3	73.80
E2	71.80	E2	61.80
E3	80.54	E3	80.30

where:

E1 = Elevation of the bottom of the bentonite seal
E2 = Elevation of the bottom of the well screen
E3 = Water table elevation

THE VERTICAL GRADIENT IS **-0.029**

Close File

VERTICAL GRADIENT

PROJECT/CLIENT: MTD-Westfield, Mass
PROJECT NO.: 998.62
WELL PAIR: MW-14I/MW-14ID
DATE: 11/14/2001
BY: BEC

DATA INPUTS	Shallow Well	Deep Well
Ground Surface Elevation:	85.80	86.32
Depth to the bottom of the bentonite seal:	12.00	37.00
Elevation of the bottom of the bentonite seal:(E1)	73.80	49.32
Depth to the bottom of the well screen:	24.00	49.82
Elevation of the bottom of the well screen:(E2)	61.80	36.50
Water table elevation:(E3)	80.30	69.70

SHALLOW WELL		DEEP WELL	
E1 or E3	73.80	E1 or E3	49.32
E2	61.80	E2	36.50
E3	80.30	E3	69.70

where:

E1 = Elevation of the bottom of the bentonite seal
E2 = Elevation of the bottom of the well screen
E3 = Water table elevation

THE VERTICAL GRADIENT IS -0.426

Close File

VERTICAL GRADIENT

PROJECT/CLIENT: MTD-Westfield, Mass
PROJECT NO.: 998.62
WELL PAIR: MW-14ID/MW-14D
DATE: 11/14/2001
BY: BEC

DATA INPUTS	Shallow Well	Deep Well
Ground Surface Elevation:	86.32	85.80
Depth to the bottom of the bentonite seal:	37.00	58.00
Elevation of the bottom of the bentonite seal:(E1)	49.32	27.80
Depth to the bottom of the well screen:	49.82	70.00
Elevation of the bottom of the well screen:(E2)	36.50	15.80
Water table elevation:(E3)	69.70	73.06

SHALLOW WELL		DEEP WELL	
E1 or E3	49.32	E1 or E3	27.80
E2	36.50	E2	15.80
E3	69.70	E3	73.06

where:

E1 = Elevation of the bottom of the bentonite seal
E2 = Elevation of the bottom of the well screen
E3 = Water table elevation

THE VERTICAL GRADIENT IS 0.159

Close File

MW-24S

VERTICAL GRADIENT

PROJECT/CLIENT: MTD-Westfield, Mass
PROJECT NO.: 998.62
WELL PAIR: MW-24S/MW-24I
DATE: 11/14/2001
BY: BEC

DATA INPUTS	Shallow Well	Deep Well
Ground Surface Elevation:	87.80	87.20
Depth to the bottom of the bentonite seal:	15.00	28.00
Elevation of the bottom of the bentonite seal:(E1)	72.80	59.20
Depth to the bottom of the well screen:	27.00	40.00
Elevation of the bottom of the well screen:(E2)	60.80	47.20
Water table elevation:(E3)	78.59	75.32

SHALLOW WELL		DEEP WELL	
E1 or E3	72.80	E1 or E3	59.20
E2	60.80	E2	47.20
E3	78.59	E3	75.32

where:

E1 = Elevation of the bottom of the bentonite seal
E2 = Elevation of the bottom of the well screen
E3 = Water table elevation

THE VERTICAL GRADIENT IS **-0.240**

Close File

VERTICAL GRADIENT

PROJECT/CLIENT: MTD-Westfield, Mass
PROJECT NO.: 998.62
WELL PAIR: MW-24I/MW-24ID
DATE: 11/14/2001
BY: BEC

DATA INPUTS	Shallow Well	Deep Well
Ground Surface Elevation:	87.20	87.35
Depth to the bottom of the bentonite seal:	28.00	42.00
Elevation of the bottom of the bentonite seal:(E1)	59.20	45.35
Depth to the bottom of the well screen:	40.00	54.26
Elevation of the bottom of the well screen:(E2)	47.20	33.09
Water table elevation:(E3)	75.32	69.59

SHALLOW WELL		DEEP WELL	
E1 or E3	59.20	E1 or E3	45.35
E2	47.20	E2	33.09
E3	75.32	E3	69.59

where:

E1 = Elevation of the bottom of the bentonite seal
E2 = Elevation of the bottom of the well screen
E3 = Water table elevation

THE VERTICAL GRADIENT IS -0.410

Close File

MW-24ID

VERTICAL GRADIENT

PROJECT/CLIENT: MTD-Westfield, Mass
PROJECT NO.: 998.62
WELL PAIR: MW-24ID/MW-24D
DATE: 11/14/2001
BY: BEC

DATA INPUTS	Shallow Well	Deep Well
Ground Surface Elevation:	87.35	87.30
Depth to the bottom of the bentonite seal:	42.00	58.00
Elevation of the bottom of the bentonite seal:(E1)	45.35	29.30
Depth to the bottom of the well screen:	54.26	70.00
Elevation of the bottom of the well screen:(E2)	33.09	17.30
Water table elevation:(E3)	69.59	69.27

SHALLOW WELL		DEEP WELL	
E1 or E3	45.35	E1 or E3	29.30
E2	33.09	E2	17.30
E3	69.59	E3	69.27

where:

E1 = Elevation of the bottom of the bentonite seal
E2 = Elevation of the bottom of the well screen
E3 = Water table elevation

THE VERTICAL GRADIENT IS -0.020

Close File

MW-25S

VERTICAL GRADIENT

PROJECT/CLIENT: MTD-Westfield, Mass
PROJECT NO.: 998.62
WELL PAIR: MW-25S/MW-25I
DATE: 11/14/2001
BY: BEC

DATA INPUTS	Shallow Well	Deep Well
Ground Surface Elevation:	91.70	92.10
Depth to the bottom of the bentonite seal:	1.00	60.00
Elevation of the bottom of the bentonite seal:(E1)	90.70	32.10
Depth to the bottom of the well screen:	12.00	72.00
Elevation of the bottom of the well screen:(E2)	79.70	20.10
Water table elevation:(E3)	83.37	68.50

SHALLOW WELL		DEEP WELL	
E1 or E3	83.37	E1 or E3	32.10
E2	79.70	E2	20.10
E3	83.37	E3	68.50

where:

E1 = Elevation of the bottom of the bentonite seal
E2 = Elevation of the bottom of the well screen
E3 = Water table elevation

THE VERTICAL GRADIENT IS -0.268

Close File

MW-29S

VERTICAL GRADIENT

PROJECT/CLIENT: MTD-Westfield, Mass
PROJECT NO.: 998.62
WELL PAIR: MW-29S/MW-29I
DATE: 11/14/2001
BY: BEC

DATA INPUTS	Shallow Well	Deep Well
Ground Surface Elevation:	85.40	85.40
Depth to the bottom of the bentonite seal:	8.00	28.00
Elevation of the bottom of the bentonite seal:(E1)	77.40	57.40
Depth to the bottom of the well screen:	20.00	40.00
Elevation of the bottom of the well screen:(E2)	65.40	45.40
Water table elevation:(E3)	69.94	69.92

SHALLOW WELL		DEEP WELL	
E1 or E3	69.94	E1 or E3	57.40
E2	65.40	E2	45.40
E3	69.94	E3	69.92

where:

E1 = Elevation of the bottom of the bentonite seal
E2 = Elevation of the bottom of the well screen
E3 = Water table elevation

THE VERTICAL GRADIENT IS -0.001

Close File

MW-40S

VERTICAL GRADIENT

PROJECT/CLIENT: MTD-Westfield, Mass
PROJECT NO.: 998.62
WELL PAIR: MW-40S/MW-40I
DATE: 11/14/2001
BY: BEC

DATA INPUTS	Shallow Well	Deep Well
Ground Surface Elevation:	84.23	83.62
Depth to the bottom of the bentonite seal:	3.50	27.60
Elevation of the bottom of the bentonite seal:(E1)	80.73	56.02
Depth to the bottom of the well screen:	15.50	39.60
Elevation of the bottom of the well screen:(E2)	68.73	44.02
Water table elevation:(E3)	74.83	70.85

SHALLOW WELL		DEEP WELL	
E1 or E3	74.83	E1 or E3	56.02
E2	68.73	E2	44.02
E3	74.83	E3	70.85

where:

E1 = Elevation of the bottom of the bentonite seal
E2 = Elevation of the bottom of the well screen
E3 = Water table elevation

THE VERTICAL GRADIENT IS **-0.183**

Close File

VERTICAL GRADIENT

PROJECT/CLIENT: MTD-Westfield, Mass
PROJECT NO.: 998.62
WELL PAIR: MW-48S/MW-48I
DATE: 11/14/2001
BY: BEC

DATA INPUTS	Shallow Well	Deep Well
Ground Surface Elevation:	91.18	91.28
Depth to the bottom of the bentonite seal:	11.18	27.29
Elevation of the bottom of the bentonite seal:(E1)	80.00	63.99
Depth to the bottom of the well screen:	23.18	29.29
Elevation of the bottom of the well screen:(E2)	68.00	61.99
Water table elevation:(E3)	73.17	72.92

SHALLOW WELL		DEEP WELL	
E1 or E3	73.17	E1 or E3	63.99
E2	68.00	E2	61.99
E3	73.17	E3	72.92

where:

E1 = Elevation of the bottom of the bentonite seal
E2 = Elevation of the bottom of the well screen
E3 = Water table elevation

THE VERTICAL GRADIENT IS **-0.033**

Close File

Appendix B
Technical Memorandum Entitled Summary of Light Nonaqueous-phase Liquid (LNAPL) Assessment and Source Area Investigation Results Dated August 12, 2002

Close File

Technical Memorandum

Date: August 12, 2002

To: Ed Waddles

cc: David Harrington, MTD Project Team

From: Barry Culp, Mark Miesfeldt

Project No.: 00-00998.72

Subject: Summary of Light Non-aqueous Phase Liquid (LNAPL) Assessment and Source Area Investigation Results at the Columbia Manufacturing Facility (Site), Located in Westfield, Massachusetts.

The following discussion presents the significant findings resulting from the LNAPL assessment and source area investigation at the Site located in Westfield, Massachusetts. This technical memorandum includes the following information:

- Discussion of data gathering activities.
- Discussion of the significant findings.
- Tables summarizing groundwater quality results.
- Maps depicting groundwater sampling locations and the LNAPL assessment locations.

Introduction

In May 2002, RMT, Inc. (RMT) submitted to MTD Products, Inc. (MTD) a proposal to perform an LNAPL assessment at the Site in Westfield, Massachusetts. The proposal and subsequent investigation were developed to establish current aerial extent of LNAPL at the Site, and to investigate areas suspected to be sources of chlorinated volatile organic compounds (VOCs) in groundwater. The information gathered during this investigation was used to assist with the planning and remedial design for interim actions.

The scope of services for this investigation included the following tasks.:

- Assess the extent of free product (LNAPL) at the three locations where free product has historically been observed (e.g. north parking lot along Cycle Street, Alleyway, and Fire Pond).
- Evaluate the potential for residual VOC source material to exist beneath the former degreasing room and drain system that conveyed wastewater from this area of the site.

Data Collection Activities

This subsection describes the procedures used in the field during execution of this investigation.

Close File

Temporary LNAPL Well Points

Based on information obtained during previous investigations and/or interim actions, RMT and subcontractor personnel installed a series of temporary direct push well points at each of three areas where free product had been observed. The well points were installed to establish the current aerial extent of LNAPLs and, if present, estimate the thickness of LNAPL at each location. Well points were installed in an iterative manner to optimize the placement of the well points and minimize the number of points needed to accomplish the objective. Figure 1 provides a map showing these well point locations.

The well points were constructed with 1-inch polyvinyl chloride (PVC) screens and riser. The installation depths varied between 12 and 14 feet below land surface (bls). The tops of the well screens were positioned between 2 and 3-feet below grade to intercept any free-product that might be floating on the water table. The annulus around the well points was backfilled with filter sand, to 1 foot above the tops of the screens. A bentonite seal was placed above the filter sand to prevent infiltration of surface water through the annulus surrounding the well pipe. In addition, the well points were capped and custody seals installed to prevent tampering.

Upon completion of investigation activities, all well points were removed and the resulting borings were backfilled with bentonite to grade. Locations where the well points were installed through asphalt or concrete were patched with the appropriate materials.

Geoprobe® Sampling

Fifteen discrete-interval groundwater samples and ten discrete soil samples were collected from nine locations beneath the northern portion of the facility using direct push sampling techniques (see Figure 1). The deeper samples were obtained to evaluate differences in VOC concentration with depth. The samples collected were sent to an off-site laboratory for analysis of site-specific organic constituents.

In addition to visual observations, soil samples were screened in the field for organic vapors using a photoionization detector (PID) equipped with an 11.7 ev lamp. Sampling intervals yielding greater than 100 parts per million (ppm) total organic vapors were also screened in the field for free product using ultraviolet (UV) fluorescence. Upon completion of sampling activities, the boreholes were backfilled with bentonite. Where borings were located on concrete, the concrete was appropriately patched.

Findings

The following findings pertain to the LNAPL assessment conducted in the north parking lot along Cycle Street:

- Seven temporary well points (PMP-01 through PMP-07) were installed north of the main manufacturing building, in the vicinity of monitoring wells MW-20B and MW-20C. During a sampling event in October 2001, LNAPL was measured in monitoring well MW-20B. Additionally, residual product was noted on Geoprobe® sample equipment during an investigation in this area, also conducted in October 2001.

Close File

- After the temporary wells were installed, product thickness measurements were collected from these locations for four days. Although residual product staining and strong petroleum odors were observed on the Geoprobe® installation tools at each location, only one location, PMP-07 had measurable LNAPL (0.15 feet).

The following findings pertain to the LNAPL assessment conducted in the alleyway:

- Three temporary well points (PMP-08 through PMP-10) were installed in the alleyway between the former chromium and nickel plating building and the former rim room. During soil excavation conducted in the alleyway in 2001, LNAPL and stained soils were observed. Additionally, LNAPL was previously reported in MW-16S.
- None of the three temporary monitoring points installed in the eastern end of the alleyway contained measurable levels of LNAPL. However, residual product staining and strong petroleum odors were encountered at each location.

The following finding pertains to the LNAPLs assessment conducted in vicinity of the fire pond:

- During a 2001 excavation in the area of the fire pond, black-colored groundwater with a strong organic odor was encountered. Nine temporary well points (PMP-11 through PMP-19) were installed in the area of the former fire pond. None of these locations had measurable product, petroleum odor, or staining.

The following finding applies to the source area investigation r:

- As discussed previously, groundwater and soil samples were also collected from nine Geoprobe® sample locations(DP-32 through DP-40) at the Site to evaluate potential VOC source areas. Sample locations were chosen based on review of historical operations at the facility. Soil and groundwater samples were collected from the former vapor degreasing room, and adjacent to the sanitary and storm sewer lines leading from this room.

The following findings pertain to the Geoprobe® soil screening:

- Ten soil samples were collected at varying depths, to evaluate the potential for continuing sources in soils beneath the vapor degreasing room and along the sanitary and storm sewer lines. Soil samples were screened in the field for organic vapors using a PID. Soil samples were collected for analysis based on elevated PID readings. Sample depths with the highest PID readings were collected and submitted for analysis to Spectrum Analytical Laboratory, where they were analyzed by USEPA SW-846 Method 5035 and Method 8260B for VOCs, respectively. Soil samples were field preserved, per Massachusetts Contingency Plan, 310 CMR 40.0000. Table 1 presents a summary of analytical results for soils. Laboratory reports are provided as Attachment A.
- Of the 10 soil samples collected during this investigation, nine had elevated levels of chlorinated VOCs.
- Twenty constituents were detected at concentrations above detection limits.

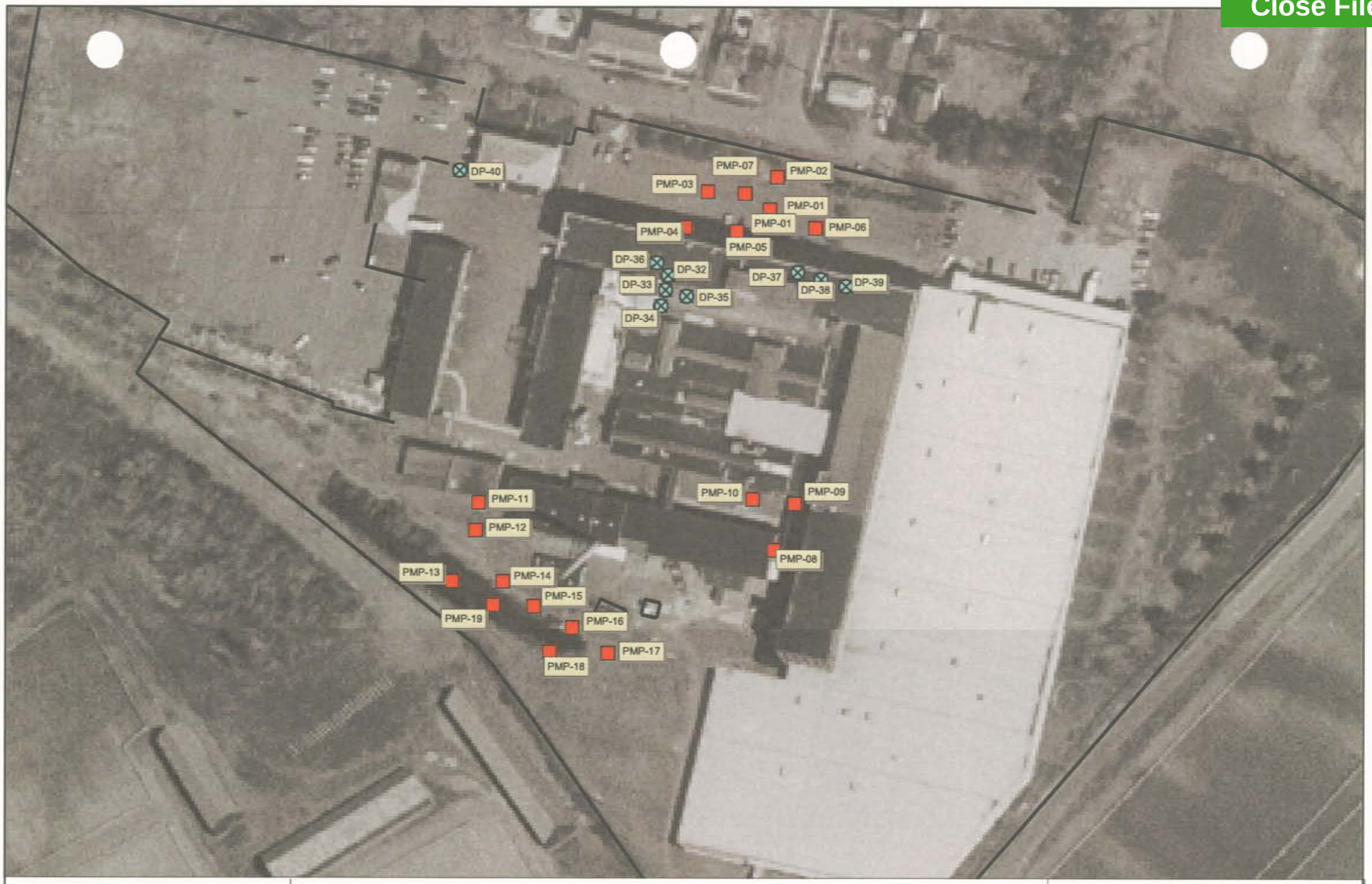
Close File

- Based on the PID screening results, two unsaturated soil samples (DP-32 (1.5 to 2.5 below grade) and DP-33 (0.5 to 1.5 below grade)) were also screened using UV fluorescence. Areas of fluorescence were observed in both samples suggesting the potential for free-phase product to be present.

The following findings pertain to the Geoprobe® groundwater screening:

- Fifteen groundwater samples were collected from the nine Geoprobe® boring locations. Samples were submitted to Spectrum Analytical, Inc., under chain-of-custody, for analysis of VOCs by United States Environmental Protection Agency (USEPA) Method SW8260. Table 2 presents a summary of analytical results for these groundwater samples. Laboratory reports are provided as Attachment B.
- Fifteen groundwater-screening samples were collected from the water table aquifer. Seven samples were collected from water table (6 to 12 feet bls). Nine groundwater samples were collected from the base of the water table aquifer. The deeper samples were collected to assess vertical variations in VOC concentrations.
- Twenty-three VOCs were detected in groundwater screening samples. Only six of the compounds detected exceeded federal maximum contaminant levels (MCLs) (methylene chloride, 1,1-dichloroethene (DCE), cis-1,2-DCE, tetrachloroethene (PCE), TCE, and vinyl chloride). Methylene chloride was detected in only one groundwater sample (DP-33 (14 to 18 feet below grade)) at a concentration of 0.023 mg/L.

Close File



RMT

FILE REFERENCE: p:\hydro\998\westfield-mauro\ewf\figures.apr
LAYOUT: Data Point Location Map
DATE: Jul 14, 2004 2:45 PM

Legend

- 06/2002 Direct Push Well Points for LNAPL Assessment
- 06/2002 Direct Push Soil and Groundwater Sampling Locations
- Property

N

0 200 Feet

Drawn By:	M.A. Goddard
Approved By:	M. Miesfeldt
LNAPL and Source Area Assessment Sampling Locations	
File No.	998.72
Date:	August 12, 2002

Figure 1

Close File

Table 1
Summary of Volatile Organic Compounds Detected in Soil Screening Samples
June 2002

PARAMETER[1]	LOCATION/SAMPLE DEPTH [2]									
	DP-32 (1.5-2.5)	DP-32 (6.5-7.5)	DP-33 (0.5-1.5)	DP-34 (2-3)	DP-34 (6-7)	DP-35 (1-2)	DP-35 (5-6)	DP-36 (4.5-5.5)	DP-37 (7-8)	DP-38 (6-7)
Methylene chloride	**11.4**	<0.235	**259**	<0.488	<1.043	<0.296	<0.739	<0.364	<0.016	<0.522
1,1-Dichloroethane	**0.82**	**0.45**	**3.3**	<0.163	<0.348	**0.46**	**1.3**	<0.182	<0.004	<0.13
cis-1,2-Dichloroethene	**64.5**	**11.8**	**268**	**0.91**	<0.348	**39.1**	**122.2**	<0.182	<0.004	<0.13
trans-1,2-Dichloroethene	**0.9**	**0.15**	**8.9**	<0.163	<0.348	**0.65**	**1.3**	<0.182	<0.004	<0.13
Chloroform	**0.42**	<0.117	**0.57**	<0.163	<0.348	<0.296	<0.37	<0.182	<0.004	<0.13
1,1,1-Trichloroethane	**3**	**0.47**	**17**	**0.87**	<0.348	**0.42**	**3.4**	<0.182	<0.004	<0.13
Trichloroethene	**878.4**	**0.18**	**902.7**	**66.1**	<0.348	**575.2**	**48.7**	<0.3	<0.004	**0.14**
Tetrachloroethene	**5.2**	<0.117	**3.1**	**6.3**	<0.348	**12.8**	**11.6**	<0.182	<0.004	<0.13
Toluene	<0.173	**0.25**	**0.6**	<0.163	<0.348	**0.95**	**1.5**	<0.182	<0.004	<0.13
Ethylbenzene	<0.173	**0.25**	**0.45**	<0.163	<0.348	<0.296	<0.37	<0.182	<0.004	**0.18**
o-Xylene	<0.173	<0.15	<0.386	<0.163	<0.348	<0.296	**0.46**	<0.182	<0.004	<0.13
1,2,4-Trimethylbenzene	<0.173	**0.98**	**1.8**	<0.163	<0.348	<0.296	**6.9**	<0.182	<0.004	**1.1**
1,3,5-Trimethylbenzene	<0.173	**0.2**	**1.2**	<0.163	<0.348	<0.296	**1.4**	<0.182	<0.004	<0.13
Isopropylbenzene	<0.173	**0.28**	<0.386	<0.163	**1**	<0.296	**0.94**	**0.64**	<0.004	**0.25**
4-Isopropyltoluene	<0.173	**0.43**	**0.42**	<0.163	<0.348	<0.296	**1.4**	<0.182	<0.004	<0.13
n-Butylbenzene	<0.173	**0.34**	<0.386	<0.163	**1.3**	<0.296	**1.7**	**0.63**	<0.004	**1.3**
n-Propylbenzene	<0.173	**0.35**	<0.386	<0.163	**1.6**	<0.296	**1.2**	**0.52**	<0.004	**0.54**
sec-Butylbenzene	<0.173	**0.35**	<0.386	<0.163	**1.4**	<0.296	**1.8**	**0.6**	<0.004	**0.6**
tert-Butylbenzene	<0.173	<0.117	<0.386	<0.163	<0.348	<0.296	<0.37	**0.25**	<0.004	<0.13
Naphthalene	<0.173	**0.12**	**1.7**	<0.163	**1.3**	<0.296	**0.64**	<0.182	<0.004	**1.3**

(1) Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.
(2) Depths are in feet below land surface
< Concentration less than the Quantitation Limit.
Bold text indicates the constituent was detected above the detection limit.

Close File

Table 2
Summary of Volatile Organic Compounds Detected in Groundwater Screening Samples
June 2002

PARAMETER[1]	MCL	LOCATION/SAMPLE DEPTH [2]								
		DP-32 (8-12)	DP-32 (16-20)	DP-33 (14-18)	DP-34 (6-10)	DP-34 (14-18)	DP-35 (14-18)	DP-35 (Dup 1) (14-18)	DP-36 (8-12)	DP-37 (8-12)
Method SW8260										
Vinyl chloride	0.002	**1.3**	**0.064**	**0.094**	**0.067**	**0.084**	**0.13**	**0.11**	**0.018**	**0.2**
Methylene chloride	0.005	<0.02	<0.004	**0.023**	<0.06	<0.003	<0.15	<0.1	<0.001	<0.1
1,1-Dichloroethene	0.007	<0.02	**0.0026**	**0.011**	<0.01	**0.012**	<0.05	<0.05	<0.001	<0.05
1,1-Dichloroethane		**0.28**	**0.0035**	**0.01**	**0.012**	<0.001	<0.05	<0.05	<0.001	<0.05
cis-1,2-Dichloroethene	0.07	**5**	**0.37**	**0.77**	**0.22**	**0.49**	**0.9**	**0.88**	**0.025**	**0.37**
trans-1,2-Dichloroethene	0.1	**0.099**	**0.0027**	**0.0054**	<0.01	**0.0019**	<0.05	<0.05	<0.001	<0.05
Chloroform	0.1	**<0.02**	**0.0047**	**0.0014**	<0.01	<0.001	<0.05	<0.05	<0.001	<0.05
1,1,1-Trichloroethane	0.2	**0.025**	**0.0021**	**0.0055**	<0.01	<0.001	<0.05	<0.05	<0.001	<0.05
Trichloroethene	0.005	**0.97 j**	**3.9**	**1.4**	**0.54**	**1.1**	**3**	**3.2**	**0.0096**	**3.2**
Tetrachloroethene	0.005	**0.026**	**0.61**	**0.54**	<0.01	<0.001	**1.5**	**1.4**	**0.0028**	**0.11**
Toluene	1	<0.02	**0.0013**	**0.0024**	<0.01	0.0015	<0.05	<0.05	**0.0016**	<0.05
Ethylbenzene	0.7	<0.02	<0.001	**0.0017**	<0.01	<0.001	<0.05	<0.05	**0.0014**	<0.05
o-Xylene	10	<0.02	<0.001	**0.0017**	<0.01	<0.001	<0.05	<0.05	<0.001	<0.05
m,p-Xylenes	10	<0.04	<0.002	**0.0025**	<0.02	<0.002	<0.1	<0.1	<0.002	<0.1
1,2,4-Trimethylbenzene		**0.032**	**0.0023**	**0.01**	<0.01	<0.001	<0.05	**0.05**	**0.0018**	<0.05
1,3,5-Trimethylbenzene		<0.02	<0.001	**0.0028**	<0.01	<0.001	<0.05	<0.05	<0.001	<0.05
Isopropylbenzene		<0.1	**0.0012**	**0.002**	**0.014**	**0.0019**	<0.05	<0.05	**0.0015**	<0.05
4-Isopropyltoluene		<0.02	<0.001	<0.001	<0.01	<0.001	<0.05	<0.05	**0.001**	<0.05
n-Butylbenzene		<0.02	<0.001	<0.001	<0.01	<0.001	<0.05	<0.05	**0.013**	<0.05
n-Propylbenzene		<0.02	<0.001	**0.0013**	**0.011**	**0.0012**	<0.05	<0.05	**0.007**	<0.05
sec-Butylbenzene		<0.02	<0.001	**0.0011**	**0.024**	**0.0023**	<0.05	<0.05	**0.023**	<0.05
tert-Butylbenzene		<0.02	<0.001	<0.001	<0.01	<0.001	<0.05	<0.05	**0.0089**	<0.05
Naphthalene		<0.02	<0.001	**0.0019**	<0.01	<0.001	<0.05	<0.05	<0.001	<0.05

(1) Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.
(2) Depths are in feet below land surface.
< Concentration less than the Quantitation Limit.
Shaded cells indicate compound detected above Federal MCL
j Concentration considered an estimated based on data validation
Bold text indicates the constituent was detected above the detection limit.

Close File

Table 2
Summary of Volatile Organic Compounds Detected in Groundwater Screening Samples
June 2002

PARAMETER[1]	MCL	LOCATION/SAMPLE DEPTH [2]						
		DP-37 (16-20)	DP-38 (8-12)	DP-38 (16-20)	DP-39 (8-12)	DP-39 (16-20)	DP-40 (8-12)	DP-40 (16-20)
Method SW8260								
Vinyl chloride	0.002	**0.13**	**0.38**	**0.066**	**0.18**	**0.096**	<0.001	<0.01
Methylene chloride	0.005	<0.06	<0.04	<0.02	<0.02	<0.04	<0.001	<0.02
1,1-Dichloroethene	0.007	<0.02	<0.02	<0.01	<0.01	<0.02	<0.001	<0.01
1,1-Dichloroethane		<0.02	<0.02	<0.01	<0.01	<0.02	<0.001	<0.01
cis-1,2-Dichloroethene	0.07	**0.49**	**0.52**	**0.2**	**0.21**	**0.33**	<0.001	**0.066**
trans-1,2-Dichloroethene	0.1	<0.02	<0.02	<0.01	<0.01	<0.02	<0.001	<0.01
Chloroform	0.1	<0.02	<0.02	<0.01	<0.01	<0.02	<0.001	<0.01
1,1,1-Trichloroethane	0.2	**0.079**	<0.02	<0.01	<0.01	<0.02	<0.001	<0.01
Trichloroethene	0.005	**11**	**0.29**	**1.6**	**0.68**	**3.8**	**0.0055**	**0.81**
Tetrachloroethene	0.005	**0.8**	**0.071**	**0.055**	**0.034**	**0.19**	<0.001	<0.01
Toluene	1	<0.02	<0.02	<0.01	<0.01	<0.02	<0.001	<0.01
Ethylbenzene	0.7	<0.02	**0.047**	<0.01	<0.01	<0.02	<0.001	<0.01
o-Xylene	10	<0.02	<0.02	<0.01	<0.01	<0.02	<0.001	<0.01
m,p-Xylenes	10	<0.04	<0.04	<0.02	<0.02	<0.04	<0.002	<0.02
1,2,4-Trimethylbenzene		<0.02	**0.22**	**0.022**	<0.01	<0.02	<0.001	<0.01
1,3,5-Trimethylbenzene		<0.02	**0.045**	<0.01	<0.01	<0.02	<0.001	<0.01
Isopropylbenzene		<0.02	**0.037**	<0.01	<0.01	<0.02	<0.001	<0.01
4-Isopropyltoluene		<0.02	**0.02**	<0.01	<0.01	<0.02	<0.001	<0.01
n-Butylbenzene		<0.02	**0.12**	<0.01	<0.01	<0.02	<0.001	<0.01
n-Propylbenzene		<0.02	**0.072**	<0.01	<0.01	<0.02	<0.001	<0.01
sec-Butylbenzene		<0.02	**0.062**	<0.01	<0.01	<0.02	<0.001	<0.01
tert-Butylbenzene		<0.02	<0.02	<0.01	<0.01	<0.02	<0.001	<0.01
Naphthalene		<0.02	**0.33**	**0.06**	<0.01	<0.02	<0.001	<0.01

(1) Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.
(2) Depths are in feet below land surface.
< Concentration less than the Quantitation Limit.
Shaded cells indicate compound detected above Federal MCL
j Concentration considered an estimated based on data validation
Bold text indicates the constituent was detected above the detection limit.

Close File

Appendix C
Technical Memorandum Entitled Summary of Light Nonaqueous-phase Liquid (LNAPL) and Volatile Organic Compound (VOC) Investigation Results Dated December 14, 2003

Close File

Technical Memorandum

Date: December 14, 2003

To: Ed Waddles, MTD Products, Inc.
David Herrington, Wegman, Hessler & Vanderburg

cc: RMT Project Team

From: Britney Barnes, Barry Culp

Project No.: 00-00998.91

Subject: Summary of Light Non-aqueous Phase Liquid (LNAPL) and Volatile Organic Compound (VOC) Investigation Results at Columbia Manufacturing Facility (Site), Westfield, Massachusetts

The following discussion presents the significant findings resulting from the September 2003 LNAPL and VOC investigation conducted at the site located in Westfield, Massachusetts (Figure 1). This technical memorandum includes the following information:

- Discussion of data gathering activities
- Discussion of the significant findings
- Table summarizing groundwater quality results (analytical results from direct push sampling in the area of the former garage building)
- Figures depicting the LNAPL and VOC investigation locations, and approximate extent of LNAPL-impacted soils

Introduction and Background

During August 2003, a relatively large influx of LNAPL was encountered in the operating dual-phase extraction (DPE) system and its associated recovery and monitoring wells. The presence of a significantly greater quantity of LNAPL than historically observed in this area resulted in an investigation to accomplish the following objectives:

- Determine if a continuing source was present beneath Building 1.
- Assess the amount of LNAPL present in the soil and groundwater that may affect future DPE and groundwater recovery system operations.

In September 2003, RMT, Inc. (RMT), submitted to MTD Products Inc. (MTD), a proposal to perform an LNAPL and supplemental VOC source investigation at the site. The proposal and subsequent investigation were developed to assess potential sources and the lateral extent LNAPL in the northern portion of the facility.

Close File

During a groundwater investigation conducted during August 2001, a groundwater sample (DP-40) collected upgradient of the suspected VOC source area. The results of this sample identified trichloroethene (TCE) at a concentration of 400 µg/L, above the drinking water standard of 5µg/L. Potential sources and/or pathways identified that may have contributed to the elevated concentration of TCE in this area are as follows:

- Former maintenance bay in Building 15, containing a below ground pit that was previously used for maintaining the facility vehicles.
- Underground storm sewer lines originating within the facility and flowing off the site at the intersection of Cleveland and Cycle Streets.
- The employee parking and grass areas west of Building 15.

Data Collection Activities

This subsection describes the procedures used in the field during execution of this investigation. Figure 2 presents the locations of data points collected during this investigation, as well as the location of the LNAPL recovery system.

LNAPL Investigation

Based on information obtained during previous investigations, RMT and subcontractor personnel installed a series of monitoring well points inside Building 1 to determine the extent of free product. The well points were installed to establish the current spatial extent of LNAPL and, if present, estimate the thickness of LNAPL at each location.

The well points, MP-7 through MP-24, were installed using direct push techniques and were constructed with 1-inch polyvinyl chloride (PVC) screens and riser. The installation depths varied between 12 and 14 feet below land surface (bls). The tops of the well screens were positioned between 2 and 3 feet below grade to intercept any free product that might be floating on the water table. The annulus around the well points was backfilled with filter sand, to 1 foot above the tops of the screens. A bentonite seal was placed above the filter sand to prevent infiltration of surface water through the annulus surrounding the well pipe. In addition, the well points were capped and custody seals installed to prevent tampering. Well points installed outside of the building were completed with flush mount well vaults for protection. After the wells were installed, each well was monitored for the presence of free product using an oil-water interface probe. Upon completion of investigation activities, all well points were surveyed.

During the investigation, some petroleum stained soils were encountered upgradient (south) of the abandoned tank thought to be the source of LNAPL. This tank reportedly contained cutting oil and was abandoned in place in the early 1990s. To better define the upgradient extent of LNAPL, and potential sources of the impacted soils, RMT reviewed site drawings dating back to the early 1940s to determine if any potential sources could be identified. A site walk-through portions of Building 1, 2, and 9 was conducted to determine if piping or fuel pumps were present,

Close File

that might be considered a viable source. During the site walk, a capped pipe was discovered in an alcove on the east side of Building 9 (Tubing Room).

Soil samples were collected from approximately fifteen borings in the area of the alcove using direct push techniques. The area where these soil borings are located is shown on Figure 2. Soil samples were collected for visual observation in order to better delineate the area of petroleum-impacted soil. Upon completion of sampling activities, the boreholes were backfilled with bentonite. Where borings were located on concrete, the concrete was appropriately repaired.

Supplemental VOC Source Investigation

Groundwater samples were collected from six locations beneath the northwestern portion of the facility (DP-41 through DP-46) using direct push sampling techniques (see Figure 2). Soil samples were collected for visual observation from ground surface to the top of the lacustrine unit. Groundwater samples were collected from within the surficial aquifer at the top of the Lacustrine unit. These samples were submitted to an off-site laboratory for analysis of VOCs via SW-846 Method 8260B.

LNAPL Investigation Findings and Conclusions

The following findings pertain to the monitoring well points (MP-07 through MP-17) installed during the LNAPL assessment conducted north of Building 1:

- With the exception of well point MP-14, LNAPL-impacted soil, as evidenced by residual product staining and strong petroleum odors, was observed during the installation of well points MP-12 through MP-17. The estimated horizontal extent of impacted soil is shown on Figure 3. When encountered, product stained soil and odor was present from approximately 6 to 10 feet below land surface. This area appears to be a "smear zone" where residual petroleum product is transported vertically by the seasonal rise and fall of the water table.
- After the well points were installed, product thickness measurements were collected from these locations. Although LNAPL impacts were observed in the soil during well installation, only one location, MP-16 had measurable LNAPL (0.01 feet).

The following findings pertain to the monitoring well points (MP-18 through MP-24) installed during the LNAPL assessment conducted within Building 1:

- Residual product staining on the soils along with strong petroleum odors were observed during the installation of well points MP-18 through MP-23 (Figure 2). These findings are consistent with the fact that residual staining was previously reported during the installation of monitoring wells MW-18A and MW-13S.
- Although residual product staining and strong petroleum odors were not observed during the installation of well point MP-24, product thickness measurements collected from this well point subsequent to the LNAPL investigation (October 21, 2003) identified a thin layer of measurable product (0.01 feet). None of the remaining points in this area indicated the presence of free product.

Close File

The following findings pertain to the 15 soil borings advanced during the LNAPL assessment conducted within and east of Building 9:

- Residual product staining and strong petroleum odors were encountered in the soils of all 15 borings within the building.
- A solid structure was encountered during the advancement of one of the soil borings at a depth of approximately 3 feet. The concrete and underlying soils were removed and a 24-inch diameter metal pipe was discovered. The pipe appeared to be a sanitary sewer line. Three additional pipes (two 2-inch and one 1-inch) metal pipes were also uncovered. The additional pipes appear to be petroleum fill and transport lines that are no longer in operation. No soil staining or petroleum odors were noted.
- A sample was collected from a line found on the inside wall of the alcove in Building 9 and submitted for petroleum fingerprint analysis by United States Environmental Protection Agency (USEPA) Method SW8100. Analytical results indicated the presence of Number 2 Fuel Oil.

Supplemental VOC Source Investigation Findings and Conclusions

The following findings pertain to the Geoprobe® groundwater screening:

- TCE was detected in DP-46 at a concentration of 0.0537 mg/L, which is above the federal drinking water standard of 0.005 mg/L. Analytical data is summarized on Table 1.
- Although TCE was detected in samples collected from locations DP-41, DP-42 and DP-45, concentrations of TCE does not indicate an additional source is present to the west of, or within Building 15.
- The concentration of TCE in the samples collected from locations DP-40 and DP-46 indicate a previous release of TCE to the storm sewer may have occurred (see Figure 4). However, based on the concentrations detected in these two samples, the storm sewer does not appear to be a continuing source of TCE.

Close File

Attachment 1
Table

Close File

Table 1
Summary of Detections in Groundwater
Direct Push Source Investigation
Columbia Manufacturing Facility
Westfield, Massachusetts
September 2003

PARAMETER[1]	MCL[2]	LOCATION/SAMPLE DATE					
		DP-41 (16-20) 09/10/03	DP-42 (20-24) 09/10/03	DP-43 (13-17) 09/11/03	DP-44 (20-24) 09/11/03	DP-45 (12-16) 09/11/03	DP-46 (12-16) 09/11/03
Volatile Organics							
cis-1,2-Dichloroethene	0.07	<0.001	<0.001	<0.001	<0.001	<0.001	**0.00315**
Methyl tert-butyl ether (MTBE)		0.00649	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	0.005	**0.00261**	**0.00215**	<0.001	<0.001	**0.00332**	**0.0537**

(1) Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.
(2) Maximum Contaminant Level (*Drinking Water Standards and Health Advisories*; USEPA, Summer 2000).
< Concentration less than the Laboratory Reporting Limit.
Bolded text indicates detection
Shaded text indicates concentration exceeds MCL.

Close File

Attachment 2
Figures

Close File

LEGEND

PROPERTY LINE / FENCE LINE

AERIAL PHOTO SOURCE: OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICES OF ENVIRONMENTAL AFFAIRS.

0 200 400 Feet

NO.	BY	DATE	REVISION	APP'D.
3.				
2.				
1.				

PROJECT : MTD PRODUCTS INC.
COLUMBIA MANUFACTURING FACILITY
REMEDIAL ACTION WORKPLAN

SHEET TITLE: SITE LAYOUT

DRAWN BY: ARR	SCALE AS NOTED	PROJECT NO.: 998.89
CHECKED BY: BCB		FILE NO.: SITELAYOUTFIG1
APPROVED BY: BEC	DATE PRINTED:	
DATE: DECEMBER 2003	JULY 2004	FIGURE: 1

RMT
100 Verdae Boulevard
P.O. Box 16778
Greenville, SC 29606
(864) 281-0030

Map Document: (P:\Hydro\998\Westfield-MA\ArcView\ArcGIS\2003SystemPerformanceRpt\sitelayoutFig1.mxd)
7/15/2004 -- 11:52:44 AM

Close File

AERIAL PHOTO SOURCE: OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICES OF ENVIRONMENTAL AFFAIRS.

0 75 150 Feet

LEGEND

- DIRECT PUSH LOCATIONS - VOC SAMPLE POINT
- DUAL PHASE EXTRACTION WELL LOCATIONS
- LNAPL MONITORING POINT LOCATIONS
- MONITORING WELL LOCATIONS
- RECOVERY WELL LOCATIONS
- PROPERTY LINE/FENCE LINE

NO.	BY	DATE	REVISION	APP'D.
3.				
2.				
1.				

PROJECT :
MTD PRODUCTS INC.
COLUMBIA MANUFACTURING FACILITY

SHEET TITLE:
DATA POINT LOCATION MAP

DRAWN BY: ARR	SCALE AS NOTED	PROJECT NO.: 998.89
CHECKED BY: BCB		FILE NO.:
APPROVED BY: BEC	DATE PRINTED:	FIGURE 2
DATE: DECEMBER 2003	JULY 2004	

RMT

100 Verdae Boulevard
P.O. Box 16778
Greenville, SC 29606
(864) 281-0030

Map Document: (P:\Hydro\998\Westfield-MA\ArcView\ArcGIS\2003SystemPerformanceRpt\datapointmapFig2.mxd)
7/15/2004 -- 11:59:55 AM

Close File

LEGEND

- DUAL PHASE EXTRACTION WELL LOCATION
- LNAPL MONITORING POINT LOCATION
- MONITORING WELL LOCATION
- PROPERTY LINE/FENCE LINE
- LNAPL IMPACTED SOILS (ESTIMATED)

AERIAL PHOTO SOURCE: OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICES OF ENVIRONMENTAL AFFAIRS.

0 75 150 Feet

NO.	BY	DATE	REVISION	APP'D.
3.				
2.				
1.				

PROJECT : MTD MANUFACTURING INC.
COLUMBIA MANUFACTURING FACILITY

SHEET TITLE: ESTIMATED AREA OF LNAPL IMPACTED SOILS

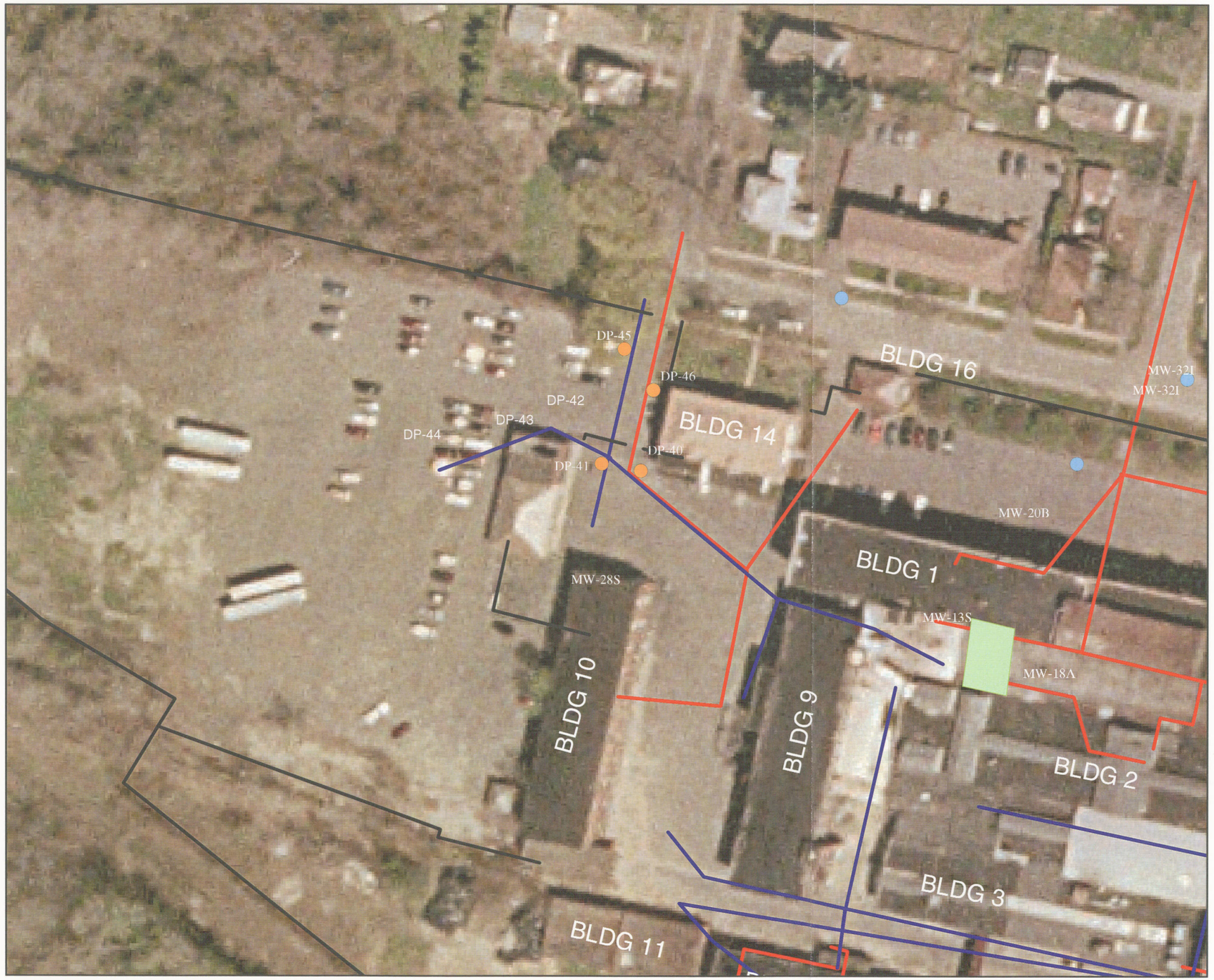
DRAWN BY: ARR	SCALE AS NOTED	PROJECT NO.: 998.89
CHECKED BY: BCB		FILE NO.:
APPROVED BY: BEC	DATE PRINTED:	FIGURE 3
DATE: DECEMBER 2003	JULY 2004	

RMT

100 Verdae Boulevard
P.O. Box 16778
Greenville, SC 29606
(864) 281-0030

Map Document: (P:\Hydro\998\Westfield-MA\ArcView\ArcGIS\2003SystemPerformanceRpt\affectedsoilsFig3.mxd)
7/15/2004 -- 12:08:45 PM

Close File



AERIAL PHOTO SOURCE: OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICES OF ENVIRONMENTAL AFFAIRS.

0 75 150 Feet

LEGEND

- DIRECT PUSH LOCATION - VOC SAMPLE POINT
- MONITORING WELL LOCATION
- PROPERTY LINE/FENCE LINE
- STORM SEWER LINES
- SANITARY SEWER LINES
- LOCATION OF FORMER DEGREASING AREA

NOTES

LOCATION DP-40 WAS SAMPLED DURING JUNE 2002 ASSESSMENT

NO.	BY	DATE	REVISION	APP'D.
3.				
2.				
1.				

PROJECT : MTD PRODUCTS INC. COLUMBIA MANUFACTURING FACILITY

SHEET TITLE: SUPPLEMENTAL VOC SOURCE INVESTIGATION DATA POINT LOCATION MAP

DRAWN BY: ARR	SCALE AS NOTED	PROJECT NO.: 998.89
CHECKED BY: BCB		FILE NO.:
APPROVED BY: BEC	DATE PRINTED:	FIGURE 4
DATE: DECEMBER 2003	JULY 2004	

RMT
100 Verdae Boulevard
P.O. Box 16778
Greenville, SC 29606
(864) 281-0030

Map Document: (P:\Hydro\998\Westfield-MA\ArcView\ArcGIS\2003SystemPerformanceRpt\VOCsourceFig4.mxd)
7/15/2004 -- 12:14:03 PM

Close File

Appendix D
System Status Form

Close File

SYSTEM STATUS SHEET

Columbia Manufacturing
Westfield, MA

Date:
Personnel:

Perimeter Groundwater System

Alarm Conditions

Storage Tank High High		Storage Tank High Level		Storage Tank Low Level		DPE Fault	

Control Panel Settings

P-101	on off auto
P-102	on off auto
P-103	on off auto
P-104	on off auto
P-105	on off auto
P-106	on off auto
P-107	on off auto
Trans. Pump	on off auto

Well ID		PI Pressure psi	FQIT Flow rate gpm	FQIT Flow meter gal
RW-1	101			
RW-2	102			
RW-3	103			
RW-4	104			
RW-5	105			
RW-6	106			
RW-7	107			

Bag Filter

Pressure 1 (sm)		**PI201 psi**
Pressure 2 (sm)		**PI202 psi**
Pressure 3 (lg)		**PI203 psi**
Pressure 4 (lg)		**PI204 psi**

Change Out Filter **OB02**
1=Yes **2**=No

Post-change Filter Pressure	1 (sm)		**PI201 psi**
	2 (sm)		**PI202 psi**
Post-change Filter Pressure	3 (lg)		**PI203 psi**
	4 (lg)		**PI204 psi**

LPGAC

ME10	Influent psi	
ME11	Mid point psi	

Tank Feed Lines

Tank 1 ball valve	open closed
Tank 2 ball valve	open closed

Totalizing Flow Meter
_____ **FQIT201 gal** **Flow rate:** _____ **FQIT201 gpm**

Storage Tank Level
_____ **ME01 ft**

OB05 GAC cartridge #1 1=Yes 2= No
OB06 GAC cartridge #2 1=Yes 2= No

Discharge Flow Meter
_____ **FQIT202 gal**

Comments: _____

Close File

SYSTEM STATUS SHEET

Columbia Manufacturing
Westfield, MA

DPE System

Date:
Personal:

Alarm Conditions

Liquid Ring High Temp	Liquid Ring Oil Level	A / W Separator High Level
Transfer Tank High Level	Product Tank High Level	

Control Panel Settings

Liquid Ring	A / W Separator	Transfer Tank
hand off auto	hand off auto	hand off auto

Liquid Ring Pump

vacuum	**ME09**	inch Hg
temp.	**ME08**	deg F
exhaust temp.	**ME12**	deg F
oil level		
air flow	**ME02**	cfm

A / W Transfer pump	**ME03**	psi
O / W Transfer pump	**ME04**	psi

Oil / Water Separator Observations: _____

Bag Filter

pressure 1		**ME13 psi**
pressure 2		**ME14 psi**
pressure 3		**ME17 psi**

Change Out Filter **OB01**
1=Yes **2**=No

Change Out Filter **OB07**
1=Yes **2**=No

Post-change Filter Pressure

1		**ME13 psi**
2		**ME14 psi**
3		**ME17 psi**

Flow Meter

	ME07	**gal**
	ME18	**gal**

rate:

	ME07	**gpm**
	ME18	**gpm**

Air to Air Heat Exchanger

operating	yes	no	
drained condensate	yes	no	gals.

VPGAC

		psi	voc
Influent	**ME15**		
mid point	**ME16**		
effluent		na	

OB03 GAC cartridge #1 1=Yes 2= No
OB04 GAC cartridge #2 1=Yes 2= No

DPE Lines

	vacuum		water present in extraction line		
RW-1	**DPE01**	inch Hg	slurping	steady	absent
RW-2	**DPE02**	inch Hg	slurping	steady	absent
RW-3	**DPE03**	inch Hg	slurping	steady	absent
RW-4	**DPE04**	inch Hg	slurping	steady	absent
RW-5	**DPE05**	inch Hg	slurping	steady	absent
RW-6	**DPE06**	inch Hg	slurping	steady	absent
RW-7	**DPE07**	inch Hg	slurping	steady	absent

comments: _____

Close File

Appendix E
Analytical Laboratory Data Sheets

Close File

MW

12/19/03
data

Appendix E

Close File

Report Date:
24-Dec-03 10:48

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

File, [redacted] BEC, BCB

Laboratory Report

RMT, Inc.
100 Verdae Blvd.
Greenville, SC 29607
Attn: Barry Culp

Project:MTD-Columbia - Westfield, MA
Project[redacted]

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA06464-01	MW-45S	Ground Water	19-Dec-03 09:15	19-Dec-03 17:00
SA06464-02	MW-32S	Ground Water	19-Dec-03 09:40	19-Dec-03 17:00
SA06464-03	MW-32I	Ground Water	19-Dec-03 09:55	19-Dec-03 17:00
SA06464-04	MW-46S	Ground Water	19-Dec-03 10:20	19-Dec-03 17:00
SA06464-05	MW-51S	Ground Water	19-Dec-03 12:50	19-Dec-03 17:00
SA06464-06	MW-43S	Ground Water	19-Dec-03 13:20	19-Dec-03 17:00
SA06464-07	MW-24S	Ground Water	19-Dec-03 13:50	19-Dec-03 17:00
SA06464-08	MW-53I	Ground Water	19-Dec-03 13:35	19-Dec-03 17:00
SA06464-09	MW-20C	Ground Water	19-Dec-03 14:05	19-Dec-03 17:00
SA06464-10	MW-20B	Ground Water	19-Dec-03 14:15	19-Dec-03 17:00
SA06464-11	MW-11I	Ground Water	19-Dec-03 14:30	19-Dec-03 17:00
SA06464-12	MW-40S	Ground Water	19-Dec-03 14:40	19-Dec-03 17:00
SA06464-13	MW-40I	Ground Water	19-Dec-03 14:50	19-Dec-03 17:00
SA06464-14	TB	Aqueous	19-Dec-03 00:00	19-Dec-03 17:00

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC.
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-45S SA06464-01	998.89	Ground Water	19-Dec-03 09:15	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	22-Dec-03	23-Dec-03	3121243	CH	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-45S SA06464-01	998.89	Ground Water	19-Dec-03 09:15	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*93.2*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*98.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*107*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-32S SA06464-02	998.89	Ground Water	19-Dec-03 09:40	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	22-Dec-03	23-Dec-03	3121243	CH	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-32S SA06464-02	998.89	Ground Water	19-Dec-03 09:40	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*95.4*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.2*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*107*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-32I SA06464-03	998.89	Ground Water	19-Dec-03 09:55	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	100 ug/l	5	SW 846 8260B	22-Dec-03	23-Dec-03	3121243	CH	
Acrylonitrile	BRL	5.00 ug/l	5	"	"	"	"	"	
Benzene	6.75	5.00 ug/l	5	"	"	"	"	"	
Bromobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromodichloromethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromoform	BRL	5.00 ug/l	5	"	"	"	"	"	
Bromomethane	BRL	10.0 ug/l	5	"	"	"	"	"	
2-Butanone (MEK)	BRL	50.0 ug/l	5	"	"	"	"	"	
n-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
sec-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
tert-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Carbon disulfide	BRL	25.0 ug/l	5	"	"	"	"	"	
Carbon tetrachloride	BRL	5.00 ug/l	5	"	"	"	"	"	
Chlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Chloroethane	BRL	10.0 ug/l	5	"	"	"	"	"	
Chloroform	BRL	5.00 ug/l	5	"	"	"	"	"	
Chloromethane	BRL	10.0 ug/l	5	"	"	"	"	"	
2-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"	
4-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	10.0 ug/l	5	"	"	"	"	"	
Dibromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	5.00 ug/l	5	"	"	"	"	"	
Dibromomethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	10.0 ug/l	5	"	"	"	"	"	
1,1-Dichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1-Dichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"	
cis-1,2-Dichloroethene	220	5.00 ug/l	5	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,3-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
2,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"	
Ethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Hexachlorobutadiene	BRL	5.00 ug/l	5	"	"	"	"	"	
2-Hexanone (MBK)	BRL	50.0 ug/l	5	"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-32I SA06464-03	998.89	Ground Water	19-Dec-03 09:55	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
4-Isopropyltoluene	BRL	5.00 ug/l	5	"	"	"	"	"	
Methyl tert-butyl ether	BRL	5.00 ug/l	5	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	50.0 ug/l	5	"	"	"	"	"	
Methylene chloride	BRL	50.0 ug/l	5	"	"	"	"	"	
Naphthalene	BRL	5.00 ug/l	5	"	"	"	"	"	
n-Propylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Styrene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Tetrachloroethene	12.9	5.00 ug/l	5	"	"	"	"	"	
Toluene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Trichloroethene	171	5.00 ug/l	5	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
Vinyl chloride	22.2	5.00 ug/l	5	"	"	"	"	"	
m,p-Xylene	BRL	10.0 ug/l	5	"	"	"	"	"	
o-Xylene	BRL	5.00 ug/l	5	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*94.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*111*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-46S SA06464-04	998.89	Ground Water	19-Dec-03 10:20	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	22-Dec-03	23-Dec-03	3121243	CH	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	1.65	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	3.87	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-46S SA06464-04	998.89	Ground Water	19-Dec-03 10:20	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	9.58	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*93.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*96.2*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*107*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-51S SA06464-05	998.89	Ground Water	19-Dec-03 12:50	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	22-Dec-03	23-Dec-03	3121243	CH	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	80.6	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-51S SA06464-05	998.89	Ground Water	19-Dec-03 12:50	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	69.8	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	6.87	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*98.6*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*98.6*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*101*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-43S SA06464-06	998.89	Ground Water	19-Dec-03 13:20	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	22-Dec-03	23-Dec-03	3121243	CH	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-43S SA06464-06	998.89	Ground Water	19-Dec-03 13:20	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*93.4*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-24S SA06464-07	998.89	Ground Water	19-Dec-03 13:50	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	1000 ug/l	100	SW 846 8260B	22-Dec-03	23-Dec-03	3121243	CH	
Acrylonitrile	BRL	50.0 ug/l	100	"	"	"	"	"	
Benzene	BRL	50.0 ug/l	100	"	"	"	"	"	
Bromobenzene	BRL	50.0 ug/l	100	"	"	"	"	"	
Bromochloromethane	BRL	50.0 ug/l	100	"	"	"	"	"	
Bromodichloromethane	BRL	50.0 ug/l	100	"	"	"	"	"	
Bromoform	BRL	50.0 ug/l	100	"	"	"	"	"	
Bromomethane	BRL	100 ug/l	100	"	"	"	"	"	
2-Butanone (MEK)	BRL	500 ug/l	100	"	"	"	"	"	
n-Butylbenzene	BRL	50.0 ug/l	100	"	"	"	"	"	
sec-Butylbenzene	BRL	50.0 ug/l	100	"	"	"	"	"	
tert-Butylbenzene	BRL	50.0 ug/l	100	"	"	"	"	"	
Carbon disulfide	BRL	250 ug/l	100	"	"	"	"	"	
Carbon tetrachloride	BRL	50.0 ug/l	100	"	"	"	"	"	
Chlorobenzene	BRL	50.0 ug/l	100	"	"	"	"	"	
Chloroethane	BRL	100 ug/l	100	"	"	"	"	"	
Chloroform	BRL	50.0 ug/l	100	"	"	"	"	"	
Chloromethane	BRL	100 ug/l	100	"	"	"	"	"	
2-Chlorotoluene	BRL	50.0 ug/l	100	"	"	"	"	"	
4-Chlorotoluene	BRL	50.0 ug/l	100	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	100 ug/l	100	"	"	"	"	"	
Dibromochloromethane	BRL	50.0 ug/l	100	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	50.0 ug/l	100	"	"	"	"	"	
Dibromomethane	BRL	50.0 ug/l	100	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	50.0 ug/l	100	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	50.0 ug/l	100	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	50.0 ug/l	100	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	100 ug/l	100	"	"	"	"	"	
1,1-Dichloroethane	BRL	50.0 ug/l	100	"	"	"	"	"	
1,2-Dichloroethane	BRL	50.0 ug/l	100	"	"	"	"	"	
1,1-Dichloroethene	BRL	50.0 ug/l	100	"	"	"	"	"	
cis-1,2-Dichloroethene	296	50.0 ug/l	100	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	50.0 ug/l	100	"	"	"	"	"	
1,2-Dichloropropane	BRL	50.0 ug/l	100	"	"	"	"	"	
1,3-Dichloropropane	BRL	50.0 ug/l	100	"	"	"	"	"	
2,2-Dichloropropane	BRL	50.0 ug/l	100	"	"	"	"	"	
1,1-Dichloropropene	BRL	50.0 ug/l	100	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	50.0 ug/l	100	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	50.0 ug/l	100	"	"	"	"	"	
Ethylbenzene	BRL	50.0 ug/l	100	"	"	"	"	"	
Hexachlorobutadiene	BRL	50.0 ug/l	100	"	"	"	"	"	
2-Hexanone (MBK)	BRL	500 ug/l	100	"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-24S SA06464-07	998.89	Ground Water	19-Dec-03 13:50	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	50.0 ug/l	100	"	"	"	"	"	
4-Isopropyltoluene	BRL	50.0 ug/l	100	"	"	"	"	"	
Methyl tert-butyl ether	BRL	50.0 ug/l	100	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	500 ug/l	100	"	"	"	"	"	
Methylene chloride	BRL	500 ug/l	100	"	"	"	"	"	
Naphthalene	BRL	50.0 ug/l	100	"	"	"	"	"	
n-Propylbenzene	BRL	50.0 ug/l	100	"	"	"	"	"	
Styrene	BRL	50.0 ug/l	100	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	50.0 ug/l	100	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	50.0 ug/l	100	"	"	"	"	"	
Tetrachloroethene	402	50.0 ug/l	100	"	"	"	"	"	
Toluene	BRL	50.0 ug/l	100	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	50.0 ug/l	100	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	50.0 ug/l	100	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	50.0 ug/l	100	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	50.0 ug/l	100	"	"	"	"	"	
Trichloroethene	3,380	50.0 ug/l	100	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	50.0 ug/l	100	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	50.0 ug/l	100	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	50.0 ug/l	100	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	50.0 ug/l	100	"	"	"	"	"	
Vinyl chloride	113	50.0 ug/l	100	"	"	"	"	"	
m,p-Xylene	BRL	100 ug/l	100	"	"	"	"	"	
o-Xylene	BRL	50.0 ug/l	100	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*95.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.2*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*103*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-53I SA06464-08	998.89	Ground Water	19-Dec-03 13:35	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	200 ug/l	10	SW 846 8260B	22-Dec-03	23-Dec-03	3121243	CH	
Acrylonitrile	BRL	10.0 ug/l	10	"	"	"	"	"	
Benzene	12.4	10.0 ug/l	10	"	"	"	"	"	
Bromobenzene	BRL	10.0 ug/l	10	"	"	"	"	"	
Bromochloromethane	BRL	10.0 ug/l	10	"	"	"	"	"	
Bromodichloromethane	BRL	10.0 ug/l	10	"	"	"	"	"	
Bromoform	BRL	10.0 ug/l	10	"	"	"	"	"	
Bromomethane	BRL	20.0 ug/l	10	"	"	"	"	"	
2-Butanone (MEK)	BRL	100 ug/l	10	"	"	"	"	"	
n-Butylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"	
sec-Butylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"	
tert-Butylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"	
Carbon disulfide	BRL	50.0 ug/l	10	"	"	"	"	"	
Carbon tetrachloride	BRL	10.0 ug/l	10	"	"	"	"	"	
Chlorobenzene	BRL	10.0 ug/l	10	"	"	"	"	"	
Chloroethane	BRL	20.0 ug/l	10	"	"	"	"	"	
Chloroform	BRL	10.0 ug/l	10	"	"	"	"	"	
Chloromethane	BRL	20.0 ug/l	10	"	"	"	"	"	
2-Chlorotoluene	BRL	10.0 ug/l	10	"	"	"	"	"	
4-Chlorotoluene	BRL	10.0 ug/l	10	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	20.0 ug/l	10	"	"	"	"	"	
Dibromochloromethane	BRL	10.0 ug/l	10	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	10.0 ug/l	10	"	"	"	"	"	
Dibromomethane	BRL	10.0 ug/l	10	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	10.0 ug/l	10	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	10.0 ug/l	10	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	10.0 ug/l	10	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	20.0 ug/l	10	"	"	"	"	"	
1,1-Dichloroethane	BRL	10.0 ug/l	10	"	"	"	"	"	
1,2-Dichloroethane	BRL	10.0 ug/l	10	"	"	"	"	"	
1,1-Dichloroethene	BRL	10.0 ug/l	10	"	"	"	"	"	
cis-1,2-Dichloroethene	198	10.0 ug/l	10	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	10.0 ug/l	10	"	"	"	"	"	
1,2-Dichloropropane	BRL	10.0 ug/l	10	"	"	"	"	"	
1,3-Dichloropropane	BRL	10.0 ug/l	10	"	"	"	"	"	
2,2-Dichloropropane	BRL	10.0 ug/l	10	"	"	"	"	"	
1,1-Dichloropropene	BRL	10.0 ug/l	10	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	10.0 ug/l	10	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	10.0 ug/l	10	"	"	"	"	"	
Ethylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"	
Hexachlorobutadiene	BRL	10.0 ug/l	10	"	"	"	"	"	
2-Hexanone (MBK)	BRL	100 ug/l	10	"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-53I SA06464-08	998.89	Ground Water	19-Dec-03 13:35	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"	
4-Isopropyltoluene	BRL	10.0 ug/l	10	"	"	"	"	"	
Methyl tert-butyl ether	BRL	10.0 ug/l	10	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	100 ug/l	10	"	"	"	"	"	
Methylene chloride	BRL	100 ug/l	10	"	"	"	"	"	
Naphthalene	BRL	10.0 ug/l	10	"	"	"	"	"	
n-Propylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"	
Styrene	BRL	10.0 ug/l	10	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	10.0 ug/l	10	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	10.0 ug/l	10	"	"	"	"	"	
Tetrachloroethene	1,000	10.0 ug/l	10	"	"	"	"	"	
Toluene	BRL	10.0 ug/l	10	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	10.0 ug/l	10	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	10.0 ug/l	10	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	10.0 ug/l	10	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	10.0 ug/l	10	"	"	"	"	"	
Trichloroethene	498	10.0 ug/l	10	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	10.0 ug/l	10	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	10.0 ug/l	10	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"	
Vinyl chloride	BRL	10.0 ug/l	10	"	"	"	"	"	
m,p-Xylene	BRL	20.0 ug/l	10	"	"	"	"	"	
o-Xylene	BRL	10.0 ug/l	10	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*91.2*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*98.2*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*95.4*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*100*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-20C SA06464-09	998.89	Ground Water	19-Dec-03 14:05	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	22-Dec-03	23-Dec-03	3121243	CH	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-20C SA06464-09	998.89	Ground Water	19-Dec-03 14:05	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*93.4*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.6*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-20B SA06464-10	998.89	Ground Water	19-Dec-03 14:15	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	22-Dec-03	23-Dec-03	3121243	CH	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	5.59	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-20B SA06464-10	998.89	Ground Water	19-Dec-03 14:15	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	1.18	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*94.4*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.8*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*108*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*105*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-11I SA06464-11	998.89	Ground Water	19-Dec-03 14:30	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	22-Dec-03	23-Dec-03	3121243	CH	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	20.8	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-11I SA06464-11	998.89	Ground Water	19-Dec-03 14:30	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	5.74	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	39.6	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*93.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.2*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*105*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-40S SA06464-12	998.89	Ground Water	19-Dec-03 14:40	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	22-Dec-03	23-Dec-03	3121243	CH	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-40S SA06464-12	998.89	Ground Water	19-Dec-03 14:40	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	2.77	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*94.6*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*99.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-40I SA06464-13	998.89	Ground Water	19-Dec-03 14:50	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	22-Dec-03	23-Dec-03	3121243	CH	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-40I SA06464-13	998.89	Ground Water	19-Dec-03 14:50	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*93.2*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*98.4*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB SA06464-14	998.89	Aqueous	19-Dec-03 00:00	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	22-Dec-03	23-Dec-03	3121243	CH	
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"	
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"	
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"	
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"	
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"	
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"	
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"	
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"	
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"	
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"	
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"	
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"	
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TB SA06464-14	998.89	Aqueous	19-Dec-03 00:00	19-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*92.8*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"	

Close File

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 3121243 - Volatiles										
Blank (3121243-BLK1)				Prepared & Analyzed: 22-Dec-03						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
sec-Butylbenzene	BRL	1.00	ug/l							
tert-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							
Chlorobenzene	BRL	1.00	ug/l							
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Chlorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
1,2-Dichlorobenzene	BRL	1.00	ug/l							
1,3-Dichlorobenzene	BRL	1.00	ug/l							
1,4-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.00	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
Ethylbenzene	BRL	1.00	ug/l							
Hexachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/l							
Tetrachloroethene	BRL	1.00	ug/l							
Toluene	BRL	1.00	ug/l							

Close File

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 3121243 - Volatiles										
Blank (3121243-BLK1)				Prepared & Analyzed: 22-Dec-03						
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*47.9*		ug/l	*50.0*		*95.8*	*70-130*			
Surrogate: Toluene-d8	*49.1*		ug/l	*50.0*		*98.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*54.1*		ug/l	*50.0*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*52.6*		ug/l	*50.0*		*105*	*70-130*			
Matrix Spike (3121243-MS1)		**Source: SA06462-01**		Prepared & Analyzed: 22-Dec-03						
Benzene	17.5		ug/l	20.0	BRL	87.5	70-130			
Chlorobenzene	18.5		ug/l	20.0	BRL	92.5	70-130			
1,1-Dichloroethene	17.8		ug/l	20.0	BRL	89.0	70-130			
Toluene	17.7		ug/l	20.0	BRL	88.5	70-130			
Trichloroethene	18.5		ug/l	20.0	BRL	92.5	70-130			
Surrogate: 4-Bromofluorobenzene	*46.6*		ug/l	*50.0*		*93.2*	*70-130*			
Surrogate: Toluene-d8	*48.9*		ug/l	*50.0*		*97.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*53.0*		ug/l	*50.0*		*106*	*70-130*			
Surrogate: Dibromofluoromethane	*51.3*		ug/l	*50.0*		*103*	*70-130*			
Matrix Spike Dup (3121243-MSD1)		**Source: SA06462-01**		Prepared & Analyzed: 22-Dec-03						
Benzene	17.8		ug/l	20.0	BRL	89.0	70-130	1.70	30	
Chlorobenzene	18.3		ug/l	20.0	BRL	91.5	70-130	1.09	30	
1,1-Dichloroethene	17.6		ug/l	20.0	BRL	88.0	70-130	1.13	30	
Toluene	17.3		ug/l	20.0	BRL	86.5	70-130	2.29	30	
Trichloroethene	18.6		ug/l	20.0	BRL	93.0	70-130	0.539	30	
Surrogate: 4-Bromofluorobenzene	*47.1*		ug/l	*50.0*		*94.2*	*70-130*			
Surrogate: Toluene-d8	*48.5*		ug/l	*50.0*		*97.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*52.5*		ug/l	*50.0*		*105*	*70-130*			
Surrogate: Dibromofluoromethane	*50.4*		ug/l	*50.0*		*101*	*70-130*			

Close File

Notes and Definitions

BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

Close File

10/02/03
data

Close File

File, [redacted] RC

Report Date:
03-Oct-03 14:17

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

RMT, Inc.
100 Verdae Blvd.
Greenville, SC 29607
Attn: Barry Culp

Project:MTD-Columbia - Westfield, MA
Project #:998.89

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA03141-01	G-Fill Pipe	Oily Water	01-Oct-03 14:20	02-Oct-03 12:00
SA03141-02	Trip Blank	Deionized Water	30-Sep-03 00:00	02-Oct-03 12:00
SA03141-03	MW-43S	Ground Water	02-Oct-03 09:15	02-Oct-03 12:00
SA03141-04	MW-45S	Ground Water	02-Oct-03 10:00	02-Oct-03 12:00
SA03141-05	MW-32S	Ground Water	02-Oct-03 10:40	02-Oct-03 12:00
SA03141-06	MW-51S	Ground Water	02-Oct-03 11:10	02-Oct-03 12:00

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC.
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Massachusetts Certification # M-MA138
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH NELAC

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
G-Fill Pipe SA03141-01	998.89	Oily Water	01-Oct-03 14:20	02-Oct-03

Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst Flag
Extractable Petroleum Hydrocarbons								
TPH 8100 by GC		Prepared by method SW846 3510C						
Gasoline	BRL	4000 mg/kg	20	SW846 8100 Mod.	03-Oct-03	03-Oct-03	3100134	JD
Fuel Oil #2	424,000	4000 mg/kg	20	"	"	"	"	"
Fuel Oil #4	BRL	4000 mg/kg	20	"	"	"	"	"
Fuel Oil #6	BRL	4000 mg/kg	20	"	"	"	"	"
Motor Oil	BRL	4000 mg/kg	20	"	"	"	"	"
Ligroin	BRL	4000 mg/kg	20	"	"	"	"	"
Aviation Fuel	BRL	4000 mg/kg	20	"	"	"	"	"
Unidentified	BRL	4000 mg/kg	20	"	"	"	"	"
Other Oil	BRL	4000 mg/kg	20	"	"	"	"	"
Total Petroleum Hydrocarbons	424,000	4000 mg/kg	20	"	"	"	"	"
Surrogate: 1-Chlorooctadecane	*91.2*	*40-140 %*		"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA03141-02	998.89	Deionized Water	30-Sep-03 00:00	02-Oct-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	02-Oct-03	02-Oct-03	3100119	RLJ
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA03141-02	998.89	Deionized Water	30-Sep-03 00:00	02-Oct-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*99.6*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*97.6*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*102*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*101*	*70-130 %*		"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-43S SA03141-03	998.89	Ground Water	02-Oct-03 09:15	02-Oct-03

Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst Flag
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	02-Oct-03	02-Oct-03	3100119	RLJ
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-43S SA03141-03	998.89	Ground Water	02-Oct-03 09:15	02-Oct-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*97.4*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*98.0*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*103*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-45S SA03141-04	998.89	Ground Water	02-Oct-03 10:00	02-Oct-03

Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst Flag
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	02-Oct-03	02-Oct-03	3100119	RLJ
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-45S SA03141-04	998.89	Ground Water	02-Oct-03 10:00	02-Oct-03

Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst Flag
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*98.8*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*97.6*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*101*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*97.0*	*70-130 %*		"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-32S SA03141-05	998.89	Ground Water	02-Oct-03 10:40	02-Oct-03

Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst Flag
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	02-Oct-03	02-Oct-03	3100119	RLJ
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-32S SA03141-05	998.89	Ground Water	02-Oct-03 10:40	02-Oct-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Trichloroethene	1.41	1.00 ug/l	1	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*99.2*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*99.0*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*99.6*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*99.4*	*70-130 %*		"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-51S SA03141-06	998.89	Ground Water	02-Oct-03 11:10	02-Oct-03

Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst Flag
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	02-Oct-03	03-Oct-03	3100119	RLJ
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	1.71	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	24.6	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-51S SA03141-06	998.89	Ground Water	02-Oct-03 11:10	02-Oct-03

Analyte(s)	Result	*RDL/Units	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst Flag
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"
Naphthalene	1.45	1.00 ug/l	1	"	"	"	"	"
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Trichloroethene	43.9	1.00 ug/l	1	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Vinyl chloride	1.86	1.00 ug/l	1	"	"	"	"	"
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*106*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*97.4*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*102*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 3100119 - Volatiles										
Blank (3100119-BLK1)				Prepared & Analyzed: 02-Oct-03						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
sec-Butylbenzene	BRL	1.00	ug/l							
tert-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							
Chlorobenzene	BRL	1.00	ug/l							
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Chlorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
1,2-Dichlorobenzene	BRL	1.00	ug/l							
1,3-Dichlorobenzene	BRL	1.00	ug/l							
1,4-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon 12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.00	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
Ethylbenzene	BRL	1.00	ug/l							
Hexachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/l							
Tetrachloroethene	BRL	1.00	ug/l							
Toluene	BRL	1.00	ug/l							
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Close File

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 3100119 - Volatiles										
Blank (3100119-BLK1)				Prepared & Analyzed: 02-Oct-03						
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*52.5*		ug/l	*50.0*		*105*	*70-130*			
Surrogate: Toluene-d8	*50.8*		ug/l	*50.0*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*53.8*		ug/l	*50.0*		*108*	*70-130*			
Surrogate: Dibromofluoromethane	*50.4*		ug/l	*50.0*		*101*	*70-130*			
Matrix Spike (3100119-MS1)		Source: SA03141-03		Prepared & Analyzed: 02-Oct-03						
Benzene	19.6		ug/l	20.0	BRL	98.0	70-130			
Chlorobenzene	18.9		ug/l	20.0	BRL	94.5	70-130			
1,1-Dichloroethene	19.5		ug/l	20.0	BRL	97.5	70-130			
Toluene	19.5		ug/l	20.0	BRL	97.5	70-130			
Trichloroethene	19.8		ug/l	20.0	BRL	99.0	70-130			
Surrogate: 4-Bromofluorobenzene	*47.0*		ug/l	*50.0*		*94.0*	*70-130*			
Surrogate: Toluene-d8	*50.3*		ug/l	*50.0*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*51.4*		ug/l	*50.0*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*51.0*		ug/l	*50.0*		*102*	*70-130*			
Matrix Spike Dup (3100119-MSD1)		Source: SA03141-03		Prepared & Analyzed: 02-Oct-03						
Benzene	19.5		ug/l	20.0	BRL	97.5	70-130	0.512	30	
Chlorobenzene	18.3		ug/l	20.0	BRL	91.5	70-130	3.23	30	
1,1-Dichloroethene	18.9		ug/l	20.0	BRL	94.5	70-130	3.12	30	
Toluene	19.1		ug/l	20.0	BRL	95.5	70-130	2.07	30	
Trichloroethene	19.3		ug/l	20.0	BRL	96.5	70-130	2.56	30	
Surrogate: 4-Bromofluorobenzene	*45.7*		ug/l	*50.0*		*91.4*	*70-130*			
Surrogate: Toluene-d8	*50.2*		ug/l	*50.0*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*51.2*		ug/l	*50.0*		*102*	*70-130*			
Surrogate: Dibromofluoromethane	*51.0*		ug/l	*50.0*		*102*	*70-130*			

Notes and Definitions

BRL Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Close File

9/26/03
data

Close File

Report Date:
08-Oct-03 12:03

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

[redacted]

Laboratory Report

RMT, Inc.
100 Verdae Blvd.
Greenville, SC 29607
Attn: Steve Webb

Project:MTD-Columbia - Westfield, MA
Proje[redacted]

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA03033-01	TBLK	Deionized Water	26-Sep-03 00:00	26-Sep-03 16:26
SA03033-02	MW-46S	Deionized/Ground Water	26-Sep-03 10:05	26-Sep-03 16:26
SA03033-03	MW-32I	Deionized Water	26-Sep-03 10:20	26-Sep-03 16:26
SA03033-04	MW-20C	Deionized Water	26-Sep-03 11:05	26-Sep-03 16:26
SA03033-05	MW-20B	Deionized Water	26-Sep-03 11:20	26-Sep-03 16:26
SA03033-06	MW-24S	Deionized Water	26-Sep-03 11:35	26-Sep-03 16:26
SA03033-07	MW-53I	Deionized Water	26-Sep-03 11:50	26-Sep-03 16:26
SA03033-08	MW-40I	Deionized Water	26-Sep-03 12:05	26-Sep-03 16:26
SA03033-09	MW-40S	Deionized Water	26-Sep-03 12:15	26-Sep-03 16:26
SA03033-10	MW-11I	Deionized Water	26-Sep-03 12:30	26-Sep-03 16:26
SA03033-11	MW-27I	Deionized Water	26-Sep-03 14:45	26-Sep-03 16:26
SA03033-12	MW-52S	Deionized Water	26-Sep-03 15:15	26-Sep-03 16:26
SA03033-13	MW-16SR	Deionized Water	26-Sep-03 15:45	26-Sep-03 16:26

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC.
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Massachusetts Certification # M-MA138
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TBLK SA03033-01	998.90	Deionized Water	26-Sep-03 00:00	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	02-Oct-03	03-Oct-03	3100118	tim
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TBLK SA03033-01	998.90	Deionized Water	26-Sep-03 00:00	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*94.4*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*112*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*111*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-46S SA03033-02	998.90	Deionized/Groun	26-Sep-03 10:05	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	02-Oct-03	03-Oct-03	3100118	tim
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	1.12	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	9.36	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-46S SA03033-02	998.90	Deionized/Groun	26-Sep-03 10:05	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
I,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Trichloroethene	14.9	1.00 ug/l	1	"	"	"	"	"
Tricblorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*95.6*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*111*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*112*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-32I SA03033-03	998.90	Deionized Water	26-Sep-03 10:20	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	100 ug/l	5	SW 846 8260B	02-Oct-03	03-Oct-03	3100118	tim
Acrylonitrile	BRL	5.00 ug/l	5	"	"	"	"	"
Benzene	9.00	5.00 ug/l	5	"	"	"	"	"
Bromobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Bromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"
Bromodichloromethane	BRL	5.00 ug/l	5	"	"	"	"	"
Bromoform	BRL	5.00 ug/l	5	"	"	"	"	"
Bromomethane	BRL	10.0 ug/l	5	"	"	"	"	"
2-Butanone (MEK)	BRL	50.0 ug/l	5	"	"	"	"	"
n-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
sec-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
tert-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Carbon disulfide	BRL	25.0 ug/l	5	"	"	"	"	"
Carbon tetrachloride	BRL	5.00 ug/l	5	"	"	"	"	"
Chlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Chloroethane	BRL	10.0 ug/l	5	"	"	"	"	"
Chloroform	BRL	5.00 ug/l	5	"	"	"	"	"
Chloromethane	BRL	10.0 ug/l	5	"	"	"	"	"
2-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"
4-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	10.0 ug/l	5	"	"	"	"	"
Dibromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	5.00 ug/l	5	"	"	"	"	"
Dibromomethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,3-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,4-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	10.0 ug/l	5	"	"	"	"	"
1,1-Dichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1-Dichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"
cis-1,2-Dichloroethene	272	5.00 ug/l	5	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
1,3-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
2,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"
Ethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Hexachlorobutadiene	BRL	5.00 ug/l	5	"	"	"	"	"
2-Hexanone (MBK)	BRL	50.0 ug/l	5	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-321 SA03033-03	998.90	Deionized Water	26-Sep-03 10:20	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
4-Isopropyltoluene	BRL	5.00 ug/l	5	"	"	"	"	"
Methyl tert-butyl ether	BRL	5.00 ug/l	5	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	50.0 ug/l	5	"	"	"	"	"
Methylene chloride	BRL	50.0 ug/l	5	"	"	"	"	"
Naphthalene	BRL	5.00 ug/l	5	"	"	"	"	"
n-Propylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Styrene	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
Tetrachloroethene	18.6	5.00 ug/l	5	"	"	"	"	"
Toluene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,1-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,2-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
Trichloroethene	214	5.00 ug/l	5	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,3-Trichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Vinyl chloride	32.2	5.00 ug/l	5	"	"	"	"	"
m,p-Xylene	BRL	10.0 ug/l	5	"	"	"	"	"
o-Xylene	BRL	5.00 ug/l	5	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*93.8*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*109*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*111*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-20C SA03033-04	998.90	Deionized Water	26-Sep-03 11:05	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	02-Oct-03	03-Oct-03	3100118	tim
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dihromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-20C SA03033-04	998.90	Deionized Water	26-Sep-03 11:05	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*95.2*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*103*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*105*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*112*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-20B SA03033-05	998.90	Deionized Water	26-Sep-03 11:20	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	02-Oct-03	03-Oct-03	3100118	tim
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	1.14	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	27.1	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-20B SA03033-05	998.90	Deionized Water	26-Sep-03 11:20	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	2.44	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	8.22	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	6.66	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	40.4	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*96.0*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*110*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*112*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-24S SA03033-06	998.90	Deionized Water	26-Sep-03 11:35	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	2000 ug/l	100	SW 846 8260B	02-Oct-03	03-Oct-03	3100118	tim
Acrylonitrile	BRL	100 ug/l	100	"	"	"	"	"
Benzene	BRL	100 ug/l	100	"	"	"	"	"
Bromobenzene	BRL	100 ug/l	100	"	"	"	"	"
Bromochloromethane	BRL	100 ug/l	100	"	"	"	"	"
Bromodichloromethane	BRL	100 ug/l	100	"	"	"	"	"
Bromoform	BRL	100 ug/l	100	"	"	"	"	"
Bromomethane	BRL	200 ug/l	100	"	"	"	"	"
2-Butanone (MEK)	BRL	1000 ug/l	100	"	"	"	"	"
n-Butylbenzene	BRL	100 ug/l	100	"	"	"	"	"
sec-Butylbenzene	BRL	100 ug/l	100	"	"	"	"	"
tert-Butylbenzene	BRL	100 ug/l	100	"	"	"	"	"
Carbon disulfide	BRL	500 ug/l	100	"	"	"	"	"
Carbon tetrachloride	BRL	100 ug/l	100	"	"	"	"	"
Chlorobenzene	BRL	100 ug/l	100	"	"	"	"	"
Chloroethane	BRL	200 ug/l	100	"	"	"	"	"
Chloroform	BRL	100 ug/l	100	"	"	"	"	"
Chloromethane	BRL	200 ug/l	100	"	"	"	"	"
2-Chlorotoluene	BRL	100 ug/l	100	"	"	"	"	"
4-Chlorotoluene	BRL	100 ug/l	100	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	200 ug/l	100	"	"	"	"	"
Dibromochloromethane	BRL	100 ug/l	100	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	100 ug/l	100	"	"	"	"	"
Dibromomethane	BRL	100 ug/l	100	"	"	"	"	"
1,2-Dichlorobenzene	BRL	100 ug/l	100	"	"	"	"	"
1,3-Dichlorobenzene	BRL	100 ug/l	100	"	"	"	"	"
1,4-Dichlorobenzene	BRL	100 ug/l	100	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	200 ug/l	100	"	"	"	"	"
1,1-Dichloroethane	BRL	100 ug/l	100	"	"	"	"	"
1,2-Dichloroethane	BRL	100 ug/l	100	"	"	"	"	"
1,1-Dichloroethene	BRL	100 ug/l	100	"	"	"	"	"
cis-1,2-Dichloroethene	418	100 ug/l	100	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	100 ug/l	100	"	"	"	"	"
1,2-Dichloropropane	BRL	100 ug/l	100	"	"	"	"	"
1,3-Dichloropropane	BRL	100 ug/l	100	"	"	"	"	"
2,2-Dichloropropane	BRL	100 ug/l	100	"	"	"	"	"
1,1-Dichloropropene	BRL	100 ug/l	100	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	100 ug/l	100	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	100 ug/l	100	"	"	"	"	"
Ethylbenzene	BRL	100 ug/l	100	"	"	"	"	"
Hexachlorobutadiene	BRL	100 ug/l	100	"	"	"	"	"
2-Hexanone (MBK)	BRL	1000 ug/l	100	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-24S SA03033-06	998.90	Deionized Water	26-Sep-03 11:35	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	100 ug/l	100	"	"	"	"	"
4-Isopropyltoluene	BRL	100 ug/l	100	"	"	"	"	"
Methyl tert-butyl ether	BRL	100 ug/l	100	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	1000 ug/l	100	"	"	"	"	"
Methylene chloride	BRL	1000 ug/l	100	"	"	"	"	"
Naphthalene	BRL	100 ug/l	100	"	"	"	"	"
n-Propylbenzene	BRL	100 ug/l	100	"	"	"	"	"
Styrene	BRL	100 ug/l	100	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	100 ug/l	100	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	100 ug/l	100	"	"	"	"	"
Tetrachloroethene	677	100 ug/l	100	"	"	"	"	"
Toluene	BRL	100 ug/l	100	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	100 ug/l	100	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	100 ug/l	100	"	"	"	"	"
1,1,1-Trichloroethane	BRL	100 ug/l	100	"	"	"	"	"
1,1,2-Trichloroethane	BRL	100 ug/l	100	"	"	"	"	"
Trichloroethene	6,010	100 ug/l	100	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	100 ug/l	100	"	"	"	"	"
1,2,3-Trichloropropane	BRL	100 ug/l	100	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	100 ug/l	100	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	100 ug/l	100	"	"	"	"	"
Vinyl chloride	168	100 ug/l	100	"	"	"	"	"
m,p-Xylene	BRL	200 ug/l	100	"	"	"	"	"
o-Xylene	BRL	100 ug/l	100	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*93.6*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*101*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*102*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*109*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-53I SA03033-07	998.90	Deionized Water	26-Sep-03 11:50	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	200 ug/l	10	SW 846 8260B	02-Oct-03	03-Oct-03	3100118	tim
Acrylonitrile	BRL	10.0 ug/l	10	"	"	"	"	"
Benzene	17.7	10.0 ug/l	10	"	"	"	"	"
Bromobenzene	BRL	10.0 ug/l	10	"	"	"	"	"
Bromochloromethane	BRL	10.0 ug/l	10	"	"	"	"	"
Bromodichloromethane	BRL	10.0 ug/l	10	"	"	"	"	"
Bromoform	BRL	10.0 ug/l	10	"	"	"	"	"
Bromomethane	BRL	20.0 ug/l	10	"	"	"	"	"
2-Butanone (MEK)	BRL	100 ug/l	10	"	"	"	"	"
n-Butylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"
sec-Butylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"
tert-Butylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"
Carbon disulfide	BRL	50.0 ug/l	10	"	"	"	"	"
Carbon tetrachloride	BRL	10.0 ug/l	10	"	"	"	"	"
Chlorobenzene	BRL	10.0 ug/l	10	"	"	"	"	"
Chloroethane	BRL	20.0 ug/l	10	"	"	"	"	"
Chloroform	BRL	10.0 ug/l	10	"	"	"	"	"
Chloromethane	BRL	20.0 ug/l	10	"	"	"	"	"
2-Chlorotoluene	BRL	10.0 ug/l	10	"	"	"	"	"
4-Chlorotoluene	BRL	10.0 ug/l	10	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	20.0 ug/l	10	"	"	"	"	"
Dibromochloromethane	BRL	10.0 ug/l	10	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	10.0 ug/l	10	"	"	"	"	"
Dibromomethane	BRL	10.0 ug/l	10	"	"	"	"	"
1,2-Dichlorobenzene	BRL	10.0 ug/l	10	"	"	"	"	"
1,3-Dichlorobenzene	BRL	10.0 ug/l	10	"	"	"	"	"
1,4-Dichlorobenzene	BRL	10.0 ug/l	10	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	20.0 ug/l	10	"	"	"	"	"
1,1-Dichloroethane	BRL	10.0 ug/l	10	"	"	"	"	"
1,2-Dichloroethane	BRL	10.0 ug/l	10	"	"	"	"	"
1,1-Dichloroethene	BRL	10.0 ug/l	10	"	"	"	"	"
cis-1,2-Dichloroethene	278	10.0 ug/l	10	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	10.0 ug/l	10	"	"	"	"	"
1,2-Dichloropropane	BRL	10.0 ug/l	10	"	"	"	"	"
1,3-Dichloropropane	BRL	10.0 ug/l	10	"	"	"	"	"
2,2-Dichloropropane	BRL	10.0 ug/l	10	"	"	"	"	"
1,1-Dichloropropene	BRL	10.0 ug/l	10	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	10.0 ug/l	10	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	10.0 ug/l	10	"	"	"	"	"
Ethylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"
Hexachlorobutadiene	BRL	10.0 ug/l	10	"	"	"	"	"
2-Hexanone (MBK)	BRL	100 ug/l	10	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-53I SA03033-07	998.90	Deionized Water	26-Sep-03 11:50	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"
4-Isopropyltoluene	BRL	10.0 ug/l	10	"	"	"	"	"
Methyl tert-butyl ether	BRL	10.0 ug/l	10	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	100 ug/l	10	"	"	"	"	"
Methylene chloride	BRL	100 ug/l	10	"	"	"	"	"
Naphthalene	BRL	10.0 ug/l	10	"	"	"	"	"
n-Propylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"
Styrene	BRL	10.0 ug/l	10	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	10.0 ug/l	10	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	10.0 ug/l	10	"	"	"	"	"
Tetrachloroethene	1,480	10.0 ug/l	10	"	"	"	"	"
Toluene	BRL	10.0 ug/l	10	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	10.0 ug/l	10	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	10.0 ug/l	10	"	"	"	"	"
1,1,1-Trichloroethane	BRL	10.0 ug/l	10	"	"	"	"	"
1,1,2-Trichloroethane	BRL	10.0 ug/l	10	"	"	"	"	"
Trichloroethene	656	10.0 ug/l	10	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	10.0 ug/l	10	"	"	"	"	"
1,2,3-Trichloropropane	BRL	10.0 ug/l	10	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	10.0 ug/l	10	"	"	"	"	"
Vinyl chloride	BRL	10.0 ug/l	10	"	"	"	"	"
m,p-Xylene	BRL	20.0 ug/l	10	"	"	"	"	"
o-Xylene	BRL	10.0 ug/l	10	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*93.6*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*109*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*112*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-40I SA03033-08	998.90	Deionized Water	26-Sep-03 12:05	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	02-Oct-03	07-Oct-03	3100118	tim
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-40I SA03033-08	998.90	Deionized Water	26-Sep-03 12:05	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*91.4*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*98.6*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*98.6*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-40S SA03033-09	998.90	Deionized Water	26-Sep-03 12:15	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	02-Oct-03	03-Oct-03	3100118	tim
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	3.43	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-40S SA03033-09	998.90	Deionized Water	26-Sep-03 12:15	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"
Methyl tert-butyl ether	1.10	1.00 ug/l	1	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Tetrachloroethene	1.78	1.00 ug/l	1	"	"	"	"	"
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Trichloroethene	14.8	1.00 ug/l	1	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*93.8*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*99.6*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*104*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*110*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-11I SA03033-10	998.90	Deionized Water	26-Sep-03 12:30	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	02-Oct-03	03-Oct-03	3100118	tim
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	20.8	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-11I SA03033-10	998.90	Deionized Water	26-Sep-03 12:30	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Tetrachloroethene	6.91	1.00 ug/l	1	"	"	"	"	"
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Trichloroethene	41.5	1.00 ug/l	1	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*93.4*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*102*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*104*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*107*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-27I SA03033-11	998.90	Deionized Water	26-Sep-03 14:45	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	100 ug/l	5	SW 846 8260B	02-Oct-03	03-Oct-03	3100118	tim
Acrylonitrile	BRL	5.00 ug/l	5	"	"	"	"	"
Benzene	31.8	5.00 ug/l	5	"	"	"	"	"
Bromobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Bromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"
Bromodichloromethane	30.0	5.00 ug/l	5	"	"	"	"	"
Bromoform	BRL	5.00 ug/l	5	"	"	"	"	"
Bromomethane	BRL	10.0 ug/l	5	"	"	"	"	"
2-Butanone (MEK)	BRL	50.0 ug/l	5	"	"	"	"	"
n-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
sec-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
tert-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Carbon disulfide	BRL	25.0 ug/l	5	"	"	"	"	"
Carbon tetrachloride	BRL	5.00 ug/l	5	"	"	"	"	"
Chlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Chloroethane	BRL	10.0 ug/l	5	"	"	"	"	"
Chloroform	BRL	5.00 ug/l	5	"	"	"	"	"
Chloromethane	BRL	10.0 ug/l	5	"	"	"	"	"
2-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"
4-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	10.0 ug/l	5	"	"	"	"	"
Dibromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	5.00 ug/l	5	"	"	"	"	"
Dibromomethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,3-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,4-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	10.0 ug/l	5	"	"	"	"	"
1,1-Dichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1-Dichloroethene	30.4	5.00 ug/l	5	"	"	"	"	"
cis-1,2-Dichloroethene	302	5.00 ug/l	5	"	"	"	"	"
trans-1,2-Dichloroethene	8.00	5.00 ug/l	5	"	"	"	"	"
1,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
1,3-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
2,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"
Ethylbenzene	19.9	5.00 ug/l	5	"	"	"	"	"
Hexachlorobutadiene	BRL	5.00 ug/l	5	"	"	"	"	"
2-Hexanone (MBK)	BRL	50.0 ug/l	5	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-27I SA03033-11	998.90	Deionized Water	26-Sep-03 14:45	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	14.4	5.00 ug/l	5	"	"	"	"	"	
4-Isopropyltoluene	BRL	5.00 ug/l	5	"	"	"	"	"	
Methyl tert-butyl ether	BRL	5.00 ug/l	5	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	50.0 ug/l	5	"	"	"	"	"	
Methylene chloride	BRL	50.0 ug/l	5	"	"	"	"	"	
Naphthalene	139	5.00 ug/l	5	"	"	"	"	"	
n-Propylbenzene	13.4	5.00 ug/l	5	"	"	"	"	"	
Styrene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Tetrachloroethene	69,800	500 ug/l	500	"	"	"	"	"	
Toluene	9.45	5.00 ug/l	5	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"	
Trichloroethene	1,550	50.0 ug/l	50	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"	
1,2,4-Trimethylbenzene	194	5.00 ug/l	5	"	"	"	"	"	
1,3,5-Trimethylbenzene	68.0	5.00 ug/l	5	"	"	"	"	"	
Vinyl chloride	BRL	5.00 ug/l	5	"	"	"	"	"	
m,p-Xylene	135	10.0 ug/l	5	"	"	"	"	"	
o-Xylene	100	5.00 ug/l	5	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*92.6*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*97.0*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*96.6*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*102*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-27I SA03033-11	998.90	Deionized Water	26-Sep-03 14:45	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Total Metals by EPA 200 Series Methods								
Cadmium	BRL	0.0025 mg/l	1	EPA 200.7	07-Oct-03	07-Oct-03	3100387	KS
Chromium	BRL	0.0050 mg/l	1	"	"	"	"	"
Copper	0.0082	0.0050 mg/l	1	"	"	"	"	"
Nickel	0.0102	0.0050 mg/l	1	"	"	"	"	"
Zinc	0.0330	0.0050 mg/l	1	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-52S SA03033-12	998.90	Deionized Water	26-Sep-03 15:15	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	2000 ug/l	100	SW 846 8260B	02-Oct-03	03-Oct-03	3100118	tim
Acrylonitrile	BRL	100 ug/l	100	"	"	"	"	"
Benzene	BRL	100 ug/l	100	"	"	"	"	"
Bromobenzene	BRL	100 ug/l	100	"	"	"	"	"
Bromochloromethane	BRL	100 ug/l	100	"	"	"	"	"
Bromodichloromethane	BRL	100 ug/l	100	"	"	"	"	"
Bromoform	BRL	100 ug/l	100	"	"	"	"	"
Bromomethane	BRL	200 ug/l	100	"	"	"	"	"
2-Butanone (MEK)	BRL	1000 ug/l	100	"	"	"	"	"
n-Butylbenzene	BRL	100 ug/l	100	"	"	"	"	"
sec-Butylbenzene	BRL	100 ug/l	100	"	"	"	"	"
tert-Butylbenzene	BRL	100 ug/l	100	"	"	"	"	"
Carbon disulfide	BRL	500 ug/l	100	"	"	"	"	"
Carbon tetrachloride	BRL	100 ug/l	100	"	"	"	"	"
Chlorobenzene	BRL	100 ug/l	100	"	"	"	"	"
Chloroethane	BRL	200 ug/l	100	"	"	"	"	"
Chloroform	BRL	100 ug/l	100	"	"	"	"	"
Chloromethane	BRL	200 ug/l	100	"	"	"	"	"
2-Chlorotoluene	BRL	100 ug/l	100	"	"	"	"	"
4-Chlorotoluene	BRL	100 ug/l	100	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	200 ug/l	100	"	"	"	"	"
Dibromochloromethane	BRL	100 ug/l	100	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	100 ug/l	100	"	"	"	"	"
Dibromomethane	BRL	100 ug/l	100	"	"	"	"	"
1,2-Dichlorobenzene	BRL	100 ug/l	100	"	"	"	"	"
1,3-Dichlorobenzene	BRL	100 ug/l	100	"	"	"	"	"
1,4-Dichlorobenzene	BRL	100 ug/l	100	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	200 ug/l	100	"	"	"	"	"
1,1-Dichloroethane	BRL	100 ug/l	100	"	"	"	"	"
1,2-Dichloroethane	BRL	100 ug/l	100	"	"	"	"	"
1,1-Dichloroethene	BRL	100 ug/l	100	"	"	"	"	"
cis-1,2-Dichloroethene	BRL	100 ug/l	100	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	100 ug/l	100	"	"	"	"	"
1,2-Dichloropropane	BRL	100 ug/l	100	"	"	"	"	"
1,3-Dichloropropane	BRL	100 ug/l	100	"	"	"	"	"
2,2-Dichloropropane	BRL	100 ug/l	100	"	"	"	"	"
1,1-Dichloropropene	BRL	100 ug/l	100	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	100 ug/l	100	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	100 ug/l	100	"	"	"	"	"
Ethylbenzene	BRL	100 ug/l	100	"	"	"	"	"
Hexachlorobutadiene	BRL	100 ug/l	100	"	"	"	"	"
2-Hexanone (MBK)	BRL	1000 ug/l	100	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-52S SA03033-12	998.90	Deionized Water	26-Sep-03 15:15	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	100 ug/l	100	"	"	"	"	"
4-Isopropyltoluene	BRL	100 ug/l	100	"	"	"	"	"
Methyl tert-butyl ether	BRL	100 ug/l	100	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	1000 ug/l	100	"	"	"	"	"
Methylene chloride	BRL	1000 ug/l	100	"	"	"	"	"
Naphthalene	271	100 ug/l	100	"	"	"	"	"
n-Propylbenzene	BRL	100 ug/l	100	"	"	"	"	"
Styrene	BRL	100 ug/l	100	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	100 ug/l	100	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	100 ug/l	100	"	"	"	"	"
Tetrachloroethene	89,900	1000 ug/l	1000	"	"	"	"	"
Toluene	BRL	100 ug/l	100	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	100 ug/l	100	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	100 ug/l	100	"	"	"	"	"
1,1,1-Trichloroethane	BRL	100 ug/l	100	"	"	"	"	"
1,1,2-Trichloroethane	BRL	100 ug/l	100	"	"	"	"	"
Trichloroethene	444	100 ug/l	100	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	100 ug/l	100	"	"	"	"	"
1,2,3-Trichloropropane	BRL	100 ug/l	100	"	"	"	"	"
1,2,4-Trimethylbenzene	376	100 ug/l	100	"	"	"	"	"
1,3,5-Trimethylbenzene	151	100 ug/l	100	"	"	"	"	"
Vinyl chloride	BRL	100 ug/l	100	"	"	"	"	"
m,p-Xylene	BRL	200 ug/l	100	"	"	"	"	"
o-Xylene	118	100 ug/l	100	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*94.6*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*110*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-52S SA03033-12	998.90	Deionized Water	26-Sep-03 15:15	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Total Metals by EPA 200 Series Methods								
Cadmium	BRL	0.0025 mg/l	1	EPA 200.7	07-Oct-03	07-Oct-03	3100387	KS
Chromium	16.8	0.0050 mg/l	1	"	"	"	"	"
Copper	0.127	0.0050 mg/l	1	"	"	"	"	"
Nickel	1.86	0.0050 mg/l	1	"	"	"	"	"
Zinc	0.211	0.0050 mg/l	1	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-16SR SA03033-13	998.90	Deionized Water	26-Sep-03 15:45	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method		Volatiles				
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	02-Oct-03	06-Oct-03	3100118	tim
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	1.03	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	3.85	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-16SR SA03033-13	998.90	Deionized Water	26-Sep-03 15:45	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Tetrachloroethene	BRL	1.50 ug/l	1	"	"	"	"	"
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Trichloroethene	41.4	1.00 ug/l	1	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Vinyl chloride	2.81	1.00 ug/l	1	"	"	"	"	"
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*96.2*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*98.0*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*98.4*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*105*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-16SR SA03033-13	998.90	Deionized Water	26-Sep-03 15:45	26-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Total Metals by EPA 200 Series Methods								
Cadmium	BRL	0.0025 mg/l	1	EPA 200.7	07-Oct-03	07-Oct-03	3100387	KS
Chromium	0.0598	0.0050 mg/l	1	"	"	"	"	"
Copper	0.0181	0.0050 mg/l	1	"	"	"	"	"
Nickel	23.0	0.0050 mg/l	1	"	"	"	"	"
Zinc	0.0137	0.0050 mg/l	1	"	"	"	"	"

Close File

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 3100118 - Volatiles										
Blank (3100118-BLK1)				Prepared & Analyzed: 02-Oct-03						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
sec-Butylbenzene	BRL	1.00	ug/l							
tert-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							
Chlorobenzene	BRL	1.00	ug/l							
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Chlorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
1,2-Dichlorobenzene	BRL	1.00	ug/l							
1,3-Dichlorobenzene	BRL	1.00	ug/l							
1,4-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.00	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
Ethylbenzene	BRL	1.00	ug/l							
Hexachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/l							
Tetrachloroethene	BRL	1.00	ug/l							
Toluene	BRL	1.00	ug/l							
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							

Close File

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 3100118 - Volatiles										
Blank (3100118-BLK1)				Prepared & Analyzed: 02-Oct-03						
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*46.6*		ug/l	*50.0*		*93.2*	*70-130*			
Surrogate: Toluene-d8	*49.2*		ug/l	*50.0*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*50.0*		ug/l	*50.0*		*100*	*70-130*			
Surrogate: Dibromofluoromethane	*52.4*		ug/l	*50.0*		*105*	*70-130*			
Matrix Spike (3100118-MS1)		**Source: SA03033-10**		Prepared: 02-Oct-03 Analyzed: 03-Oct-03						
Benzene	16.3		ug/l	20.0	BRL	81.5	70-130			
Chlorobenzene	16.5		ug/l	20.0	BRL	82.5	70-130			
1,1-Dichloroethene	17.6		ug/l	20.0	BRL	88.0	70-130			
Toluene	17.1		ug/l	20.0	BRL	85.5	70-130			
Trichloroethene	58.8		ug/l	20.0	41.5	86.5	70-130			
Surrogate: 4-Bromofluorobenzene	*46.6*		ug/l	*50.0*		*93.2*	*70-130*			
Surrogate: Toluene-d8	*50.2*		ug/l	*50.0*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*50.7*		ug/l	*50.0*		*101*	*70-130*			
Surrogate: Dibromofluoromethane	*53.5*		ug/l	*50.0*		*107*	*70-130*			
Matrix Spike Dup (3100118-MSD1)		**Source: SA03033-10**		Prepared: 02-Oct-03 Analyzed: 03-Oct-03						
Benzene	19.5		ug/l	20.0	BRL	97.5	70-130	17.9	30	
Chlorobenzene	20.9		ug/l	20.0	BRL	104	70-130	23.1	30	
1,1-Dichloroethene	20.8		ug/l	20.0	BRL	104	70-130	16.7	30	
Toluene	20.1		ug/l	20.0	BRL	100	70-130	15.6	30	
Trichloroethene	62.9		ug/l	20.0	41.5	107	70-130	21.2	30	
Surrogate: 4-Bromofluorobenzene	*49.7*		ug/l	*50.0*		*99.4*	*70-130*			
Surrogate: Toluene-d8	*50.0*		ug/l	*50.0*		*100*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*50.5*		ug/l	*50.0*		*101*	*70-130*			
Surrogate: Dibromofluoromethane	*53.7*		ug/l	*50.0*		*107*	*70-130*			

Close File

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 3100387 - EPA 200 Series										
Blank (3100387-BLK1)				Prepared & Analyzed: 07-Oct-03						
Nickel	BRL	0.0050	mg/l							
Zinc	BRL	0.0050	mg/l							
Cadmium	BRL	0.0025	mg/l							
Chromium	BRL	0.0050	mg/l							
Copper	BRL	0.0050	mg/l							
LCS (3100387-BS1)				Prepared & Analyzed: 07-Oct-03						
Nickel	0.859	0.0050	mg/l	1.00		85.9	85-115			
Zinc	0.939	0.0050	mg/l	1.00		93.9	85-115			
Cadmium	0.919	0.0025	mg/l	1.00		91.9	85-115			
Chromium	0.878	0.0050	mg/l	1.00		87.8	85-115			
Copper	0.871	0.0050	mg/l	1.00		87.1	85-115			
Duplicate (3100387-DUP1)		**Source: SA02902-01**		Prepared & Analyzed: 07-Oct-03						
Nickel	BRL	0.0025	mg/l		BRL				200	
Zinc	0.0042	0.0025	mg/l		0.0046			9.09	200	
Cadmium	BRL	0.0012	mg/l		BRL				200	
Chromium	BRL	0.0025	mg/l		BRL				200	
Copper	BRL	0.0025	mg/l		BRL				200	
Matrix Spike (3100387-MS1)		**Source: SA02877-01**		Prepared & Analyzed: 07-Oct-03						
Nickel	0.0672	0.0025	mg/l	0.100	0.0015	65.7	70-130			QM-07
Zinc	0.0832	0.0025	mg/l	0.100	0.0177	65.5	70-130			QM-07
Cadmium	0.0715	0.0012	mg/l	0.100	BRL	71.5	70-130			
Chromium	0.0710	0.0025	mg/l	0.100	0.0018	69.2	70-130			QM-07
Copper	0.0818	0.0025	mg/l	0.100	0.0028	79.0	70-130			

Close File

Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

BRL Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Close File

Close File

1/21/03 - 1/23/03

data

COPY: Close File
RET. WMB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Massachusetts Certification # M-MA138
Rhode Island # 98 Maine # MA138
Florida # E87600 / 87562
New Hampshire # 2538
Connecticut # PH-0777
New York # 11393

ACCREDITED IN ACCORDANCE WITH nelac

RMT, Inc
100 Verdae Blvd.
Greenville, SC 29607

Attn: Mark Miesfeldt

Thursday, January 30, 2003

Report Status:
- ☑ Final Report
- ☐ Re-issued Report
- ☐ Revised Report

Client Project Number: 998.81 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AD65322	TB	VOCs by GC/MS
AD65323	MW-20B-PD	VOCs by GC/MS
AD65324	MW-20B	VOCs by GC/MS
AD65325	MW-20C-PD	VOCs by GC/MS
AD65326	MW-20C	VOCs by GC/MS
AD65327	MW-24S-PD	VOCs by GC/MS
AD65328	MW-24S	VOCs by GC/MS
AD65329	MW-53I-PD	VOCs by GC/MS
AD65330	MW-53I	VOCs by GC/MS
AD65331	MW-11I-PD	VOCs by GC/MS
AD65332	MW-11I	VOCs by GC/MS
AD65333	MW-32S-PD	VOCs by GC/MS
AD65334	MW-32S	VOCs by GC/MS
AD65335	MW-32I-PD	VOCs by GC/MS
AD65336	MW-32I	VOCs by GC/MS
AD65337	MW-51S-PD	VOCs by GC/MS
AD65338	MW-51S	VOCs by GC/MS

QC-LCH, 2/18/03: COC, TEMP, METHOD, DL, HT, TB ✓
QC ✓
no flags ✓

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.81 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC including any data obtained from a subcontract laboratory. Please note that all solid matrix sample results are calculated on a dry weight basis unless otherwise specified.

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: MTD - Westfield, MA
Client: RMT
Lab ID No: AD65322
Client Id: TB

Client Project No: 998.81
Submittal Date: 1/23/2003
Collection Date: 1/20/2003
Matrix Deionized Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65322
Client Id: TB

Collection Date: 1/20/2003
Matrix Deionized Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.5	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	95	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65323
Client Id: MW-20B-PD

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	2.1	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	44	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65323
Client Id: MW-20B-PD

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	2.8	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	4.4	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	9.5	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	32	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65324
Client Id: MW-20B

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	2.6	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	1.1	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	49	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65324
Client Id: MW-20B

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	2.9	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	6.1	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	15	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	32	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	102	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	102	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65325
Client Id: MW-20C-PD

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65325
Client Id: MW-20C-PD

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65326
Client Id: MW-20C

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	1.6	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	4.0	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	110	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	1.1	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65326
Client Id: MW-20C

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	35	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	410	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	81	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65327
Client Id: MW-24S-PD

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	1000	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	100	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	500	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	250	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	100	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	100	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	100	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	100	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	57	ug/L	50	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	68	ug/L	50	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	2,100	ug/L	50	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65327
Client Id: MW-24S-PD

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	500	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	500	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	2,300	ug/L	50	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	260	ug/L	50	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	37,500	ug/L	50	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Vinyl chloride	1,100	ug/L	50	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	100	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	95	ug/L	0.00	1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L	0.00	1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L	0.00	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65328
Client Id: MW-24S

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	500	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	250	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	130	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	33	ug/L	25	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	40	ug/L	25	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	1,200	ug/L	25	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65328
Client Id: MW-24S

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	250	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	250	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	35	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	1,200	ug/L	25	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	140	ug/L	25	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	19,600	ug/L	25	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Vinyl chloride	650	ug/L	25	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L	0.00	1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L	0.00	1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L	0.00	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65329
Client Id: MW-53I-PD

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Benzene	20	ug/L	5.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	10	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	10	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	10	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	180	ug/L	5.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65329
Client Id: MW-53I-PD

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	10	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	2,100	ug/L	5.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	810	ug/L	5.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10	1/27/2003	TR	SW846 8260B
o-Xylene	5.2	ug/L	5.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L	0.00	1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L	0.00	1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	101	ug/L	0.00	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65330
Client Id: MW-53I

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Benzene	14	ug/L	5.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	10	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	10	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	10	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	130	ug/L	5.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65330
Client Id: MW-53I

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	15	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	1,400	ug/L	5.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	600	ug/L	5.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L	0.00	1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L	0.00	1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	101	ug/L	0.00	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65331
Client Id: MW-11I-PD

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	20	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65331
Client Id: MW-11I-PD

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
I,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	6.9	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	39	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	99	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65332
Client Id: MW-11I

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	15	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65332
Client Id: MW-11I

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	5.1	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	28	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65333
Client Id: MW-32S-PD

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	1.1	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65333
Client Id: MW-32S-PD

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	5.1	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65334
Client Id: MW-32S

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	1.3	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	2.9	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65334
Client Id: MW-32S

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	1.1	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	1.5	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	27	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	101	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65335
Client Id: MW-32I-PD

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	9.9	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	1.5	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	260	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65335
Client Id: MW-32I-PD

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	15	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	160	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	21	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	95	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65336
Client Id: MW-32I

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	6.5	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	1.1	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	180	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65336
Client Id: MW-32I

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	10	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	120	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	15	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65337
Client Id: MW-51S-PD

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/28/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
sec-Butylbenzene	1.7	ug/L	1.0	1/28/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/28/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	5.9	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B

Close File

Lab ID No: AD65337
Client Id: MW-51S-PD

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichloroethene (TCE)	1.8	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Vinyl chloride	1.5	ug/L	1.0	1/28/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		1/28/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		1/28/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	102	ug/L		1/28/2003	TR	SW846 8260B

Close File

Lab ID No: AD65338
Client Id: MW-51S

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/28/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
sec-Butylbenzene	2.3	ug/L	1.0	1/28/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/28/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	6.6	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B

Close File

Lab ID No: AD65338
Client Id: MW-51S

Collection Date: 1/22/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Naphthalene	1.1	ug/L	1.0	1/28/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichloroethene (TCE)	3.4	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Vinyl chloride	1.7	ug/L	1.0	1/28/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	104	ug/L		1/28/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	99	ug/L		1/28/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L		1/28/2003	TR	SW846 8260B

Reviewed by:

Quality Service/Quality Assurance Depts.

Validated by:

President/Laboratory Director

1/30/2003

Close File

COPY
RET. WMB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Massachusetts Certification # M-MA138
Rhode Island # 98 Maine # MA138
Florida # E87600 / 87562
New Hampshire # 2538
Connecticut # PH-0777
New York # 11393

ACCREDITED IN ACCORDANCE WITH nelac

RMT, Inc
100 Verdae Blvd.
Greenville, SC 29607

Attn: Mark Miesfieldt

Friday, January 31, 2003

Report Status:
- ☑ Final Report
- ☐ Re-issued Report
- ☐ Revised Report

Client Project Number: 99881

Location: MTD Columbia - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AD65498	MW-40S-PD	VOCs by GC/MS
AD65499	MW-40S	VOCs by GC/MS
AD65500	MW-40I-PD	VOCs by GC/MS
AD65501	MW-45S-PD	VOCs by GC/MS
AD65502	MW-45S	VOCs by GC/MS
AD65503	MW-46S-PD	VOCs by GC/MS
AD65504	MW-46S	VOCs by GC/MS
AD65505	MW-40I	VOCs by GC/MS
AD65506	MW-43S-PD	VOCs by GC/MS
AD65507	MW-43S	VOCs by GC/MS
AD65508	TB	VOCs by GC/MS

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC including any data obtained from a subcontract laboratory. Please note that all solid matrix sample results are calculated on a dry weight basis unless otherwise specified.

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

QC - LCH, 2/18/03: COC, TEMP, METHOD, DL, HT ✓
TB ✓
QC ✓
no flags ✓

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: MTD Columbia - Westfield, MA
Client: RMT
Lab ID No: AD65498
Client Id: MW-40S-PD

Client Project No: 99881
Submittal Date: 1/24/2003
Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/28/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Carbon disulfide	10	ug/L	5.0	1/28/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	23	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B

Close File

Lab ID No: AD65498
Client Id: MW-40S-PD

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	8.8	ug/L	1.0	1/28/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichloroethene (TCE)	130	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L		1/28/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		1/28/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	99	ug/L		1/28/2003	TR	SW846 8260B

Close File

Lab ID No: AD65499
Client Id: MW-40S

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	12	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65499
Client Id: MW-40S

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	4.5	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	60	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	91	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	97	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65500
Client Id: MW-40I-PD

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65500
Client Id: MW-40I-PD

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	99	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65501
Client Id: MW-45S-PD

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65501
Client Id: MW-45S-PD

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65502
Client Id: MW-45S

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65502
Client Id: MW-45S

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65503
Client Id: MW-46S-PD

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/27/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/27/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Chloroform	1.7	ug/L	1.0	1/27/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	7.7	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65503
Client Id: MW-46S-PD

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/27/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichloroethene (TCE)	19	ug/L	1.0	1/27/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/27/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/27/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L		1/27/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		1/27/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L		1/27/2003	TR	SW846 8260B

Close File

Lab ID No: AD65504
Client Id: MW-46S

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/28/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/28/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Chloroform	1.9	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	16	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B

Close File

Lab ID No: AD65504
Client Id: MW-46S

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichloroethene (TCE)	37	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L		1/28/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		1/28/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	99	ug/L		1/28/2003	TR	SW846 8260B

Close File

Lab ID No: AD65505
Client Id: MW-40I

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/28/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/28/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B

Close File

Lab ID No: AD65505
Client Id: MW-40I

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L		1/28/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		1/28/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	99	ug/L		1/28/2003	TR	SW846 8260B

Close File

Lab ID No: AD65506
Client Id: MW-43S-PD

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/28/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/28/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B

Close File

Lab ID No: AD65506
Client Id: MW-43S-PD

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	95	ug/L		1/28/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		1/28/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L		1/28/2003	TR	SW846 8260B

Close File

Lab ID No: AD65507
Client Id: MW-43S

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/28/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/28/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B

Close File

Lab ID No: AD65507
Client Id: MW-43S

Collection Date: 1/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	95	ug/L		1/28/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		1/28/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	99	ug/L		1/28/2003	TR	SW846 8260B

Close File

Lab ID No: AD65508
Client Id: TB

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	1/28/2003	TR	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Benzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	1/28/2003	TR	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B

Close File

Lab ID No: AD65508
Client Id: TB

Collection Date: 1/21/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	1/28/2003	TR	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Styrene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Toluene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	1/28/2003	TR	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	1/28/2003	TR	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/L		1/28/2003	TR	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		1/28/2003	TR	SW846 8260B
Chlorobenzene-d5 (%SR)	100	ug/L		1/28/2003	TR	SW846 8260B

Reviewed by:

Quality Service/Quality Assurance Depts.

Validated by:

President/Laboratory Director

1/31/2003

Close File

Close File

9/26/01 - 9/27/01

Close File

COPY: BC, FILE RET. WMB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Massachusetts Certification # M-MA138
Rhode Island # 98 Maine # MA138
Florida # E87600 / 87562
New Hampshire # 2538
Connecticut # PH-0777
New York # 11393

ACCREDITED IN ACCORDANCE WITH

RMT, Inc
100 Verdae Blvd.
Greenville, SC 29607

Attn: Mark Meisfeldt

Monday, October 01, 2001

Report Status:
- ☑ Final Report
- ☐ Re-issued Report
- ☐ Revised Report

Client Project Number: 998.62

Location: MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC73112	MW-24D	VOCs by GC/MS
AC73113	MW-24I	VOCs by GC/MS
AC73114	MW-24ID	VOCs by GC/MS
AC73115	MW-24S	VOCs by GC/MS
AC73116	MW-20C	VOCs by GC/MS
AC73117	MW-40I	VOCs by GC/MS
AC73118	MW-40S	VOCs by GC/MS
AC73119	MW-11I	VOCs by GC/MS
AC73120	MW-45S	VOCs by GC/MS
AC73121	Tblk-01	VOCs by GC/MS
AC73122	Dup-01	VOCs by GC/MS
AC73123	Fblk-01	VOCs by GC/MS
AC73124	MW-20B	VOCs by GC/MS

QC - LCH, 11/20/01: COC, TEMP, HT, METHOD, FBLK, TBLK ✓
LEVEL 3 QC ✓
DUP-01 = MW-24I ✓

Due to LCS recovery greater than upper control limit, the following positive sample results for vinyl chloride shall be qualified with a "j": MW-24I MW-20C MW-20B MW-24S DUP-01

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.62 **Location:** MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC including any data obtained from a subcontract laboratory. Please note that all solid matrix sample results are calculated on a dry weight basis unless otherwise specified.

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: MTD - Westfield, MA
Client: RMT
Lab ID No: AC73112
Client Id: MW-24D

Client Project No: 998.62
Submittal Date: 9/27/01
Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73112
Client Id: MW-24D

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	95	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73113
Client Id: MW-24I

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	1000	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	500	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	250	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	120	ug/L	50.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73113
Client Id: MW-24I

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	500	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	500	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	150	ug/L	50.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	3,200	ug/L	50.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Vinyl chloride	65	ug/L	50.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	92	ug/L	0.000	9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	104	ug/L	0.000	9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	92	ug/L	0.000	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73114
Client Id: MW-24ID

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73114
Client Id: MW-24ID

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	10	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	95	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	94	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73115
Client Id: MW-24S

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	1000	9/28/01	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Benzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Bromoform	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	100	9/28/01	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	500	9/28/01	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	250	9/28/01	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	100	9/28/01	KW	SW846 8260B
Chloroform	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	100	9/28/01	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	100	9/28/01	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	100	9/28/01	KW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
cis-1,2-Dichloroethene	380	ug/L	50.0	9/28/01	KW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B

Close File

Lab ID No: AC73115
Client Id: MW-24S

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	500	9/28/01	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	500	9/28/01	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Styrene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Tetrachloroethene (PCE)	500	ug/L	50.0	9/28/01	KW	SW846 8260B
Toluene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Trichloroethene (TCE)	6,100	ug/L	50.0	9/28/01	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
Vinyl chloride	300	ug/L	50.0	9/28/01	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	100	9/28/01	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	50.0	9/28/01	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L	0.000	9/28/01	KW	SW846 8260B
1,4-Difluorobenzene (%SR)	99	ug/L	0.000	9/28/01	KW	SW846 8260B
Chlorobenzene-d5 (%SR)	94	ug/L	0.000	9/28/01	KW	SW846 8260B

Close File

Lab ID No: AC73116
Client Id: MW-20C

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	24	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73116
Client Id: MW-20C

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	6.7	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	180	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	18	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	94	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	93	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73117
Client Id: MW-40I

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73117
Client Id: MW-40I

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	3.5	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	94	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73118
Client Id: MW-40S

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	3.6	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	70	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73118
Client Id: MW-40S

Collection Date: 9/26/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	22	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	1.6	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	370	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	94	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	93	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73119
Client Id: MW-11I

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	13	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73119
Client Id: MW-11I

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	3.9	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	13	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	95	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	95	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73120
Client Id: MW-45S

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	2.2	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	38	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73120
Client Id: MW-45S

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	1.8	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	24	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	95	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	94	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73121
Client Id: Tblk-01

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73121
Client Id: Tblk-01

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	94	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	93	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73122
Client Id: Dup-01

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	1000	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	500	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	250	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	120	ug/L	50.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73122
Client Id: Dup-01

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	500	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	500	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	150	ug/L	50.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	2,800	ug/L	50.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
Vinyl chloride	57	ug/L	50.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	100	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	50.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	91	ug/L	0.000	9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	103	ug/L	0.000	9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	91	ug/L	0.000	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73123
Client Id: Fblk-01

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	30.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73123
Client Id: Fblk-01

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	96	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	104	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	95	ug/L		9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73124
Client Id: MW-20B

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/29/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
sec-Butylbenzene	3.6	ug/L	1.0	9/29/01	GW	SW846 8260B
tert-Butylbenzene	1.3	ug/L	1.0	9/29/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/29/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethane	2.4	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloroethene	3.9	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,2-Dichloroethene	110	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,2-Dichloroethene	1.5	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B

Close File

Lab ID No: AC73124
Client Id: MW-20B

Collection Date: 9/27/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Isopropylbenzene	3.0	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/29/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Naphthalene	1.6	ug/L	1.0	9/29/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Tetrachloroethene (PCE)	55	ug/L	1.0	9/29/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichloroethene (TCE)	84	ug/L	1.0	9/29/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
Vinyl chloride	96	ug/L	1.0	9/29/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/29/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/29/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	109	ug/L		9/29/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	102	ug/L		9/29/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	103	ug/L		9/29/01	GW	SW846 8260B

Reviewed by:

Quality Service/Quality Assurance Depts.

Validated by:

President/Laboratory Director

10/1/01

Close File

9/24/01 Data

9/25/01

Close File

COPY: BC, FILE REF: WMB

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Massachusetts Certification # M-MA138
Rhode Island # 98 Maine # MA138
Florida # E87600 / 87562
New Hampshire # 2538
Connecticut # PH-0777
New York # 11393

ACCREDITED IN ACCORDANCE WITH NELAC

RMT, Inc
100 Verdae Blvd.
Greenville, SC 29607

Attn: Mark Meisfeldt

Thursday, September 27, 2001

Report Status:
- ☑ Final Report
- ☐ Re-issued Report
- ☐ Revised Report

Client Project Number: 998.62

Location: MTD - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AC72565	MW-43S	VOCs by GC/MS
AC72566	MW-32S	VOCs by GC/MS
AC72567	MW-32I	VOCs by GC/MS
AC72568	MW-46S	VOCs by GC/MS
AC72569	MW-51S	VOCs by GC/MS
AC72570	MW-13S	VOCs by GC/MS
AC72571	MW-18A	VOCs by GC/MS
AC72572	MW-27S	VOCs by GC/MS
AC72573	MW-41S	VOCs by GC/MS

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC including any data obtained from a subcontract laboratory. Please note that all solid matrix sample results are calculated on a dry weight basis unless otherwise specified.

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

QC - LCH, 11/20/01: COC, HT, METHOD ✓
TEMP IS ACCEPTABLE DUE TO SHORT DURATION ON ICE IN TRANSIT TO LAB. NOT ENOUGH TIME TO BE CHILLED.
LEVEL 3 QC ✓
No data validation flags to be added.

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: MTD - Westfield, MA
Client: RMT
Lab ID No: AC72565
Client Id: MW-43S

Client Project No: 998.62
Submittal Date: 9/25/01
Collection Date: 9/24/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	3.3	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72565
Client Id: MW-43S

Collection Date: 9/24/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	1.7	ug/L	1.0	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	20	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L		9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L		9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72566
Client Id: MW-32S

Collection Date: 9/24/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	1.1	ug/L	1.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	16	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	2.1	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	11	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	2.0	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72566
Client Id: MW-32S

Collection Date: 9/24/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	1.9	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	2.8	ug/L	1.0	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	7.4	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Vinyl chloride	250	ug/L	1.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	99	ug/L		9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72567
Client Id: MW-32I

Collection Date: 9/24/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Benzene	5.5	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	1.4	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	140	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72567
Client Id: MW-32I

Collection Date: 9/24/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	4.8	ug/L	1.0	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	100	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Vinyl chloride	12	ug/L	1.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L		9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L		9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72568
Client Id: MW-46S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	71	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72568
Client Id: MW-46S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	4.9	ug/L	1.0	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	150	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/L		9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	97	ug/L		9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72569
Client Id: MW-51S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	100	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	50.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	25.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	42	ug/L	5.00	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72569
Client Id: MW-51S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	50.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	50.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	190	ug/L	5.00	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
Vinyl chloride	7.0	ug/L	5.00	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	5.00	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	89	ug/L	0.000	9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L	0.000	9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	92	ug/L	0.000	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72570
Client Id: MW-13S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	2.2	ug/L	1.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	2.6	ug/L	1.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	1.4	ug/L	1.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	1.0	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	4.4	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72570
Client Id: MW-13S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	1.0	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	2.1	ug/L	1.0	9/26/01	GW	SW846 8260B
Toluene	5.9	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	42	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Vinyl chloride	2.9	ug/L	1.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L		9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72571
Client Id: MW-18A

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	200	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	100	9/26/01	GW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	50.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	56	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	800	ug/L	10.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	55	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72571
Client Id: MW-18A

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	100	9/26/01	GW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	100	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Naphthalene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Vinyl chloride	290	ug/L	10.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	79	ug/L	0.000	9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L	0.000	9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	87	ug/L	0.000	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72572
Client Id: MW-27S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	2.8	ug/L	1.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	1.4	ug/L	1.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Chloroform	4.8	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloromethane	2.3	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72572
Client Id: MW-27S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	1.9	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Naphthalene	2.8	ug/L	1.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	3.6	ug/L	1.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	25	ug/L	1.0	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	2.6	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	4.3	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	101	ug/L		9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	98	ug/L		9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72573
Client Id: MW-41S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	9/26/01	GW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
n-Butylbenzene	2.8	ug/L	1.0	9/26/01	GW	SW846 8260B
sec-Butylbenzene	2.3	ug/L	1.0	9/26/01	GW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	9/26/01	GW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethane	3.2	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,2-Dichloroethene	10	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Ethylbenzene	3.4	ug/L	1.0	9/26/01	GW	SW846 8260B

Close File

Lab ID No: AC72573
Client Id: MW-41S

Collection Date: 9/25/01
Matrix: Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Isopropylbenzene	2.9	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	9/26/01	GW	SW846 8260B
Methylene chloride	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Naphthalene	3.4	ug/L	1.0	9/26/01	GW	SW846 8260B
n-Propylbenzene	3.1	ug/L	1.0	9/26/01	GW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Tetrachloroethene (PCE)	5.7	ug/L	1.0	9/26/01	GW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichloroethene (TCE)	7.8	ug/L	1.0	9/26/01	GW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
Vinyl chloride	1.6	ug/L	1.0	9/26/01	GW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	9/26/01	GW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	9/26/01	GW	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		9/26/01	GW	SW846 8260B
1,4-Difluorobenzene (%SR)	100	ug/L		9/26/01	GW	SW846 8260B
Chlorobenzene-d5 (%SR)	99	ug/L		9/26/01	GW	SW846 8260B

Reviewed by:

Quality Service/Quality Assurance Depts.

Validated by:

President/Laboratory Director

9/27/01

Close File

Close File

RW

9/12/03

data

Close File

998.89

Report Date:
18-Sep-03 15:43

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

RMT, Inc.
100 Verdae Blvd.
Greenville, SC 29607
Attn: Barry Culp

Project:MTD-Columbia - Westfield, MA
Project #:998.89

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA02261-01	RW-01	Ground Water	12-Sep-03 15:30	12-Sep-03 17:45
SA02261-02	RW-02	Ground Water	12-Sep-03 15:40	12-Sep-03 17:45
SA02261-03	RW-03	Ground Water	12-Sep-03 15:50	12-Sep-03 17:45
SA02261-04	RW-04	Ground Water	12-Sep-03 16:00	12-Sep-03 17:45
SA02261-05	RW-05	Ground Water	12-Sep-03 16:10	12-Sep-03 17:45
SA02261-06	RW-06	Ground Water	12-Sep-03 16:20	12-Sep-03 17:45
SA02261-07	RW-07	Ground Water	12-Sep-03 16:30	12-Sep-03 17:45
SA02261-08	Trip Blank	Ground Water	11-Sep-03 00:00	12-Sep-03 17:45

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC.
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Massachusetts Certification # M-MA138
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal G. Tayeh, Ph.D.
President/Laboratory Director

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RW-01 SA02261-01	998.89	Ground Water	12-Sep-03 15:30	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	100 ug/l	5	SW 846 8260B	16-Sep-03	16-Sep-03	3090868	tim
Acrylonitrile	BRL	5.00 ug/l	5	"	"	"	"	"
Benzene	BRL	5.00 ug/l	5	"	"	"	"	"
Bromobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Bromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"
Bromodichloromethane	BRL	5.00 ug/l	5	"	"	"	"	"
Bromoform	BRL	5.00 ug/l	5	"	"	"	"	"
Bromomethane	BRL	10.0 ug/l	5	"	"	"	"	"
2-Butanone (MEK)	BRL	50.0 ug/l	5	"	"	"	"	"
n-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
sec-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
tert-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Carbon disulfide	BRL	25.0 ug/l	5	"	"	"	"	"
Carbon tetrachloride	BRL	5.00 ug/l	5	"	"	"	"	"
Chlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Chloroethane	BRL	10.0 ug/l	5	"	"	"	"	"
Chloroform	BRL	5.00 ug/l	5	"	"	"	"	"
Chloromethane	BRL	10.0 ug/l	5	"	"	"	"	"
2-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"
4-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	10.0 ug/l	5	"	"	"	"	"
Dibromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	5.00 ug/l	5	"	"	"	"	"
Dibromomethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,3-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,4-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	10.0 ug/l	5	"	"	"	"	"
1,1-Dichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1-Dichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"
cis-1,2-Dichloroethene	75.7	5.00 ug/l	5	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
1,3-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
2,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"
Ethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Hexachlorobutadiene	BRL	5.00 ug/l	5	"	"	"	"	"
2-Hexanone (MBK)	BRL	50.0 ug/l	5	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RW-01 SA02261-01	998.89	Ground Water	12-Sep-03 15:30	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
4-Isopropyltoluene	BRL	5.00 ug/l	5	"	"	"	"	"
Methyl tert-butyl ether	BRL	5.00 ug/l	5	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	50.0 ug/l	5	"	"	"	"	"
Methylene chloride	BRL	50.0 ug/l	5	"	"	"	"	"
Naphthalene	BRL	5.00 ug/l	5	"	"	"	"	"
n-Propylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Styrene	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
Tetrachloroethene	7.45	5.00 ug/l	5	"	"	"	"	"
Toluene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,1-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,2-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
Trichloroethene	187	5.00 ug/l	5	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,3-Trichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Vinyl chloride	6.30	5.00 ug/l	5	"	"	"	"	"
m,p-Xylene	BRL	10.0 ug/l	5	"	"	"	"	"
o-Xylene	BRL	5.00 ug/l	5	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*93.2*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*99.0*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*107*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*106*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RW-02 SA02261-02	998.89	Ground Water	12-Sep-03 15:40	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	200 ug/l	20	SW 846 8260B	16-Sep-03	16-Sep-03	3090868	tim
Acrylonitrile	BRL	10.0 ug/l	20	"	"	"	"	"
Benzene	BRL	10.0 ug/l	20	"	"	"	"	"
Bromobenzene	BRL	10.0 ug/l	20	"	"	"	"	"
Bromochloromethane	BRL	10.0 ug/l	20	"	"	"	"	"
Bromodichloromethane	BRL	10.0 ug/l	20	"	"	"	"	"
Bromoform	BRL	10.0 ug/l	20	"	"	"	"	"
Bromomethane	BRL	20.0 ug/l	20	"	"	"	"	"
2-Butanone (MEK)	BRL	100 ug/l	20	"	"	"	"	"
n-Butylbenzene	BRL	10.0 ug/l	20	"	"	"	"	"
sec-Butylbenzene	BRL	10.0 ug/l	20	"	"	"	"	"
tert-Butylbenzene	BRL	10.0 ug/l	20	"	"	"	"	"
Carbon disulfide	BRL	50.0 ug/l	20	"	"	"	"	"
Carbon tetrachloride	BRL	10.0 ug/l	20	"	"	"	"	"
Chlorobenzene	BRL	10.0 ug/l	20	"	"	"	"	"
Chloroethane	BRL	20.0 ug/l	20	"	"	"	"	"
Chloroform	BRL	10.0 ug/l	20	"	"	"	"	"
Chloromethane	BRL	20.0 ug/l	20	"	"	"	"	"
2-Chlorotoluene	BRL	10.0 ug/l	20	"	"	"	"	"
4-Chlorotoluene	BRL	10.0 ug/l	20	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	20.0 ug/l	20	"	"	"	"	"
Dibromochloromethane	BRL	10.0 ug/l	20	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	10.0 ug/l	20	"	"	"	"	"
Dibromomethane	BRL	10.0 ug/l	20	"	"	"	"	"
1,2-Dichlorobenzene	BRL	10.0 ug/l	20	"	"	"	"	"
1,3-Dichlorobenzene	BRL	10.0 ug/l	20	"	"	"	"	"
1,4-Dichlorobenzene	BRL	10.0 ug/l	20	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	20.0 ug/l	20	"	"	"	"	"
1,1-Dichloroethane	BRL	10.0 ug/l	20	"	"	"	"	"
1,2-Dichloroethane	BRL	10.0 ug/l	20	"	"	"	"	"
1,1-Dichloroethene	BRL	10.0 ug/l	20	"	"	"	"	"
cis-1,2-Dichloroethene	90.0	10.0 ug/l	20	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	10.0 ug/l	20	"	"	"	"	"
1,2-Dichloropropane	BRL	10.0 ug/l	20	"	"	"	"	"
1,3-Dichloropropane	BRL	10.0 ug/l	20	"	"	"	"	"
2,2-Dichloropropane	BRL	10.0 ug/l	20	"	"	"	"	"
1,1-Dichloropropene	BRL	10.0 ug/l	20	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	10.0 ug/l	20	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	10.0 ug/l	20	"	"	"	"	"
Ethylbenzene	BRL	10.0 ug/l	20	"	"	"	"	"
Hexachlorobutadiene	BRL	10.0 ug/l	20	"	"	"	"	"
2-Hexanone (MBK)	BRL	100 ug/l	20	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RW-02 SA02261-02	998.89	Ground Water	12-Sep-03 15:40	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	10.0 ug/l	20	"	"	"	"	"
4-Isopropyltoluene	BRL	10.0 ug/l	20	"	"	"	"	"
Methyl tert-butyl ether	BRL	10.0 ug/l	20	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	100 ug/l	20	"	"	"	"	"
Methylene chloride	BRL	100 ug/l	20	"	"	"	"	"
Naphthalene	BRL	10.0 ug/l	20	"	"	"	"	"
n-Propylbenzene	BRL	10.0 ug/l	20	"	"	"	"	"
Styrene	BRL	10.0 ug/l	20	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	10.0 ug/l	20	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	10.0 ug/l	20	"	"	"	"	"
Tetrachloroethene	23.6	10.0 ug/l	20	"	"	"	"	"
Toluene	BRL	10.0 ug/l	20	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	10.0 ug/l	20	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	10.0 ug/l	20	"	"	"	"	"
1,1,1-Trichloroethane	BRL	10.0 ug/l	20	"	"	"	"	"
1,1,2-Trichloroethane	BRL	10.0 ug/l	20	"	"	"	"	"
Trichloroethene	375	10.0 ug/l	20	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	10.0 ug/l	20	"	"	"	"	"
1,2,3-Trichloropropane	BRL	10.0 ug/l	20	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	10.0 ug/l	20	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	10.0 ug/l	20	"	"	"	"	"
Vinyl chloride	16.0	10.0 ug/l	20	"	"	"	"	"
m,p-Xylene	BRL	20.0 ug/l	20	"	"	"	"	"
o-Xylene	BRL	10.0 ug/l	20	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*91.8*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*98.4*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*106*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RW-03 SA02261-03	998.89	Ground Water	12-Sep-03 15:50	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	100 ug/l	5	SW 846 8260B	16-Sep-03	16-Sep-03	3090868	tim
Acrylonitrile	BRL	5.00 ug/l	5	"	"	"	"	"
Benzene	BRL	5.00 ug/l	5	"	"	"	"	"
Bromobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Bromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"
Bromodichloromethane	BRL	5.00 ug/l	5	"	"	"	"	"
Bromoform	BRL	5.00 ug/l	5	"	"	"	"	"
Bromomethane	BRL	10.0 ug/l	5	"	"	"	"	"
2-Butanone (MEK)	BRL	50.0 ug/l	5	"	"	"	"	"
n-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
sec-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
tert-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Carbon disulfide	BRL	25.0 ug/l	5	"	"	"	"	"
Carbon tetrachloride	BRL	5.00 ug/l	5	"	"	"	"	"
Chlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Chloroethane	BRL	10.0 ug/l	5	"	"	"	"	"
Chloroform	BRL	5.00 ug/l	5	"	"	"	"	"
Chloromethane	BRL	10.0 ug/l	5	"	"	"	"	"
2-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"
4-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	10.0 ug/l	5	"	"	"	"	"
Dibromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	5.00 ug/l	5	"	"	"	"	"
Dibromomethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,3-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,4-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	10.0 ug/l	5	"	"	"	"	"
1,1-Dichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1-Dichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"
cis-1,2-Dichloroethene	45.6	5.00 ug/l	5	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
1,3-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
2,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"
Ethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Hexachlorobutadiene	BRL	5.00 ug/l	5	"	"	"	"	"
2-Hexanone (MBK)	BRL	50.0 ug/l	5	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RW-03 SA02261-03	998.89	Ground Water	12-Sep-03 15:50	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
4-Isopropyltoluene	BRL	5.00 ug/l	5	"	"	"	"	"
Methyl tert-butyl ether	BRL	5.00 ug/l	5	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	50.0 ug/l	5	"	"	"	"	"
Methylene chloride	BRL	50.0 ug/l	5	"	"	"	"	"
Naphthalene	BRL	5.00 ug/l	5	"	"	"	"	"
n-Propylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Styrene	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
Tetrachloroethene	22.0	5.00 ug/l	5	"	"	"	"	"
Toluene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,1-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,2-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
Trichloroethene	307	5.00 ug/l	5	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,3-Trichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Vinyl chloride	7.85	5.00 ug/l	5	"	"	"	"	"
m,p-Xylene	BRL	10.0 ug/l	5	"	"	"	"	"
o-Xylene	BRL	5.00 ug/l	5	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*90.4*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*100*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*95.4*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RW-04 SA02261-04	998.89	Ground Water	12-Sep-03 16:00	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	100 ug/l	5	SW 846 8260B	16-Sep-03	16-Sep-03	3090868	tim
Acrylonitrile	BRL	5.00 ug/l	5	"	"	"	"	"
Benzene	BRL	5.00 ug/l	5	"	"	"	"	"
Bromobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Bromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"
Bromodichloromethane	BRL	5.00 ug/l	5	"	"	"	"	"
Bromoform	BRL	5.00 ug/l	5	"	"	"	"	"
Bromomethane	BRL	10.0 ug/l	5	"	"	"	"	"
2-Butanone (MEK)	BRL	50.0 ug/l	5	"	"	"	"	"
n-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
sec-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
tert-Butylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Carbon disulfide	BRL	25.0 ug/l	5	"	"	"	"	"
Carbon tetrachloride	BRL	5.00 ug/l	5	"	"	"	"	"
Chlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Chloroethane	BRL	10.0 ug/l	5	"	"	"	"	"
Chloroform	BRL	5.00 ug/l	5	"	"	"	"	"
Chloromethane	BRL	10.0 ug/l	5	"	"	"	"	"
2-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"
4-Chlorotoluene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	10.0 ug/l	5	"	"	"	"	"
Dibromochloromethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	5.00 ug/l	5	"	"	"	"	"
Dibromomethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,3-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,4-Dichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	10.0 ug/l	5	"	"	"	"	"
1,1-Dichloroethane	5.00	5.00 ug/l	5	"	"	"	"	"
1,2-Dichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1-Dichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"
cis-1,2-Dichloroethene	118	5.00 ug/l	5	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
1,3-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
2,2-Dichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	5.00 ug/l	5	"	"	"	"	"
Ethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Hexachlorobutadiene	BRL	5.00 ug/l	5	"	"	"	"	"
2-Hexanone (MBK)	BRL	50.0 ug/l	5	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RW-04 SA02261-04	998.89	Ground Water	12-Sep-03 16:00	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
4-Isopropyltoluene	BRL	5.00 ug/l	5	"	"	"	"	"
Methyl tert-butyl ether	BRL	5.00 ug/l	5	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	50.0 ug/l	5	"	"	"	"	"
Methylene chloride	BRL	50.0 ug/l	5	"	"	"	"	"
Naphthalene	BRL	5.00 ug/l	5	"	"	"	"	"
n-Propylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Styrene	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
Tetrachloroethene	45.6	5.00 ug/l	5	"	"	"	"	"
Toluene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,1-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
1,1,2-Trichloroethane	BRL	5.00 ug/l	5	"	"	"	"	"
Trichloroethene	659	5.00 ug/l	5	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,3-Trichloropropane	BRL	5.00 ug/l	5	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	5.00 ug/l	5	"	"	"	"	"
Vinyl chloride	BRL	5.00 ug/l	5	"	"	"	"	"
m,p-Xylene	BRL	10.0 ug/l	5	"	"	"	"	"
o-Xylene	BRL	5.00 ug/l	5	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*92.0*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*99.4*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*104*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RW-05 SA02261-05	998.89	Ground Water	12-Sep-03 16:10	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	16-Sep-03	16-Sep-03	3090868	tim
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	13.3	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RW-05 SA02261-05	998.89	Ground Water	12-Sep-03 16:10	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"
Methyl tert-butyl ether	1.33	1.00 ug/l	1	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Tetrachloroethene	5.25	1.00 ug/l	1	"	"	"	"	"
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Trichloroethene	70.0	1.00 ug/l	1	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*93.2*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*97.0*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*107*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*106*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RW-06 SA02261-06	998.89	Ground Water	12-Sep-03 16:20	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	16-Sep-03	16-Sep-03	3090868	tim
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	21.2	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RW-06 SA02261-06	998.89	Ground Water	12-Sep-03 16:20	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Volatile Organic Compounds									
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles							
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"	
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"	
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"	
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"	
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Tetrachloroethene	14.5	1.00 ug/l	1	"	"	"	"	"	
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"	
Trichloroethene	136	1.00 ug/l	1	"	"	"	"	"	
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"	
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"	
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"	
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"	
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	*92.8*	*70-130 %*		"	"	"	"	"	
Surrogate: Toluene-d8	*101*	*70-130 %*		"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"	
Surrogate: Dibromofluoromethane	*106*	*70-130 %*		"	"	"	"	"	

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RW-07 SA02261-07	998.89	Ground Water	12-Sep-03 16:30	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	16-Sep-03	16-Sep-03	3090868	tim
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	31.2	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RW-07 SA02261-07	998.89	Ground Water	12-Sep-03 16:30	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Tetrachloroethene	6.83	1.00 ug/l	1	"	"	"	"	"
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Trichloroethene	103	1.00 ug/l	1	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*93.8*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*99.4*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*106*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*105*	*70-130 %*		"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA02261-08	998.89	Ground Water	11-Sep-03 00:00	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Acetone	BRL	20.0 ug/l	1	SW 846 8260B	16-Sep-03	16-Sep-03	3090865	kw
Acrylonitrile	BRL	1.00 ug/l	1	"	"	"	"	"
Benzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Bromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromodichloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
Bromoform	BRL	1.00 ug/l	1	"	"	"	"	"
Bromomethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Butanone (MEK)	BRL	10.0 ug/l	1	"	"	"	"	"
n-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
sec-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
tert-Butylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Carbon disulfide	BRL	5.00 ug/l	1	"	"	"	"	"
Carbon tetrachloride	BRL	1.00 ug/l	1	"	"	"	"	"
Chlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Chloroethane	BRL	2.00 ug/l	1	"	"	"	"	"
Chloroform	BRL	1.00 ug/l	1	"	"	"	"	"
Chloromethane	BRL	2.00 ug/l	1	"	"	"	"	"
2-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Chlorotoluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromo-3-chloropropane	BRL	2.00 ug/l	1	"	"	"	"	"
Dibromochloromethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dibromoethane (EDB)	BRL	1.00 ug/l	1	"	"	"	"	"
Dibromomethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,4-Dichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Dichlorodifluoromethane (Freon12)	BRL	2.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,2-Dichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,3-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
2,2-Dichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
cis-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
trans-1,3-Dichloropropene	BRL	1.00 ug/l	1	"	"	"	"	"
Ethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Hexachlorobutadiene	BRL	1.00 ug/l	1	"	"	"	"	"
2-Hexanone (MBK)	BRL	10.0 ug/l	1	"	"	"	"	"

Close File

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA02261-08	998.89	Ground Water	11-Sep-03 00:00	12-Sep-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst Flag*
Volatile Organic Compounds								
Volatile Organic Compounds by EPA 8260		Prepared by method Volatiles						
Isopropylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
4-Isopropyltoluene	BRL	1.00 ug/l	1	"	"	"	"	"
Methyl tert-butyl ether	BRL	1.00 ug/l	1	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	BRL	10.0 ug/l	1	"	"	"	"	"
Methylene chloride	BRL	10.0 ug/l	1	"	"	"	"	"
Naphthalene	BRL	1.00 ug/l	1	"	"	"	"	"
n-Propylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Styrene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2,2-Tetrachloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Tetrachloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Toluene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trichlorobenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,1-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
1,1,2-Trichloroethane	BRL	1.00 ug/l	1	"	"	"	"	"
Trichloroethene	BRL	1.00 ug/l	1	"	"	"	"	"
Trichlorofluoromethane (Freon 11)	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,3-Trichloropropane	BRL	1.00 ug/l	1	"	"	"	"	"
1,2,4-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
1,3,5-Trimethylbenzene	BRL	1.00 ug/l	1	"	"	"	"	"
Vinyl chloride	BRL	1.00 ug/l	1	"	"	"	"	"
m,p-Xylene	BRL	2.00 ug/l	1	"	"	"	"	"
o-Xylene	BRL	1.00 ug/l	1	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	*94.4*	*70-130 %*		"	"	"	"	"
Surrogate: Toluene-d8	*98.8*	*70-130 %*		"	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	*100*	*70-130 %*		"	"	"	"	"
Surrogate: Dibromofluoromethane	*103*	*70-130 %*		"	"	"	"	"

Close File

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 3090865 - Volatiles										
Blank (3090865-BLK1)				Prepared & Analyzed: 16-Sep-03						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
sec-Butylbenzene	BRL	1.00	ug/l							
tert-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							
Chlorobenzene	BRL	1.00	ug/l							
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Cblorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
1,2-Dichlorobenzene	BRL	1.00	ug/l							
1,3-Dichlorobenzene	BRL	1.00	ug/l							
1,4-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.00	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
Ethylbenzene	BRL	1.00	ug/l							
Hexachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/l							
Tetrachloroethene	BRL	1.00	ug/l							
Toluene	BRL	1.00	ug/l							
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							

Close File

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 3090865 - Volatiles										
Blank (3090865-BLK1)				Prepared & Analyzed: 16-Sep-03						
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*47.9*		ug/l	*50.0*		*95.8*	*70-130*			
Surrogate: Toluene-d8	*49.8*		ug/l	*50.0*		*99.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*51.4*		ug/l	*50.0*		*103*	*70-130*			
Surrogate: Dibromofluoromethane	*52.8*		ug/l	*50.0*		*106*	*70-130*			
Matrix Spike (3090865-MS1)		Source: SA02166-06		Prepared & Analyzed: 16-Sep-03						
Benzene	20.7		ug/l	20.0	BRL	104	70-130			
Chlorobenzene	20.0		ug/l	20.0	BRL	100	70-130			
1,1-Dichloroethene	22.9		ug/l	20.0	BRL	114	70-130			
Toluene	20.9		ug/l	20.0	BRL	104	70-130			
Trichloroethene	21.6		ug/l	20.0	BRL	108	70-130			
Surrogate: 4-Bromofluorobenzene	*45.6*		ug/l	*50.0*		*91.2*	*70-130*			
Surrogate: Toluene-d8	*49.9*		ug/l	*50.0*		*99.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*49.6*		ug/l	*50.0*		*99.2*	*70-130*			
Surrogate: Dibromofluoromethane	*51.4*		ug/l	*50.0*		*103*	*70-130*			
Matrix Spike Dup (3090865-MSD1)		Source: SA02166-06		Prepared & Analyzed: 16-Sep-03						
Benzene	20.7		ug/l	20.0	BRL	104	70-130	0.00	30	
Chlorobenzene	19.7		ug/l	20.0	BRL	98.5	70-130	1.51	30	
1,1-Dichloroethene	22.6		ug/l	20.0	BRL	113	70-130	0.881	30	
Toluene	20.3		ug/l	20.0	BRL	102	70-130	1.94	30	
Trichloroethene	21.2		ug/l	20.0	BRL	106	70-130	1.87	30	
Surrogate: 4-Bromofluorobenzene	*45.3*		ug/l	*50.0*		*90.6*	*70-130*			
Surrogate: Toluene-d8	*49.2*		ug/l	*50.0*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*49.0*		ug/l	*50.0*		*98.0*	*70-130*			
Surrogate: Dibromofluoromethane	*52.2*		ug/l	*50.0*		*104*	*70-130*			
Batch 3090868 - Volatiles										
Blank (3090868-BLK1)				Prepared & Analyzed: 16-Sep-03						
Acetone	BRL	20.0	ug/l							
Acrylonitrile	BRL	1.00	ug/l							
Benzene	BRL	1.00	ug/l							
Bromobenzene	BRL	1.00	ug/l							
Bromochloromethane	BRL	1.00	ug/l							
Bromodichloromethane	BRL	1.00	ug/l							
Bromoform	BRL	1.00	ug/l							
Bromomethane	BRL	2.00	ug/l							
2-Butanone (MEK)	BRL	10.0	ug/l							
n-Butylbenzene	BRL	1.00	ug/l							
sec-Butylbenzene	BRL	1.00	ug/l							
tert-Butylbenzene	BRL	1.00	ug/l							
Carbon disulfide	BRL	5.00	ug/l							
Carbon tetrachloride	BRL	1.00	ug/l							
Chlorobenzene	BRL	1.00	ug/l							

Close File

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 3090868 - Volatiles										
Blank (3090868-BLK1)				Prepared & Analyzed: 16-Sep-03						
Chloroethane	BRL	2.00	ug/l							
Chloroform	BRL	1.00	ug/l							
Chloromethane	BRL	2.00	ug/l							
2-Chlorotoluene	BRL	1.00	ug/l							
4-Chlorotoluene	BRL	1.00	ug/l							
1,2-Dibromo-3-chloropropane	BRL	2.00	ug/l							
Dibromochloromethane	BRL	1.00	ug/l							
1,2-Dibromoethane (EDB)	BRL	1.00	ug/l							
Dibromomethane	BRL	1.00	ug/l							
1,2-Dichlorobenzene	BRL	1.00	ug/l							
1,3-Dichlorobenzene	BRL	1.00	ug/l							
1,4-Dichlorobenzene	BRL	1.00	ug/l							
Dichlorodifluoromethane (Freon12)	BRL	2.00	ug/l							
1,1-Dichloroethane	BRL	1.00	ug/l							
1,2-Dichloroethane	BRL	1.00	ug/l							
1,1-Dichloroethene	BRL	1.00	ug/l							
cis-1,2-Dichloroethene	BRL	1.00	ug/l							
trans-1,2-Dichloroethene	BRL	1.00	ug/l							
1,2-Dichloropropane	BRL	1.00	ug/l							
1,3-Dichloropropane	BRL	1.00	ug/l							
2,2-Dichloropropane	BRL	1.00	ug/l							
1,1-Dichloropropene	BRL	1.00	ug/l							
cis-1,3-Dichloropropene	BRL	1.00	ug/l							
trans-1,3-Dichloropropene	BRL	1.00	ug/l							
Ethylbenzene	BRL	1.00	ug/l							
Hexachlorobutadiene	BRL	1.00	ug/l							
2-Hexanone (MBK)	BRL	10.0	ug/l							
Isopropylbenzene	BRL	1.00	ug/l							
4-Isopropyltoluene	BRL	1.00	ug/l							
Methyl tert-butyl ether	BRL	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	BRL	10.0	ug/l							
Methylene chloride	BRL	10.0	ug/l							
Naphthalene	BRL	1.00	ug/l							
n-Propylbenzene	BRL	1.00	ug/l							
Styrene	BRL	1.00	ug/l							
1,1,1,2-Tetrachloroethane	BRL	1.00	ug/l							
1,1,2,2-Tetrachloroethane	BRL	1.00	ug/l							
Tetrachloroethene	BRL	1.00	ug/l							
Toluene	BRL	1.00	ug/l							
1,2,3-Trichlorobenzene	BRL	1.00	ug/l							
1,2,4-Trichlorobenzene	BRL	1.00	ug/l							
1,1,1-Trichloroethane	BRL	1.00	ug/l							
1,1,2-Trichloroethane	BRL	1.00	ug/l							
Trichloroethene	BRL	1.00	ug/l							
Trichlorofluoromethane (Freon 11)	BRL	1.00	ug/l							
1,2,3-Trichloropropane	BRL	1.00	ug/l							
1,2,4-Trimethylbenzene	BRL	1.00	ug/l							
1,3,5-Trimethylbenzene	BRL	1.00	ug/l							
Vinyl chloride	BRL	1.00	ug/l							
m,p-Xylene	BRL	2.00	ug/l							
o-Xylene	BRL	1.00	ug/l							
Surrogate: 4-Bromofluorobenzene	*47.3*		ug/l	*50.0*		*94.6*	*70-130*			
Surrogate: Toluene-d8	*49.8*		ug/l	*50.0*		*99.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*53.3*		ug/l	*50.0*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*53.0*		ug/l	*50.0*		*106*	*70-130*			

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Close File

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 3090868 - Volatiles										
Matrix Spike (3090868-MS1)		**Source: SA02242-01**		Prepared & Analyzed: 16-Sep-03						
Benzene	18.9		ug/l	20.0	BRL	94.5	70-130			
Chlorobenzene	19.4		ug/l	20.0	BRL	97.0	70-130			
1,1-Dichloroethene	19.3		ug/l	20.0	BRL	96.5	70-130			
Toluene	19.3		ug/l	20.0	BRL	96.5	70-130			
Trichloroethene	19.9		ug/l	20.0	BRL	99.5	70-130			
Surrogate: 4-Bromofluorobenzene	*47.9*		ug/l	*50.0*		*95.8*	*70-130*			
Surrogate: Toluene-d8	*48.4*		ug/l	*50.0*		*96.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*53.4*		ug/l	*50.0*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*52.1*		ug/l	*50.0*		*104*	*70-130*			
Matrix Spike Dup (3090868-MSD1)		**Source: SA02242-01**		Prepared & Analyzed: 16-Sep-03						
Benzene	18.7		ug/l	20.0	BRL	93.5	70-130	1.06	30	
Chlorobenzene	19.6		ug/l	20.0	BRL	98.0	70-130	1.03	30	
1,1-Dichloroethene	19.0		ug/l	20.0	BRL	95.0	70-130	1.57	30	
Toluene	18.8		ug/l	20.0	BRL	94.0	70-130	2.62	30	
Trichloroethene	19.2		ug/l	20.0	BRL	96.0	70-130	3.58	30	
Surrogate: 4-Bromofluorobenzene	*47.4*		ug/l	*50.0*		*94.8*	*70-130*			
Surrogate: Toluene-d8	*47.3*		ug/l	*50.0*		*94.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*53.6*		ug/l	*50.0*		*107*	*70-130*			
Surrogate: Dibromofluoromethane	*52.6*		ug/l	*50.0*		*105*	*70-130*			

Close File

Notes and Definitions

BRL Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Close File

RW

5/23/03

data

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Massachusetts Certification # M-MA138
Rhode Island # 98 Maine # MA138
Florida # E87600 / 87562
New Hampshire # 2538
Connecticut # PH-0777
New York # 11393

RMT, Inc
100 Verdae Blvd.
Greenville, SC 29607

Attn: M.Miesfeldt

Wednesday, May 28, 2003

Report Status:
- ☑ Final Report
- ☐ Re-issued Report
- ☐ Revised Report

Client Project Number: 998.82

Location: MTD Columbia - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested
AD88135	RW-01	VOCs by GC/MS
		Total Suspended Solids
AD88136	RW-02	VOCs by GC/MS
		Total Suspended Solids
AD88137	RW-03	VOCs by GC/MS
		Total Suspended Solids
AD88138	RW-04	VOCs by GC/MS
		Total Suspended Solids
AD88139	RW-05	VOCs by GC/MS
		Total Suspended Solids
AD88140	RW-06	VOCs by GC/MS
		Total Suspended Solids
AD88141	RW-07	VOCs by GC/MS
		Total Suspended Solids
AD88142	Trip Blank	VOCs by GC/MS

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

Close File

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Client Project Number: 998.82 **Location:** MTD Columbia - Westfield, MA

Laboratory ID	Client Sample ID	Analyses Requested

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC including any data obtained from a subcontract laboratory. Please note that all solid matrix sample results are calculated on a dry weight basis unless otherwise specified.

This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

ENVIRONMENTAL ANALYSES

11 Almgren Drive • Agawam, Massachusetts 01001 • 1-800-789-9115 • 413-789-9018 • Fax 413-789-4076

SPECTRUM ANALYTICAL, INC.

Laboratory Report

Location: MTD Columbia - Westfield, MA
Client: RMT
Lab ID No: AD88135
Client Id: RW-01

Client Project No: 998.82
Submittal Date: 5/23/2003
Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	5/27/2003	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	5.0	5/27/2003	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chloroform	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
cis-1,2-Dichloroethene	76	ug/L	1.0	5/27/2003	KW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B

DM[redacted] Close File

998.82

Lab ID AD88135
Client Id: RW-01

Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
2,2-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Hexachlorobutadiene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.0	5/27/2003	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Tetrachloroethene (PCE)	7.7	ug/L	1.0	5/27/2003	KW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Trichloroethene (TCE)	200	ug/L	1.0	5/27/2003	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Vinyl chloride	6.1	ug/L	1.0	5/27/2003	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		5/27/2003	KW	SW846 8260B
Dibromofluoromethane (%SR)	115	ug/L		5/27/2003	KW	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	120	ug/L		5/27/2003	KW	SW846 8260B
Toluene-d8 (%SR)	98	ug/L		5/27/2003	KW	SW846 8260B
General Chemistry						
Total Suspended Solids	130	mg/L	5.0	5/27/2003	BH	SM 2540D/160.2

Close File

Lab ID AD88136
Client Id: RW-02

Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	500	5/27/2003	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Benzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Bromoform	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	50	5/27/2003	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	250	5/27/2003	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	130	5/27/2003	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	50	5/27/2003	KW	SW846 8260B
Chloroform	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	50	5/27/2003	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	50	5/27/2003	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	50	5/27/2003	KW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
cis-1,2-Dichloroethene	370	ug/L	25	5/27/2003	KW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B

Close File

Lab ID AD88136
Client Id: RW-02

Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	250	5/27/2003	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	50	5/27/2003	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	250	5/27/2003	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	130	5/27/2003	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Styrene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Tetrachloroethene (PCE)	230	ug/L	25	5/27/2003	KW	SW846 8260B
Toluene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Trichloroethene (TCE)	2,900	ug/L	25	5/27/2003	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
Vinyl chloride	180	ug/L	25	5/27/2003	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	50	5/27/2003	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	25	5/27/2003	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L	0.00	5/27/2003	KW	SW846 8260B
Dibromofluoromethane (%SR)	111	ug/L	0.00	5/27/2003	KW	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	112	ug/L	0.00	5/27/2003	KW	SW846 8260B
Toluene-d8 (%SR)	98	ug/L	0.00	5/27/2003	KW	SW846 8260B
General Chemistry						
Total Suspended Solids	11	mg/L	5.0	5/27/2003	BH	SM 2540D/160.2

Close File

Lab ID AD88137
Client Id: RW-03

Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	5/27/2003	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	5/27/2003	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
1,1-Dichloroethane	1.6	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1-Dichloroethene	1.0	ug/L	1.0	5/27/2003	KW	SW846 8260B
cis-1,2-Dichloroethene	34	ug/L	1.0	5/27/2003	KW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B

Close File

Lab ID AD88137
Client Id: RW-03

Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.0	5/27/2003	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Tetrachloroethene (PCE)	15	ug/L	1.0	5/27/2003	KW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,1-Trichloroethane	1.2	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Trichloroethene (TCE)	210	ug/L	1.0	5/27/2003	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Vinyl chloride	10	ug/L	1.0	5/27/2003	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/L		5/27/2003	KW	SW846 8260B
Dibromofluoromethane (%SR)	110	ug/L		5/27/2003	KW	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	114	ug/L		5/27/2003	KW	SW846 8260B
Toluene-d8 (%SR)	96	ug/L		5/27/2003	KW	SW846 8260B
General Chemistry						
Total Suspended Solids	Below det lim	mg/L	5.0	5/27/2003	BH	SM 2540D/160.2

Close File

Lab ID AD88138
Client Id: RW-04

Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	5/27/2003	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	5/27/2003	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
1,1-Dichloroethane	1.3	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
cis-1,2-Dichloroethene	28	ug/L	1.0	5/27/2003	KW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B

Close File

Lab ID AD88138
Client Id: RW-04

Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	4.0	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.0	5/27/2003	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Tetrachloroethene (PCE)	12	ug/L	1.0	5/27/2003	KW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Trichloroethene (TCE)	150	ug/L	1.0	5/27/2003	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L		5/27/2003	KW	SW846 8260B
Dibromofluoromethane (%SR)	114	ug/L		5/27/2003	KW	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	116	ug/L		5/27/2003	KW	SW846 8260B
Toluene-d8 (%SR)	96	ug/L		5/27/2003	KW	SW846 8260B
General Chemistry						
Total Suspended Solids	Below det lim	mg/L	5.0	5/27/2003	BH	SM 2540D/160.2

Close File

Lab ID AD88139
Client Id: RW-05

Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	5/27/2003	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	5/27/2003	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
cis-1,2-Dichloroethene	6.7	ug/L	1.0	5/27/2003	KW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B

Close File

Lab ID AD88139
Client Id: RW-05

Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.0	5/27/2003	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Tetrachloroethene (PCE)	2.9	ug/L	1.0	5/27/2003	KW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Trichloroethene (TCE)	35	ug/L	1.0	5/27/2003	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	98	ug/L		5/27/2003	KW	SW846 8260B
Dibromofluoromethane (%SR)	114	ug/L		5/27/2003	KW	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	120	ug/L		5/27/2003	KW	SW846 8260B
Toluene-d8 (%SR)	98	ug/L		5/27/2003	KW	SW846 8260B
General Chemistry						
Total Suspended Solids	7	mg/L	5.0	5/27/2003	BH	SM 2540D/160.2

Close File

Lab ID AD88140
Client Id: RW-06

Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	5/27/2003	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	5/27/2003	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
cis-1,2-Dichloroethene	13	ug/L	1.0	5/27/2003	KW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B

Close File

Lab ID AD88140
Client Id: RW-06

Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.0	5/27/2003	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Tetrachloroethene (PCE)	5.8	ug/L	1.0	5/27/2003	KW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Trichloroethene (TCE)	71	ug/L	1.0	5/27/2003	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	100	ug/L		5/27/2003	KW	SW846 8260B
Dibromofluoromethane (%SR)	117	ug/L		5/27/2003	KW	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	122	ug/L		5/27/2003	KW	SW846 8260B
Toluene-d8 (%SR)	97	ug/L		5/27/2003	KW	SW846 8260B
General Chemistry						
Total Suspended Solids	Below det lim	mg/L	5.0	5/27/2003	BH	SM 2540D/160.2

Close File

Lab ID AD88141
Client Id: RW-07

Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	5/27/2003	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	5/27/2003	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
cis-1,2-Dichloroethene	18	ug/L	1.0	5/27/2003	KW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B

Close File

Lab ID AD88141
Client Id: RW-07

Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.0	5/27/2003	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Tetrachloroethene (PCE)	6.2	ug/L	1.0	5/27/2003	KW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Trichloroethene (TCE)	67	ug/L	1.0	5/27/2003	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	101	ug/L		5/27/2003	KW	SW846 8260B
Dibromofluoromethane (%SR)	116	ug/L		5/27/2003	KW	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	121	ug/L		5/27/2003	KW	SW846 8260B
Toluene-d8 (%SR)	99	ug/L		5/27/2003	KW	SW846 8260B
General Chemistry						
Total Suspended Solids	Below det lim	mg/L	5.0	5/27/2003	BH	SM 2540D/160.2

Close File

Lab ID AD88142
Client Id: Trip Blank

Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Volatile Organic Compounds						
VOCs by GC/MS						
Acetone	Below det lim	ug/L	20.0	5/27/2003	KW	SW846 8260B
Acrylonitrile	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Benzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromochloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromodichloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromoform	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Bromomethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
2-Butanone (MEK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
n-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
sec-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
tert-Butylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Carbon disulfide	Below det lim	ug/L	5.0	5/27/2003	KW	SW846 8260B
Carbon tetrachloride	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chloroethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
Chloroform	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Chloromethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
2-Chlorotoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Chlorotoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
Dibromochloromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dibromoethane (EDB)	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Dibromomethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,4-Dichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Dichlorodifluoromethane	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
1,1-Dichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1-Dichloroethene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
cis-1,2-Dichloroethene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
trans-1,2-Dichloroethene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
2,2-Dichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
cis-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
trans-1,3-Dichloropropene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Ethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B

Close File

Lab ID AD88142
Client Id: Trip Blank

Collection Date: 5/23/2003
Matrix Ground Water

Parameter	Results	Units	PQL	Start Date	Analyst	Method
Hexachlorobutadiene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
2-Hexanone (MBK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
Isopropylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Isopropyltoluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Methyl-tert-butyl ether (MTBE)	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Methyl-2-pentanone (MIBK)	Below det lim	ug/L	10.0	5/27/2003	KW	SW846 8260B
Methylene chloride	Below det lim	ug/L	5.0	5/27/2003	KW	SW846 8260B
Naphthalene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
n-Propylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Styrene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,1,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,2,2-Tetrachloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Tetrachloroethene (PCE)	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Toluene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,3-Trichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,4-Trichlorobenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,1-Trichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,1,2-Trichloroethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Trichloroethene (TCE)	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Trichlorofluoromethane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,3-Trichloropropane	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,2,4-Trimethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
1,3,5-Trimethylbenzene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
Vinyl chloride	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
m,p-Xylenes	Below det lim	ug/L	2.0	5/27/2003	KW	SW846 8260B
o-Xylene	Below det lim	ug/L	1.0	5/27/2003	KW	SW846 8260B
4-Bromofluorobenzene (%SR)	97	ug/L		5/27/2003	KW	SW846 8260B
Dibromofluoromethane (%SR)	113	ug/L		5/27/2003	KW	SW846 8260B
1,2-Dichloroethane-d4 (%SR)	115	ug/L		5/27/2003	KW	SW846 8260B
Toluene-d8 (%SR)	97	ug/L		5/27/2003	KW	SW846 8260B

Reviewed

Validated by:

Quality Service/Quality Assurance

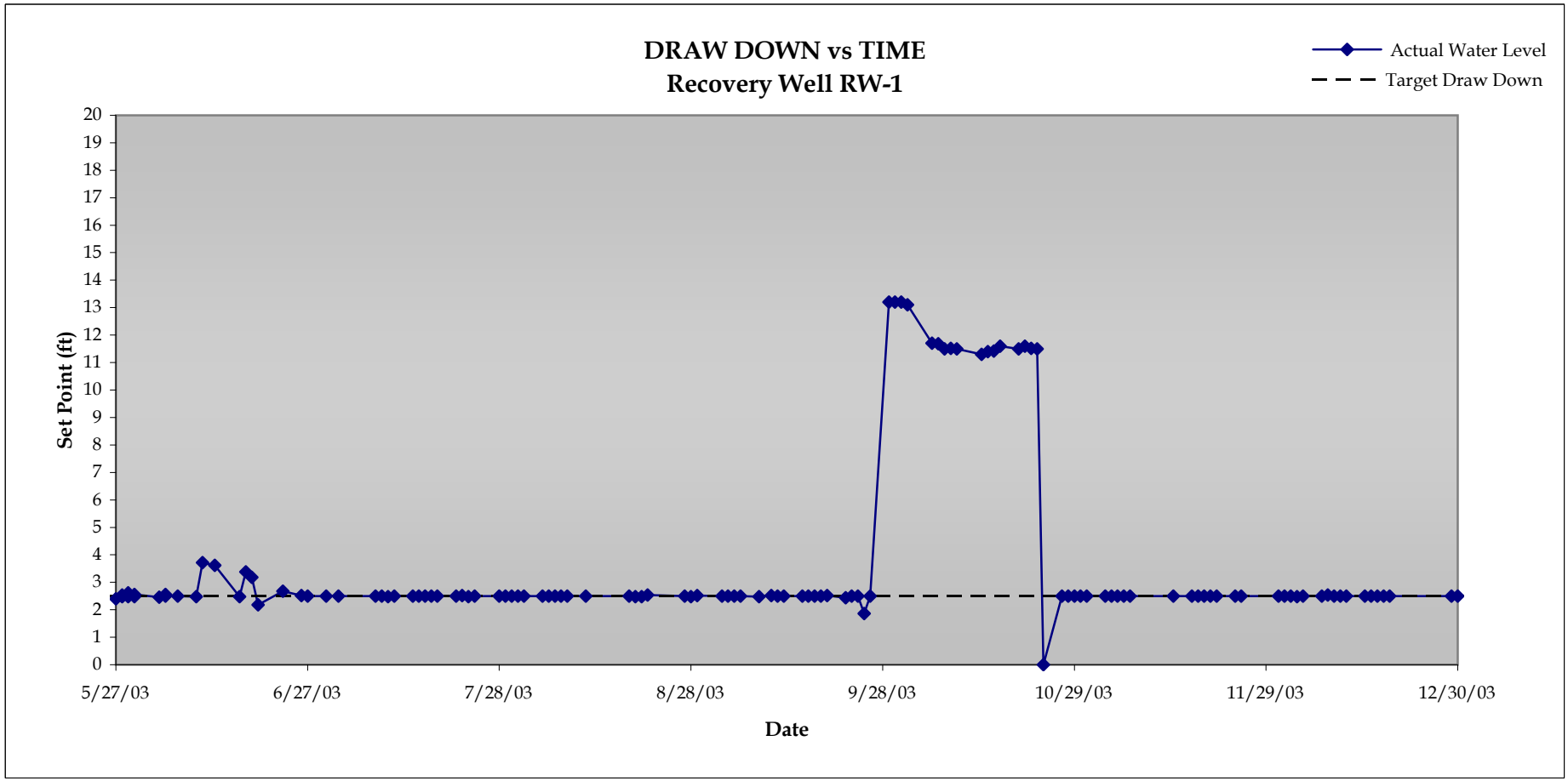
President/Laboratory Director

5/28/2003

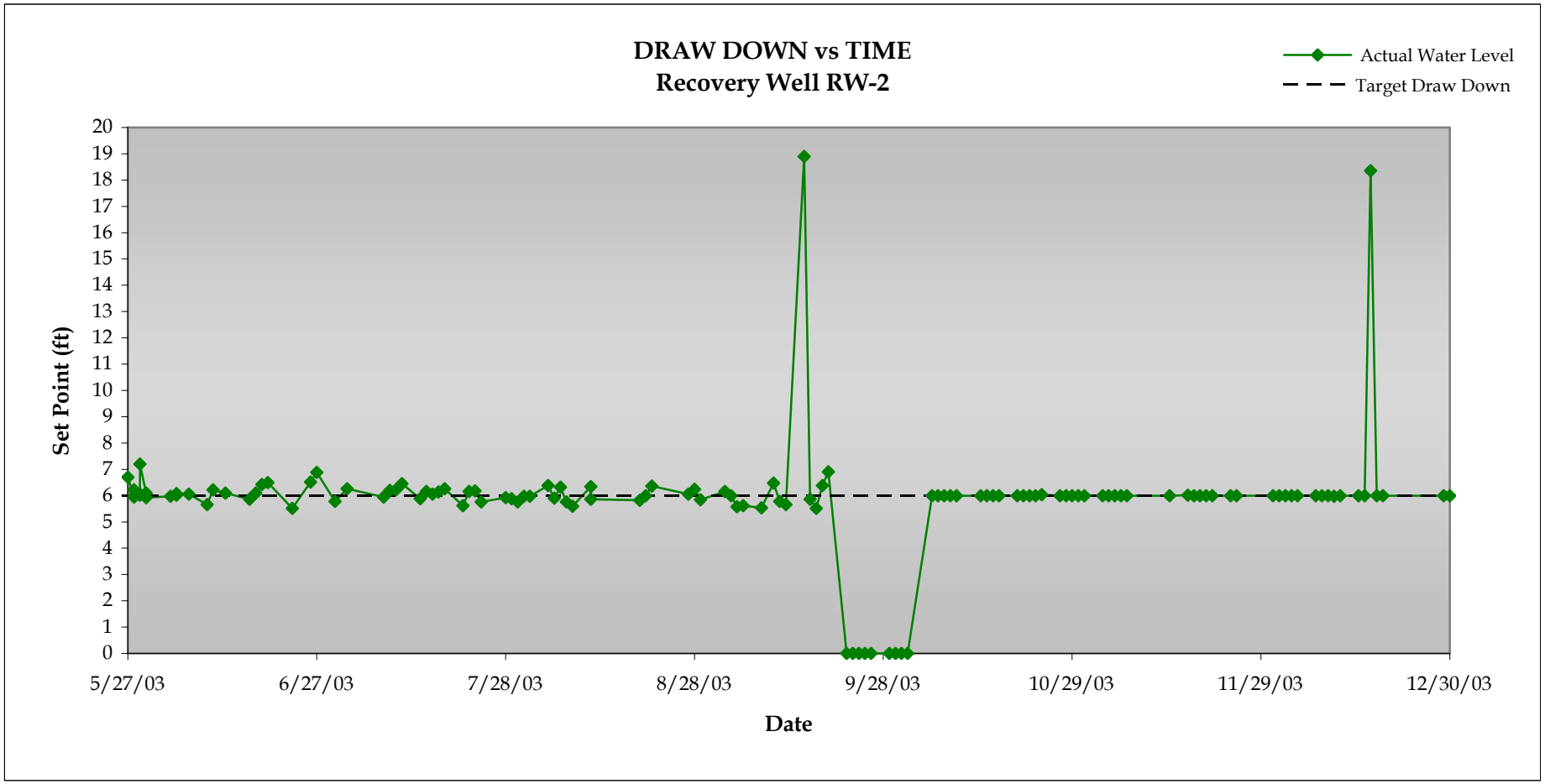
Close File

Appendix F
Water Level Comparisons

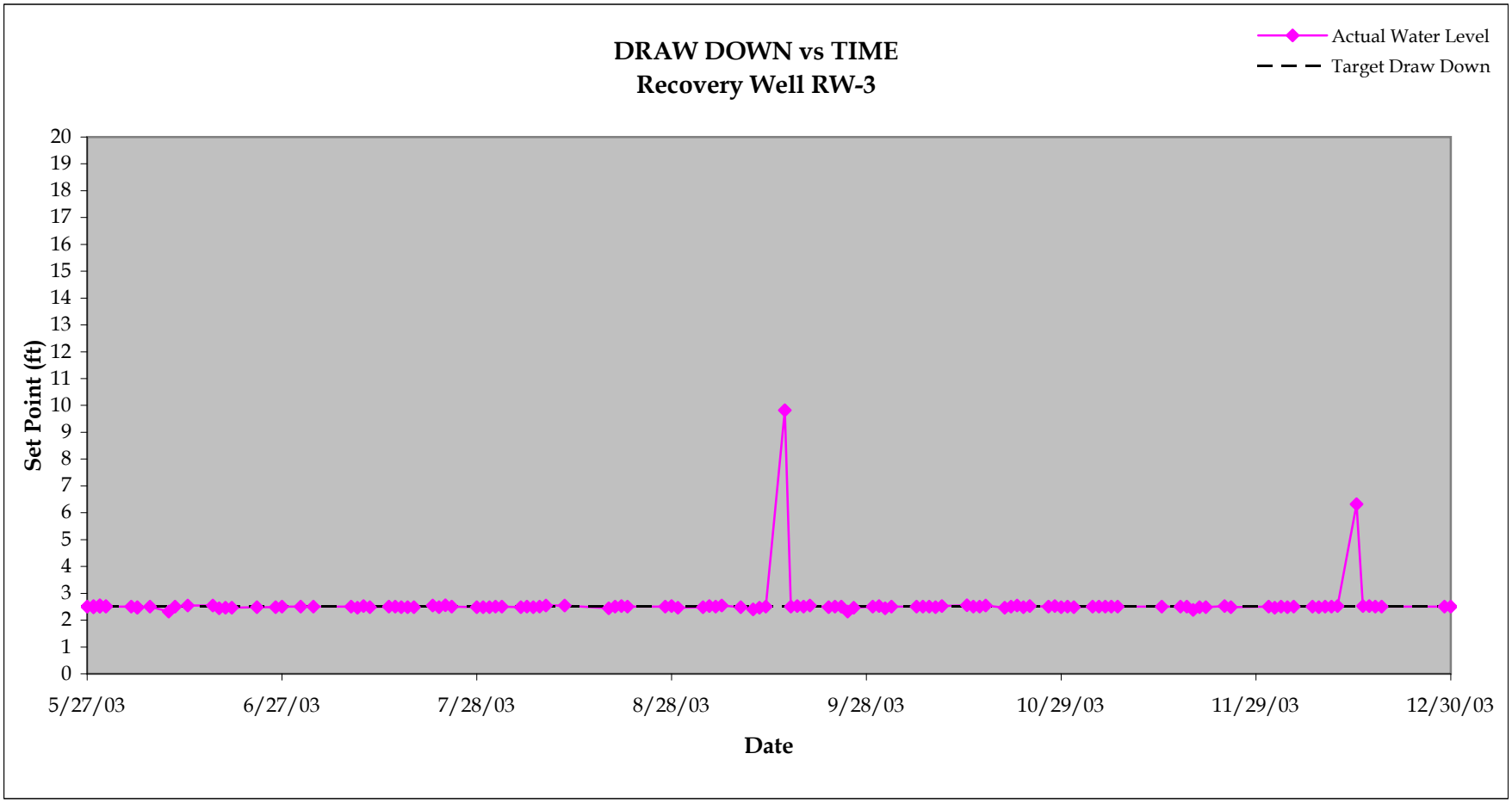
Close File


DRAW DOWN vs TIME
Recovery Well RW-1
Actual Water Level
Target Draw Down
Set Point (ft)
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
5/27/03
6/27/03
7/28/03
8/28/03
9/28/03
10/29/03
11/29/03
12/30/03
Date

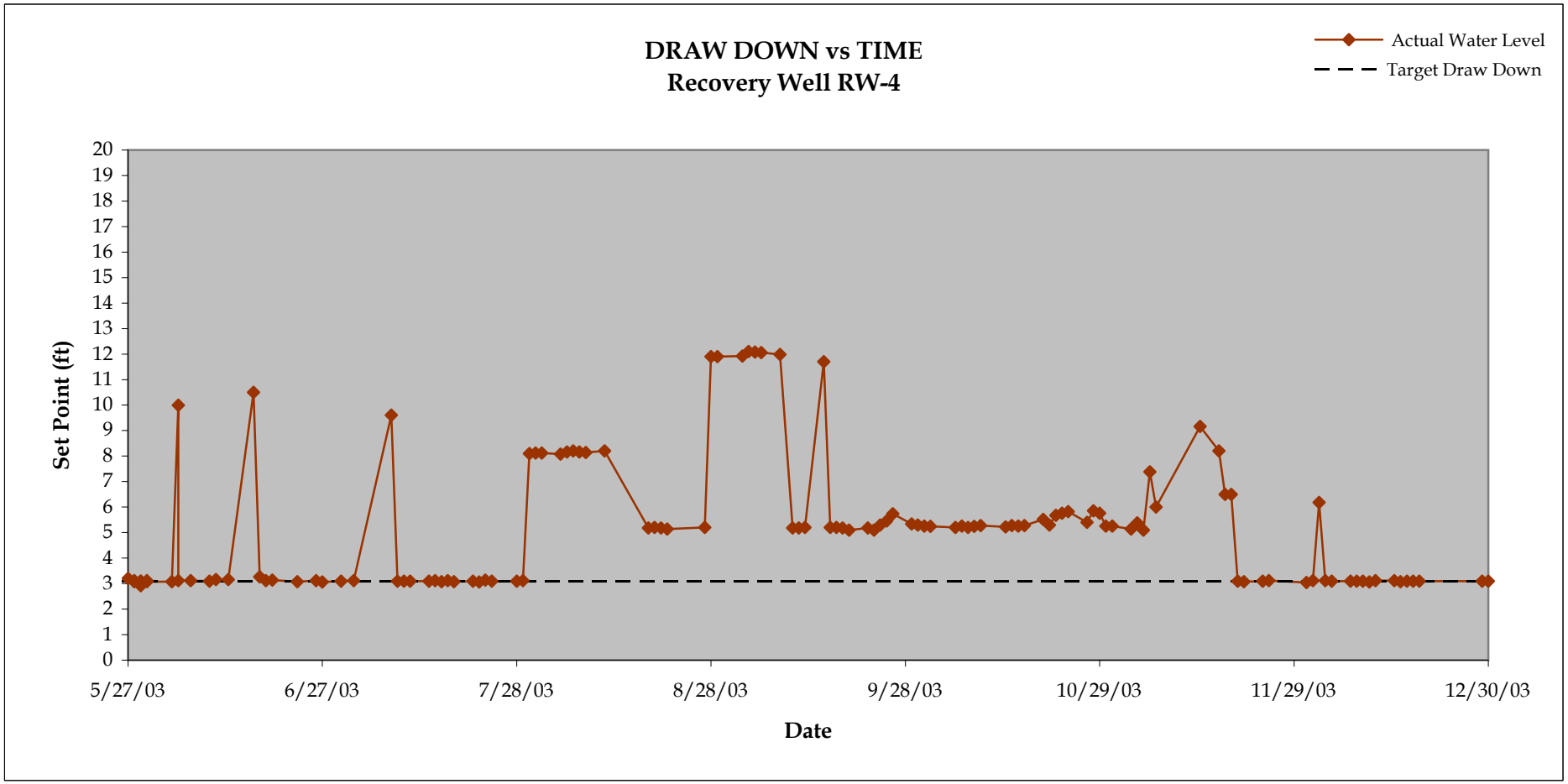
Close File


DRAW DOWN vs TIME
Recovery Well RW-2
Actual Water Level
Target Draw Down
Set Point (ft)
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
5/27/03
6/27/03
7/28/03
8/28/03
9/28/03
10/29/03
11/29/03
12/30/03
Date

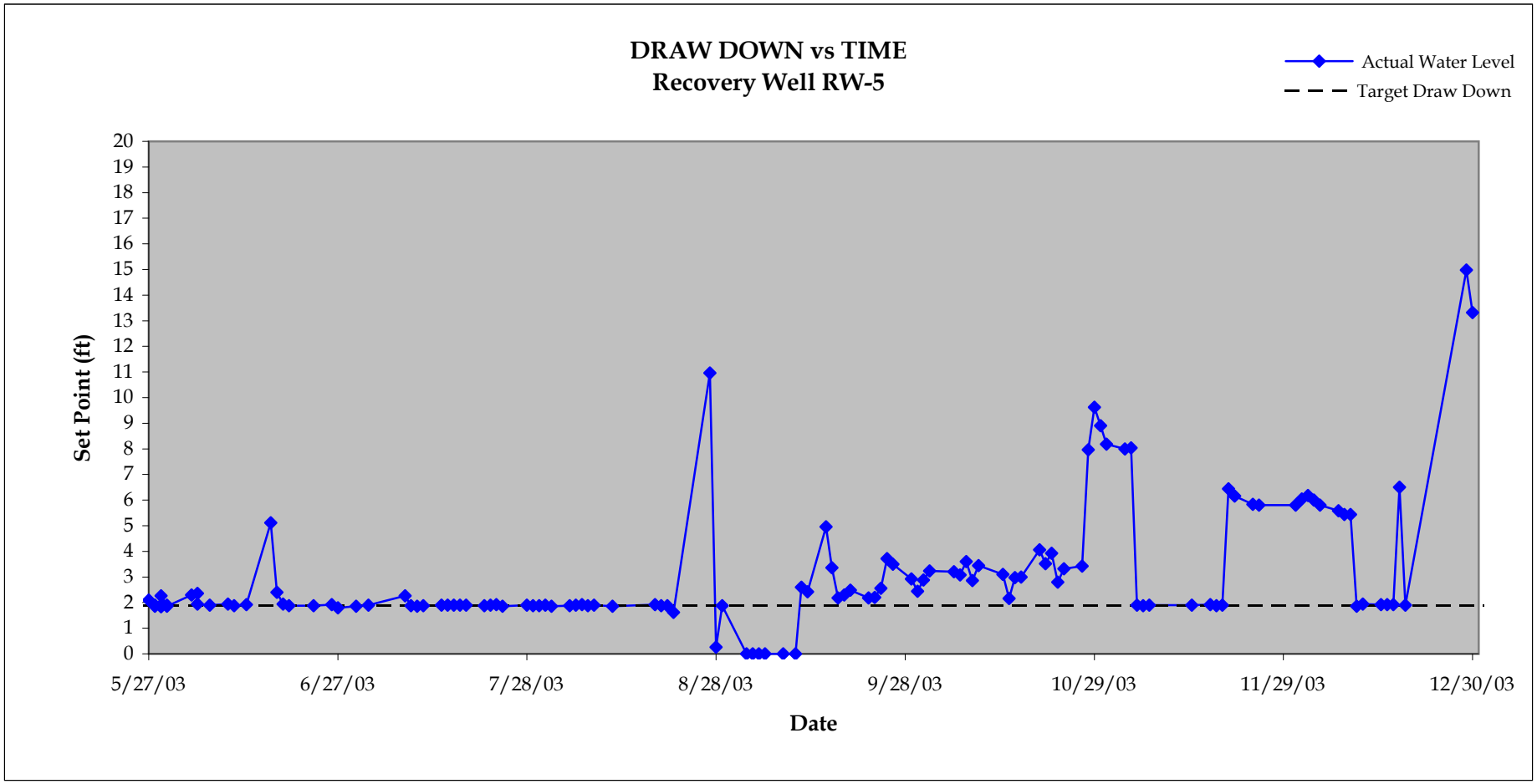
Close File


DRAW DOWN vs TIME
Recovery Well RW-3
Actual Water Level
Target Draw Down
Set Point (ft)
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
5/27/03
6/27/03
7/28/03
8/28/03
9/28/03
10/29/03
11/29/03
12/30/03
Date

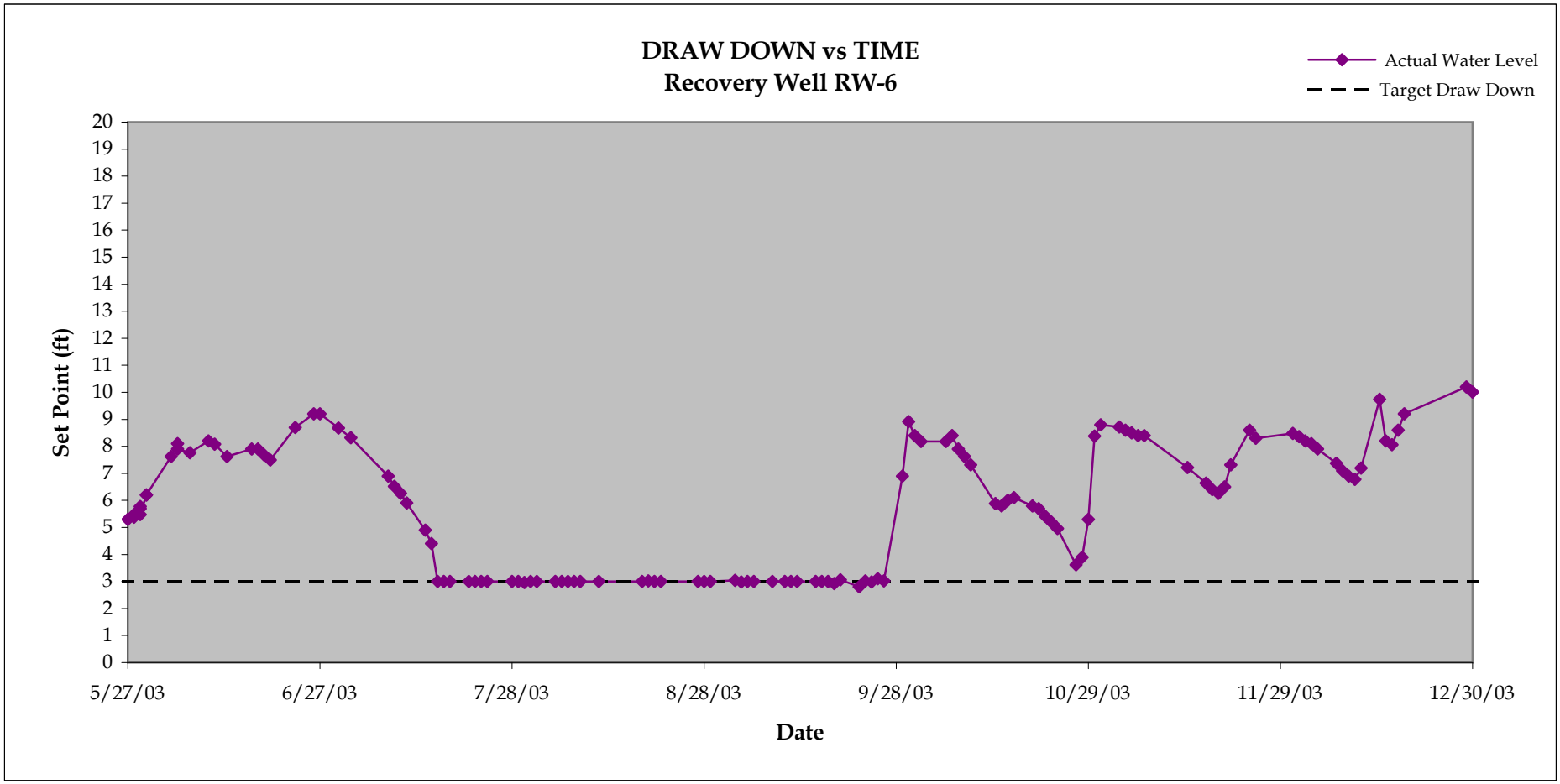
Close File


DRAW DOWN vs TIME
Recovery Well RW-4
Actual Water Level
Target Draw Down
Set Point (ft)
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
5/27/03
6/27/03
7/28/03
8/28/03
9/28/03
10/29/03
11/29/03
12/30/03
Date

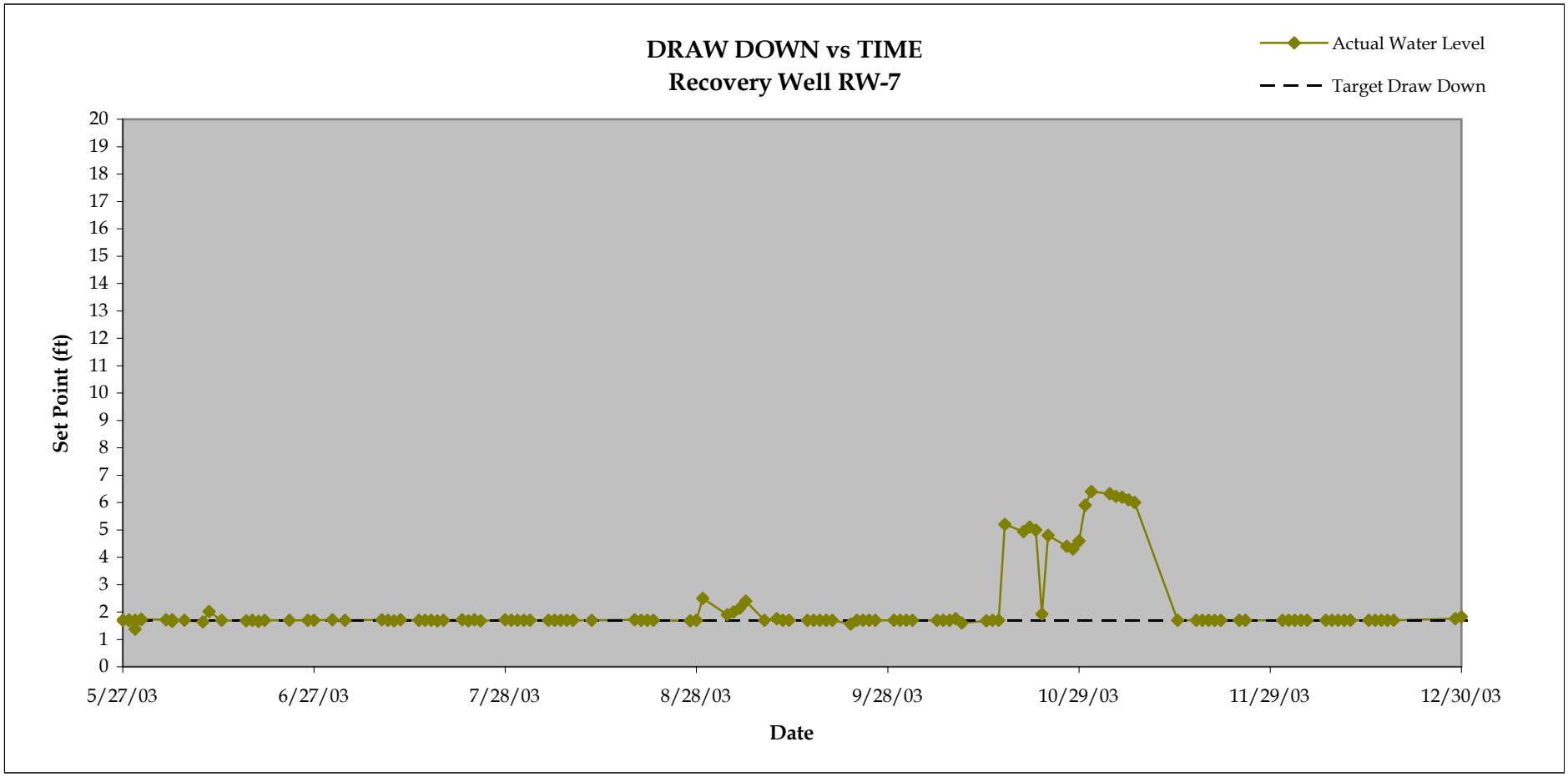
Close File


DRAW DOWN vs TIME
Recovery Well RW-5
Actual Water Level
Target Draw Down
Set Point (ft)
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
5/27/03
6/27/03
7/28/03
8/28/03
9/28/03
10/29/03
11/29/03
12/30/03
Date

Close File

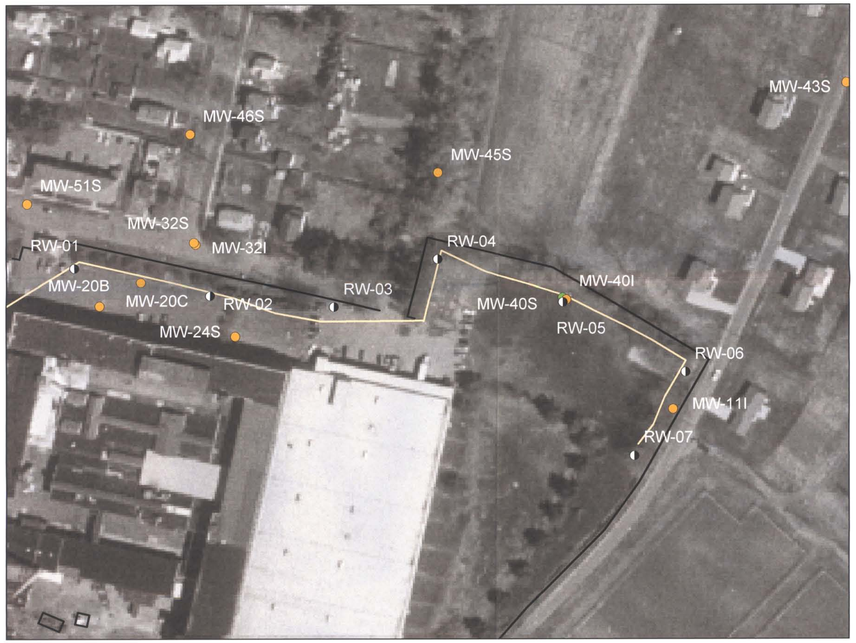

DRAW DOWN vs TIME
Recovery Well RW-6
Actual Water Level
Target Draw Down
Set Point (ft)
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
5/27/03
6/27/03
7/28/03
8/28/03
9/28/03
10/29/03
11/29/03
12/30/03
Date

Close File


DRAW DOWN vs TIME
Recovery Well RW-7
Actual Water Level
Target Draw Down
Set Point (ft)
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
5/27/03
6/27/03
7/28/03
8/28/03
9/28/03
10/29/03
11/29/03
12/30/03
Date

Close File

N



September 2001

September 2003

January 2003

December 2003

0 100 200 Feet

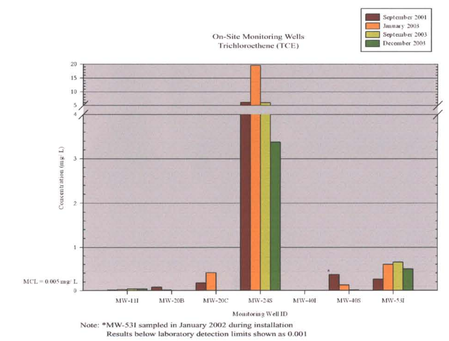
LEGEND

- MONITORING WELL LOCATIONS SAMPLED
- MONITORING WELL LOCATIONS WITH TCE CONCENTRATIONS DETECTED ABOVE THE MCL OF 0.005 mg/L.
- RECOVERY WELL LOCATIONS
- RECOVERY SYSTEM

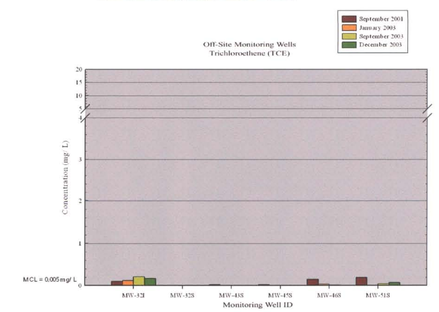
NOTES:

MIGRATION CONTROL SYSTEM INSTALLED DURING DECEMBER 2002 AND JANUARY 2003.

MONITORING WELL MW-53I WAS INSTALLED IN JANUARY 2002.



Note: *MW-53I sampled in January 2002 during installation
Results below laboratory detection limits shown as 0.001



Note: Results below laboratory detection limits shown as 0.001

AERIAL PHOTO SOURCE:
OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS

PROJECT:
MTD PRODUCTS INC.
COLUMBIA MANUFACTURING FACILITY

SHEET TITLE:
DISTRIBUTION OF TRICHLOROETHENE (TCE) DETECTED ABOVE MCL IN GROUNDWATER

DRAWN BY: MAG/ARR	SCALE: AS NOTED	PROJ. NO.: 00-000998.89	
CHECKED BY: BCB		FILE NO.: TCE.mxd	
APPROVED BY: REC	DATE PRINTED: JULY 2004	Plate 1	
DATE: JULY 2004			

RMT

100 VERDAE BLVD
P.O. BOX 16778
GREENVILLE, SOUTH CAROLINA
(864) 281-0030

Map Document: (P:\Hydro\998\Westfield-MA\ArcView\ArcGIS\2003SystemPerformanceRpt\plates\TCE.mxd)
7/15/2004 -- 9:11:24 AM

Close File

September 2001

September 2003

January 2003

December 2003

0 100 200 Feet

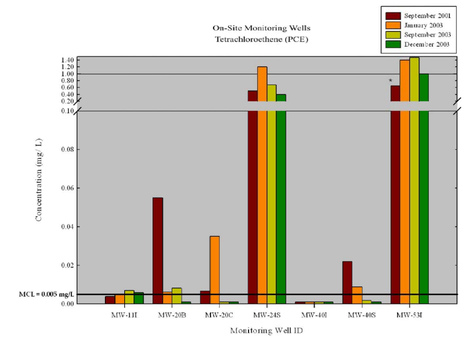
LEGEND

- MONITORING WELL LOCATIONS SAMPLED
- MONITORING WELL LOCATIONS WITH PCE CONCENTRATIONS DETECTED ABOVE THE MCL OF 0.005 mg/L.
- RECOVERY WELL LOCATIONS
- RECOVERY SYSTEM

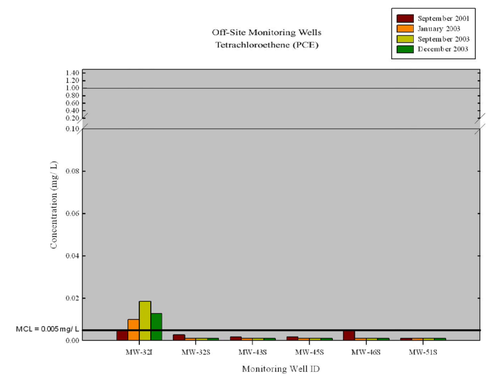
NOTES:

MIGRATION CONTROL SYSTEM INSTALLED DURING DECEMBER 2002 AND JANUARY 2003.

MONITORING WELL MW-53I WAS INSTALLED IN JANUARY 2002.



Notes: *MW-53I sampled in January 2002 during installation
Results below laboratory detection limits shown as 0.001



Note: Results below laboratory detection limits shown as 0.001

AERIAL PHOTO SOURCE:
OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS

PROJECT:
MTD PRODUCTS INC.
COLUMBIA MANUFACTURING FACILITY

SHEET TITLE:
DISTRIBUTION OF TETRACHLOROETHENE (PCE) DETECTED ABOVE MCL IN GROUNDWATER

DRAWN BY: MAG/ARR	SCALE: AS NOTED	PROJ. NO.: 00-000998.89	
CHECKED BY: BCB		FILE NO.: PCE.mxt	
APPROVED BY: BEC	DATE PRINTED: JULY 2004	Plate 2	
DATE: JULY 2004			

RMT

100 VERDAE BLVD
P.O. BOX 16778
GREENVILLE, SOUTH CAROLINA
(864) 281-0030

Map Document: (P:\Hydro\998\Westfield-MA\ArcView\ArcGIS\2003SystemPerformanceRpt\plates\PCE.mxd)
7/15/2004 -- 11:30:17 AM

Close File

September 2001

September 2003

January 2003

December 2003

0 100 200 Feet

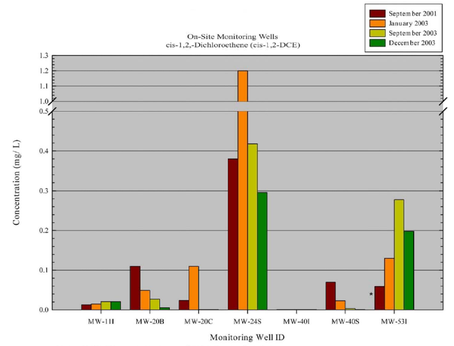
LEGEND

- MONITORING WELL LOCATIONS SAMPLED
- MONITORING WELL LOCATIONS WITH CIS DCE CONCENTRATIONS DETECTED ABOVE THE MCL OF 0.07 mg/L.
- RECOVERY WELL LOCATIONS
- RECOVERY SYSTEM

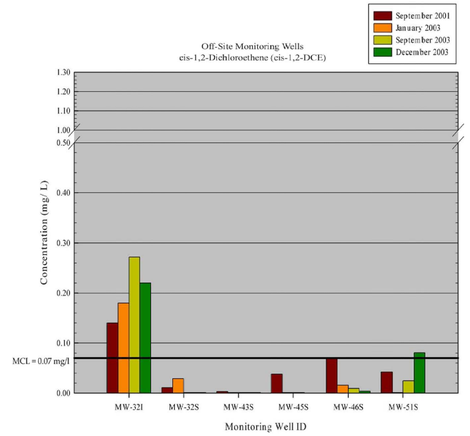
NOTES:

MIGRATION CONTROL SYSTEM INSTALLED DURING DECEMBER 2002 AND JANUARY 2003.

MONITORING WELL MW-53I WAS INSTALLED IN JANUARY 2002.



Notes: *MW-53I sampled in January 2002 following installation
Results below laboratory direction limits shown as 0.001



Notes: Results below laboratory ditection limits shown as 0.001

AERIAL PHOTO SOURCE:
OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS

PROJECT:
MTD PRODUCTS INC.
COLUMBIA MANUFACTURING FACILITY

SHEET TITLE:
DISTRIBUTION OF CIS-1,2-DICHLOROETHENE (CIS-1,2-DCE) DETECTED ABOVE THE MCL IN GROUNDWATER

DRAWN BY: MAG/ARR	SCALE: AS NOTED	PROJ. NO.:	00-000998.89
CHECKED BY: BCB		FILE NO.:	cisDCE.mxd
APPROVED BY: BEC	DATE PRINTED: JULY 2004	Plate 3	
DATE: JULY 2004			

RMT
100 VERDAE BLVD
P.O. BOX 16778
GREENVILLE, SOUTH CAROLINA
(864) 281-0030

Map Document: (P:\Hydro\998\Westfield-MA\ArcView\ArcGIS\2003SystemPerformanceRpt\plates\cisDCE.mxd)
7/15/2004 -- 11:18:55 AM

Close File

September 2001

September 2003

January 2003

December 2003

0 100 200 Feet

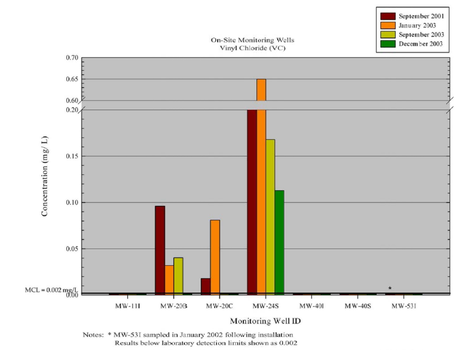
LEGEND

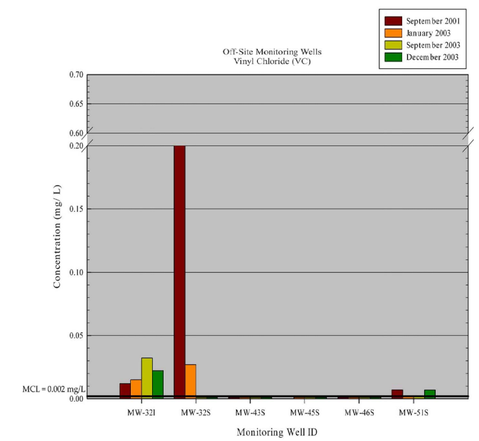
- MONITORING WELL LOCATIONS SAMPLED
- MONITORING WELL LOCATIONS WITH VINYL CHLORIDE CONCENTRATIONS DETECTED ABOVE THE MCL OF 0.002 mg/L.
- RECOVERY WELL LOCATIONS
- RECOVERY SYSTEM

NOTES:

MIGRATION CONTROL SYSTEM INSTALLED DURING DECEMBER 2002 AND JANUARY 2003.

MONITORING WELL MW-53I WAS INSTALLED IN JANUARY 2002.





AERIAL PHOTO SOURCE:
OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS

PROJECT:
MTD PRODUCTS INC
COLUMBIA MANUFACTURING FACILITY

SHEET TITLE:
DISTRIBUTION OF VINYL CHLORIDE DETECTED ABOVE MCL IN GROUNDWATER

DRAWN BY: MAG/ARR	SCALE: AS NOTED	PROJ. NO.:	00-000998.89
CHECKED BY: BCB		FILE NO.:	RMT31X20.mxd
APPROVED BY: BEC	DATE PRINTED: JULY 2004	Plate 4	
DATE: JULY 2004			

RMT
100 VERDAE BLVD
P.O. BOX 16778
GREENVILLE, SOUTH CAROLINA
(864) 281-0030

Map Document: (P:\Hydro\998\Westfield-MA\ArcView\ArcGIS\2003SystemPerformanceRpt\plates\VC.mxd)
3/10/2004 -- 10:52:56 AM