



1-52-125

January 28, 2003

Mr. Mark Soliman  
Blue Water Environmental, Inc.  
1610 New Highway  
Farmingdale, NY 11735

*Transmitted Via US Mail*

**Subject: December 2002 Ground-Water Sampling Program Results  
Active Industrial Uniform  
Lindenhurst, New York  
LAW Project Number 22000-0-0019**

Dear Mr. Soliman:

Law Engineering and Environmental Services, P.C. (LAW), a MACTEC Company, is pleased to present this Quarterly Ground-Water Monitoring Report for the Active Industrial Uniform (AIU) site in Lindenhurst, New York. This report summarizes ground-water conditions for the December 2002 monitoring event.

This report provides a summary of background information, methodologies used during the ground-water sampling, results, and conclusions.

#### **BACKGROUND INFORMATION**

The ground-water remediation system at the AIU site is designed to recover and treat ground water impacted with volatile organic compounds (VOCs). The system design is consistent with the remedy stated in the Final Design Contract Documents (Contract Documents) from the New York State Department of Environmental Conservation (NYSDEC) dated March 2000 for the site.

The ground-water remediation system utilizes two recovery wells (wells RW-1 and RW-2) to extract ground water from the subsurface. Recovery well RW-1 is located on-site and well RW-2 is located off-site. Eleven ground-water monitoring wells were installed for monitoring ground-water quality conditions. Eight monitoring wells are located on-site (designated as MW-101 through MW-108) and three monitoring wells are located off-site (designated as MW-109 through MW-111) and downgradient

of the site. The discharge pipe for the recovery wells was trenched from the wells to the treatment building. The recovered ground water is treated by an automated air stripping system located in the on-site treatment building. The ground-water treatment system has a design capacity of 250-gallons per minute (gpm) flow rate. The off-gases from the air stripper are treated with vapor phase carbon and discharged to the atmosphere under an air discharge permit equivalency. The treated ground-water is discharged under a State Pollution Discharge Elimination System (SPDES) permit equivalency. Results of samples for vapors and ground-water discharged are as separate reports.

## METHODOLOGY

### **Ground-Water Sampling**

On December 16<sup>th</sup>, 2002 ground-water samples were collected from the eight on-site monitoring wells, and three off-site monitoring wells. A site layout is shown on Figure 1. Prior to sampling, ground-water levels were measured in the wells using an electronic water-level measuring device. Depth to ground-water measurements ranged from 0.76 feet below top of casing (TOC) to 7.30 feet below TOC. Ground-water measurements and elevations are shown in Table 1.

Each well was purged of approximately three well volumes using a peristaltic pump prior to sampling. Purged water was discharged to the ground surface on-site as directed by State oversight personnel (Environmental Resources Management). After the wells were purged, ground-water samples were collected using a new, disposable Teflon bailer for each well. The following field parameters were measured in the field as the well was purged and recorded on the water sampling logs: pH; specific conductivity; and temperature.

Ground-water samples collected from the 11 wells were analyzed for VOCs using United States Environmental Protection Agency (USEPA) Method 8260B. Samples were submitted to Environmental Testing Laboratories, Inc. (ETL), under proper chain of custody documentation. In addition, a duplicate sample, as well as a field blank and a trip blank were submitted to the laboratory for analysis for QA/QC purposes. Table 2 summarizes the results of the VOCs analyses. Copies of the laboratory analytical reports are provided in Appendix A. Copies of ground-water sampling logs are provided in Appendix B.

## SUMMARY OF RESULTS

### Ground-Water Flow

Figure 2 is a map depicting the configuration of the water table (potentiometric surface) that was prepared using the ground-water elevation data provided in Table 1. As shown on Figure 2, the horizontal component of ground-water flow is in a south-southwesterly direction, which is consistent with the direction of the ground-water flow mapped during previous events.

### Ground-Water Sampling

Analytical results of ground-water samples collected during the December 16<sup>th</sup>, 2002 sampling event indicate that VOCs are present in on-site and off-site monitoring wells. Concentrations of total VOCs reported in the on-site monitoring wells ranged from non-detect to 1,889.9 micrograms per liter (ug/L) (replicate of well MW-106). As shown in Table 2, vinyl chloride, trans-1,2 dichloroethene, cis-1,2-dichlorothene, trichloroethene, tetrachloroethene, and 1,2,4-trimethylbenzene were detected at concentrations above NYSDEC ground-water standards. Wells MW-102, MW-103, MW-104, MW-105, MW-106, and MW-107 had one or more VOCs reported at concentrations above NYSDEC ground-water quality standards. Wells MW-106 and MW-104 had the highest concentrations of total VOCs located on-site (1,442 ug/L [replicate 1,889.9] and 352.3 ug/L, respectively). The VOC detected at the highest concentration in well MW-106 was cis-1,2-dichloroethene (1,270 ug/L; replicate sample 1,680). The VOC detected at the highest concentration in well MW-104 was tetrachloroethene (340 ug/L). Vinyl chloride (62.9ug/L), trans-1,2 dichloroethene (8.8 ug/L), trichloroethene (40.6 ug/L), and tetrachloroethene (56.7 ug/L) were also reported at concentrations above NYSDEC ground-water quality standards in MW-106. Similarly, Vinyl chloride (73.7 ug/L), trans-1,2 dichloroethene (11.7 ug/L), trichloroethene (49 ug/L), and tetrachloroethene (71.6 ug/L) were detected in the replicate sample (MW-116). In addition to tetrachloroethene in MW-104, trichloroethene (11 ug/L) was also reported at a concentration above the NYSDEC ground-water quality standard. No VOCs were reported at concentrations above NYSDEC ground-water quality standards in on-site wells MW-101 and MW-108.

The concentrations of total VOCs detected in off-site monitoring wells MW-109, MW-110, and MW-111, were 8.7 ug/L, 1,068.9 ug/L, and 120 ug/L, respectively (Table 2). Wells MW-110 and MW-111 had VOCs reported at concentrations at or above NYSDEC ground-water quality standards. Vinyl chloride, trans-1,2 dichloroethene, methyl t-butyl ether, cis-1,2-dichloroethene, and 1,1,1-trichloroethane were detected at or above NYSDEC ground-water standards (Table 2) in these wells.

## CONCLUSIONS

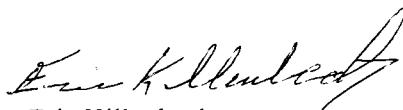
- The horizontal component of ground-water flow at the AIU site is in a south-southwesterly direction.
- The highest levels of total VOCs were reported in monitoring wells MW-106 (1,442 ug/L), MW-110 (1,068.9 ug/L), and MW-104 (352.3 ug/L) (Table 2).
- The VOCs reported at the highest concentrations above NYSDEC ground-water quality standards were cis-1,2-dichloroethene, trichloroethene, tetrachloroethene, vinyl chloride, and methyl t-butyl ether.
- Off-site monitoring wells MW-110 and MW-111 had one or more VOCs reported at concentrations at or above NYSDEC ground-water quality standards.
- Quarterly sampling will continue during operation of the ground-water remediation system.

## CLOSING

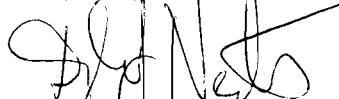
We appreciate the opportunity to assist Blue Water Environmental with this project. If you have any questions or need additional information, please do not hesitate to call us.

Sincerely,

LAW ENGINEERING AND ENVIRONMENTAL SERVICES, P.C., A MACTEC COMPANY



Eric Killenbeck  
Project Geologist



Douglas J. Newton, CPG  
Principal Geologist

TABLE 1  
GROUND-WATER ELEVATION DATA AND WELL CONSTRUCTION DETAILS  
ACTIVE INDUSTRIAL UNIFORM, LINDENHURST, NEW YORK  
LAW PROJECT NO. 22000-0-0019

WELL	DATE DRILLED	LOCATION	TOTAL DEPTH (FT. BGS)	SCREEN INTERVAL (FT. BGS)	CASING WELL DIAMETER (INCHES)	TOP OF PVC CASING ELEVATION (FT. RELATIVE TO MSL)	DEPTH TO GROUND-WATER LEVEL ELEVATION (FT. BELOW TOP OF PVC CASING) MSL)	12/13/2001		3/7/2002	
								GROUND-WATER LEVEL ELEVATION (FT. RELATIVE TO MSL)	DEPTH TO GROUND-WATER LEVEL ELEVATION (FT. RELATIVE TO MSL)	GROUND-WATER LEVEL ELEVATION (FT. BELOW TOP OF PVC CASING) MSL)	DEPTH TO GROUND-WATER LEVEL ELEVATION (FT. BELOW TOP OF PVC CASING) MSL)
MW-101	06/05/01	On-site	14.22	5-15	2	8.83	7.03	1.80	7.78	1.05	1.05
MW-102	06/05/01	On-site	14.10	5-15	2	8.66	7.10	1.56	7.65	1.01	1.01
MW-103	06/05/01	On-site	13.26	5-15	2	8.57	7.06	1.51	7.62	0.95	0.95
MW-104	06/05/01	On-site	14.24	5-15	2	8.70	7.25	1.45	7.87	0.83	0.83
MW-105	06/05/01	On-site	14.23	5-15	2	8.58	7.12	1.46	7.73	0.85	0.85
MW-106	06/05/01	On-site	14.11	5-15	2	8.50	7.10	1.40	7.61	0.89	0.89
MW-107	06/04/01	On-site	14.30	5-15	2	8.44	7.02	1.42	7.66	0.78	0.78
MW-108	06/04/01	On-site	14.17	5-15	2	8.82	7.41	1.41	8.13	0.69	0.69
MW-109	06/11/01	Off-site	34.60	25-35	2	1.21	0.72	0.49	2.00	-0.79	
MW-110	06/12/01	Off-site	34.39	25-35	2	NA	1.34	NA	2.46	NA	
MW-111	06/12/01	Off-site	34.30	25-35	2	NA	3.25	NA	4.10	NA	
RW-1	06/06/01	On-site	40.00	10-35	6	NA	7.95	NA	NM	NA	
RW-2	06/07/01	Off-site	43.00	12-37	6	NA	NM	NA	NM	NA	

## Notes:

NM - Not Measured

NA - Not Available

FT. BGS-feet below ground surface

FT. TOC - feet below top of pvc casing

MSL-mean sea level

TABLE 1  
GROUND-WATER ELEVATION DATA AND WELL CONSTRUCTION DETAILS  
ACTIVE INDUSTRIAL UNIFORM, LINDENHURST, NEW YORK  
LAW PROJECT NO. 22000-0-0019

WELL	DATE DRILLED	LOCATION	TOTAL DEPTH (FT. BGS)	SCREEN INTERVAL (FT. BGS)	CASING WELL DIAMETER (INCHES)	TOP OF PVC CASING ELEVATION (FT. RELATIVE TO MSL) (INCHES)	6/24/2002		9/24/2002	
							DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)	LEVEL ELEVATION (FT. RELATIVE TO MSL)	DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)	LEVEL ELEVATION (FT. RELATIVE TO MSL)
MW-101	06/05/01	On-site	14.22	5-15	2	8.83	7.21	1.62	7.22	1.61
MW-102	06/05/01	On-site	14.10	5-15	2	8.66	7.06	1.60	7.09	1.57
MW-103	06/05/01	On-site	13.26	5-15	2	8.57	7.02	1.55	7.07	1.50
MW-104	06/05/01	On-site	14.24	5-15	2	8.70	7.18	1.52	7.28	1.42
MW-105	06/05/01	On-site	14.23	5-15	2	8.58	7.08	1.50	7.17	1.41
MW-106	06/05/01	On-site	14.11	5-15	2	8.50	7.03	1.47	7.03	1.47
MW-107	06/04/01	On-site	14.30	5-15	2	8.44	7.02	1.42	7.09	1.35
MW-108	06/04/01	On-site	14.17	5-15	2	8.82	7.41	1.41	7.57	1.25
MW-109	06/11/01	Off-site	24.60	25-35	2	1.21	1.34	-0.13	1.41	-0.20
MW-110	06/12/01	Off-site	24.39	25-35	2	NA	1.76	NA	1.70	NA
MW-111	06/12/01	Off-site	24.30	25-35	2	NA	3.67	NA	3.50	NA
RW-1	06/06/01	On-site	40.00	10-35	6	NA	NM	NA	NM	NA
RW-2	06/07/01	Off-site	43.00	12-37	6	NA	NM	NA	NM	NA

Notes:

NM - Not Measured

NA - Not Available

FT. BGS-feet below ground surface

FT. TOC - feet below top of pvc casing

MSL-mean sea level

TABLE 1  
GROUND-WATER ELEVATION DATA AND WELL CONSTRUCTION DETAILS  
ACTIVE INDUSTRIAL UNIFORM, LINDENHURST, NEW YORK  
LAW PROJECT NO. 22000-0-0019

WELL	DATE DRILLED	LOCATION	TOTAL DEPTH (FT. BGS)	SCREEN INTERVAL (FT. BGS)	CASING WELL DIAMETER (INCHES)	TOP OF PVC CASING ELEVATION (FT. RELATIVE TO MSL)	DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)	12/16/2002 GROUND-WATER LEVEL ELEVATION (FT. RELATIVE TO MSL)
MW-101	06/05/01	On-site	14.22	5-15	2	8.83	6.97	1.86
MW-102	06/05/01	On-site	14.10	5-15	2	8.66	6.84	1.82
MW-103	06/05/01	On-site	13.26	5-15	2	8.57	6.81	1.76
MW-104	06/05/01	On-site	14.24	5-15	2	8.70	7.03	1.67
MW-105	06/05/01	On-site	14.23	5-15	2	8.58	6.91	1.67
MW-106	06/05/01	On-site	14.11	5-15	2	8.50	6.77	1.73
MW-107	06/04/01	On-site	14.30	5-15	2	8.44	6.82	1.62
MW-108	06/04/01	On-site	14.17	5-15	2	8.82	7.30	1.52
MW-109	06/11/01	Off-site	34.60	25-35	2	1.21	0.76	0.45
MW-110	06/12/01	Off-site	34.39	25-35	2	NA	1.23	NA
MW-111	06/12/01	Off-site	34.30	25-35	2	NA	3.18	NA
RW-1	06/06/01	On-site	40.00	10-35	6	NA	NM	NA
RW-2	06/07/01	Off-site	43.00	12-37	6	NA	NM	NA

Notes:

NM - Not Measured

NA - Not Available

FT. BGS-feet below ground surface

FT. TOC - feet below top of pvc casing

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**TABLE 2**  
**RESULTS OF VOLATILE ORGANIC COMPOUND ANALYSES FOR GROUND WATER SAMPLES COLLECTED AT THE  
 ACTIVE INDUSTRIAL UNIFORM, LINDENHURST, NEW YORK  
 LAW PROJECT NO. 22000-0-0019**

Constituent: Units in ug/L	Sample Location: Lab Sample ID: Date Collected:	MW-101 P2352-5 12/16/2002	MW-102 P2352-4 12/16/2002	MW-103 P2352-6 12/16/2002	MW-104 P2352-7 12/16/2002	MW-105 P2352-9 12/16/2002	MW-106 P2352-11 12/16/2002	MW-116 P2352-12 12/16/2002	MW-107 P2352-10 12/16/2002	NYSDEC Standards
Vinyl chloride										
Chloroethane										
1,1-Dichloroethene	0.23	v	0.23	v	0.23	v	0.23	62.9	73.7	5
Carbon disulfide	0.24	v	0.24	v	0.24	v	0.24	0.24	0.24	0.24
trans-1,2-Dichloroethene	0.27	v	0.27	v	0.27	v	0.27	0.27	0.27	0.27
Methyl t-butyl ether	0.19	v	0.19	v	0.19	v	0.19	0.19	0.19	0.19
Methylene Chloride	0.31	v	0.31	v	0.31	v	0.31	8.8	11.7	60
1,1-Dichloroethane	0.18	v	0.18	v	0.18	v	0.18	0.18	0.18	0.18
cis-1,2-Dichloroethene	0.21	v	0.21	v	0.21	v	0.21	0.21	0.21	0.21
Chloroform	0.24	v	0.24	v	0.24	v	0.24	1270	1680	64
1,1,1-Trichloroethane	0.26	v	0.26	v	0.26	v	0.26	0.26	0.26	0.26
Trichloroethene	0.26	v	0.26	v	0.26	v	0.26	0.26	0.26	0.26
Bromodichloromethane	0.36	v	0.91	v	0.36	v	0.36	40.6	49	13.6
Toluene	0.2	v	0.2	v	0.2	v	0.2	0.2	0.2	0.2
Tetrachloroethene	0.11	v	6	v	0.2	v	0.2	1.9	2.5	0.2
Dibromochloromethane	0.13	v	0.13	v	0.13	v	0.13	56.7	71.6	7.6
Ethylenbenzene	0.22	v	0.22	v	0.22	v	0.22	0.22	0.22	0.22
m,p-xylene	0.34	v	0.34	v	0.34	v	0.34	0.34	0.34	0.34
o-xylene	0.25	v	0.25	v	0.25	v	0.25	1.1	1.4	2.1
Isopropylbenzene	0.15	v	0.15	v	0.15	v	0.15	0.15	0.15	0.15
n-Propylbenzene	0.16	v	0.16	v	0.16	v	0.16	0.16	0.16	0.16
p-Ethyltoluene	0.16	v	0.16	v	0.16	v	0.16	0.16	0.16	0.16
1,3,5-Trimethylbenzene	0.2	v	0.2	v	0.2	v	0.2	0.2	0.2	0.2
1,2,4-Trimethylbenzene	0.17	v	0.17	v	0.17	v	0.17	0.17	0.17	0.17
sec-Butylbenzene	0.22	v	0.22	v	0.22	v	0.22	0.22	0.22	0.22
4-Isopropyltoluene	0.17	v	0.17	v	0.17	v	0.17	0.17	0.17	0.17
1,4-Dichlorobenzene	0.1	v	0.1	v	0.1	v	0.1	0.1	0.1	0.1
1,2-Dichlorobenzene	0.11	v	0.11	v	0.11	v	0.11	0.11	0.11	0.11
P-Diethylbenzene	0.22	v	0.22	v	0.22	v	0.22	0.22	0.22	0.22
n-Butylbenzene	0.17	v	0.17	v	0.17	v	0.17	0.17	0.17	0.17
1,2,4,5-Tetramethylbenzene	0.5	v	0.5	v	0.5	v	0.5	0.5	0.5	0.5
Naphthalene	0.29	v	0.29	v	0.29	v	0.29	0.29	0.29	0.29
Total VOCs	0	6.91	26.3	352.3	6.5	1442.0	1889.9	109.7		

Notes:

ug/L - Micrograms per liter

&lt; Compound less than detection limit listed

VOCs - Volatile Organic Compounds

NS - No Standard

Bold Typeface - Concentration reported at or above NYSDEC standard

TABLE 2  
 RESULTS OF VOLATILE ORGANIC COMPOUND ANALYSES FOR GROUND WATER SAMPLES COLLECTED AT THE  
 ACTIVE INDUSTRIAL UNIFORM, LINDENHURST, NEW YORK  
 LAW PROJECT NO. 22000-0-0019

Constituent: Units in ug/L	Sample Location: Lab Sample ID: Date Collected:	MW-108 P2352-8 12/16/2002	MW-109 P2352-1 12/16/2002	MW-110 P2352-2 12/16/2002	MW-111 P2352-3 12/16/2002	Field Blank P2352-13 12/16/2002	Trip Blank P2351-1 12/16/2002	NYSDEC Standards
Vinyl chloride	v	0.23	0.23	4.2	0.23	v	0.23	2
Chloroethane	v	0.24	0.24	v	0.24	v	0.24	5
1,1-Dichloroethene	v	0.27	0.27	0.99	0.27	v	0.27	5
Carbon disulfide	v	0.19	0.19	0.19	0.19	v	0.19	60
trans-1,2-Dichloroethene	v	0.31	0.31	9.4	0.31	v	0.31	5
Methyl t-butyl ether	v	0.18	0.18	4.4	0.18	v	0.18	10
Methylene Chloride	v	0.21	0.21	120.0	0.18	v	0.18	
1,1-Dichloroethane	v	0.3	0.3	0.21	1.2	v	0.21	5
cis-1,2-Dichloroethene	v	0.24	0.24	2.9	0.3	v	0.3	5
Chloroform	v	0.26	0.26	1030	0.24	v	0.24	5
1,1,1-Trichloroethane	v	0.28	0.28	v	0.26	v	0.26	7
Trichloroethene	v	0.36	0.36	14.3	0.26	v	0.26	5
Bromodichloromethane	v	0.2	0.2	2.7	0.36	v	0.36	5
Toluene	v	0.2	0.2	0.2	0.2	v	0.2	50
Tetrachloroethene	v	2.9	0.85	v	0.2	v	0.2	5
Dibromochloromethane	v	0.13	0.13	0.11	0.11	v	0.11	5
Ethylbenzene	v	0.22	0.22	0.22	0.13	v	0.13	50
m,p-xylene	v	0.34	0.34	0.34	0.22	v	0.22	5
o-xylene	v	0.25	0.25	0.25	0.22	v	0.22	
Isopropylbenzene	v	0.15	0.15	0.15	0.16	v	0.16	5
n-Propylbenzene	v	0.16	0.16	0.16	0.16	v	0.16	NS
p-Ethyltoluene	v	0.16	0.16	0.16	0.16	v	0.16	
1,3,5-Trimethylbenzene	v	0.2	0.2	0.2	0.2	v	0.2	5
1,2,4-Trimethylbenzene	v	0.17	0.17	0.17	0.17	v	0.17	5
sec-Butylbenzene	v	0.22	0.22	0.22	0.22	v	0.22	5
4-Isopropyltoluene	v	0.17	0.17	0.17	0.17	v	0.17	5
1,4-Dichlorobenzene	v	0.1	0.1	0.1	0.1	v	0.1	3
1,2-Dichlorobenzene	v	0.11	0.11	0.11	0.11	v	0.11	3
p-Diethylbenzene	v	0.22	0.22	0.22	0.22	v	0.22	NS
n-Butylbenzene	v	0.17	0.17	0.17	0.17	v	0.17	5
1,2,4,5-Tetramethylbenzene	v	0.5	0.5	0.5	0.5	v	0.5	5
Naphthalene	v	0.29	0.29	0.29	0.29	v	0.29	10
Total VOCs		2.9	8.7	1068.9	120.0	1.2	0	

Notes:

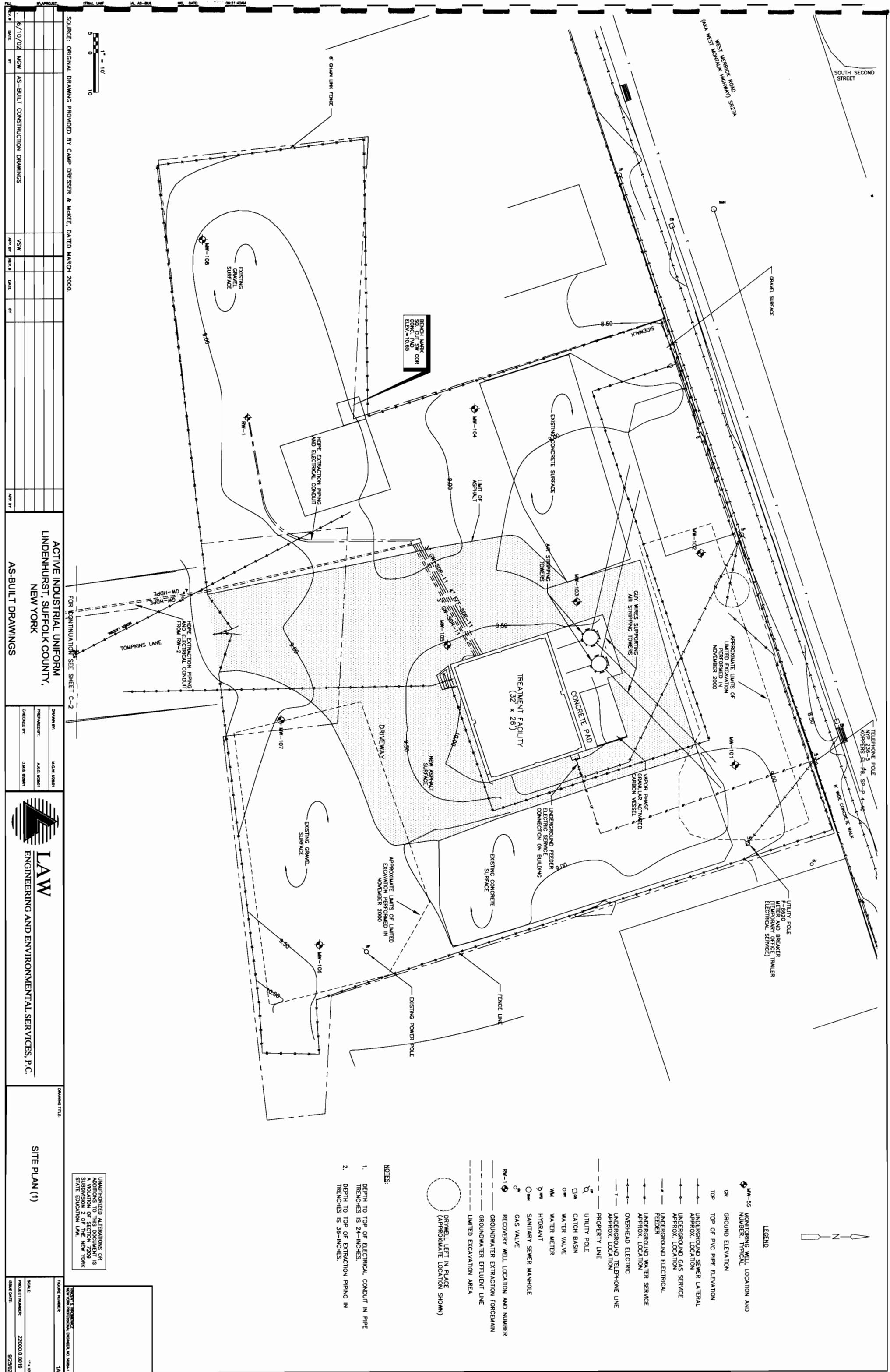
ug/L - Micrograms per liter

< - Compound less than detection limit listed

VOCs - Volatile Organic Compounds

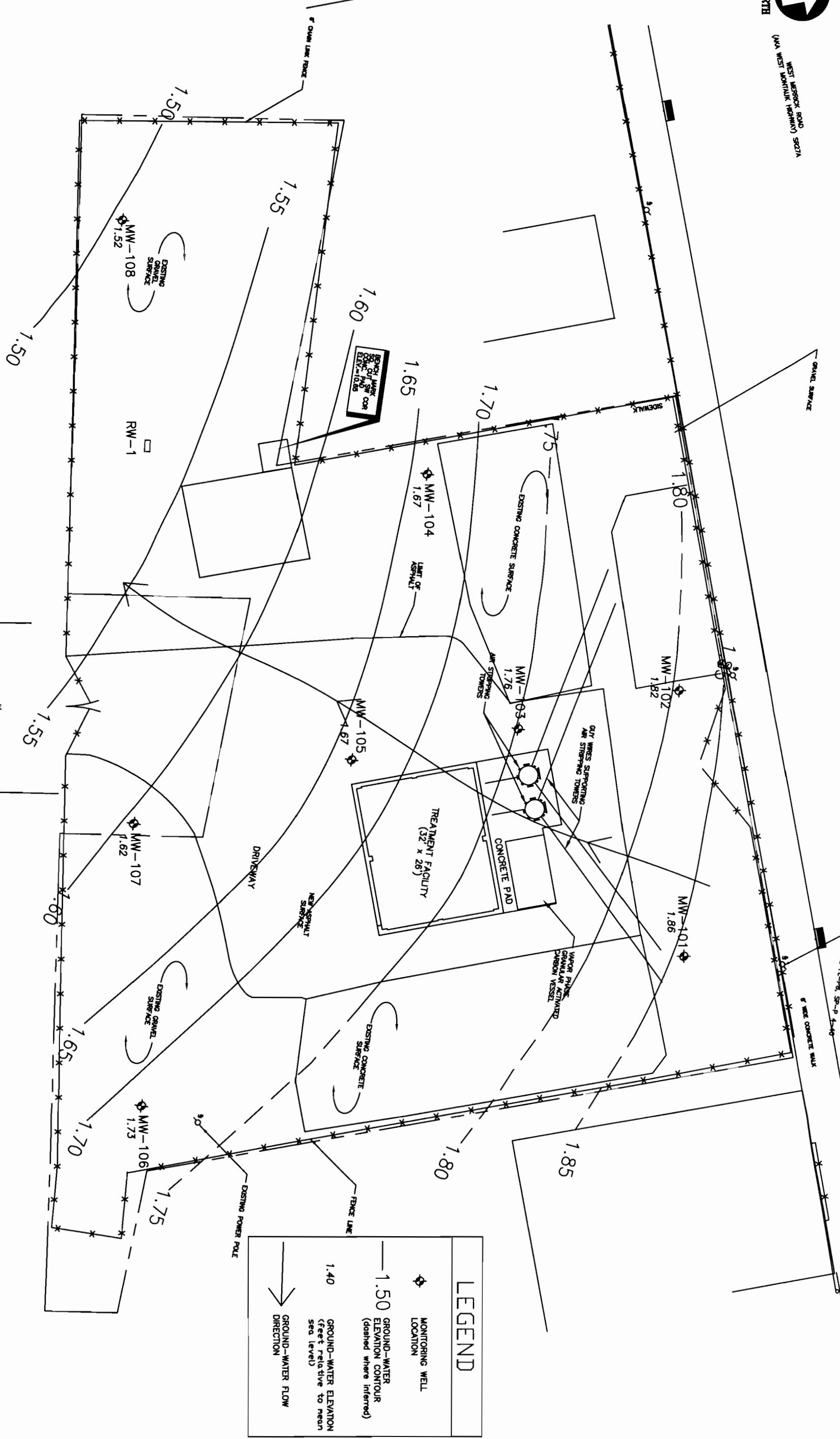
NS - No Standard

Bold Typeface - Concentration reported at or above NYSDEC standard





WEST MERRICK ROAD  
WMA WEST MONTAUK HIGHWAY SIGHT



SCALE: 1" = 20'

ACTIVE INDUSTRIAL UNIFORM  
LINDENHURST, NEW YORK

**LAW**  
Engineering and Environmental Services  
14 Washington Road, Building 1  
Princeton Junction, New Jersey

DECEMBER 2002  
GROUNDWATER ELEVATION CONTOUR

PROJECT NO. 22000-0-0019  
PREPARED: EK  
CHECKED: DN

FIGURE 2

# **Environmental Testing Laboratories, Inc.**

**208 Route 109, Farmingdale NY 11735  
Phone - 631-249-1456 Fax - 631-249-8344**

**12/30/2002**

**Custody Document: P2352**

**Received: 12/16/2002 14:42  
Sampled by: Eric Killenbeck**

**Client: Blue Waters (11260)**

**1610 New Highway  
Farmingdale,  
NY 11735**

**Project: Active Industrial**

**67 West Montauk Hwy  
Lindenhurst,  
NY**

**Manager: Mark Soliman**

**Respectfully submitted,**

  
\_\_\_\_\_  
**Laboratory Manager**

**NYS Lab ID # 10969  
NJ Cert. # 73812  
CT Cert. # PH0645  
MA Cert. # NY061  
PA Cert. # 68-535  
NH Cert. # 252592-BA  
RI Cert. # 161**

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# Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735  
Phone - 631-249-1456 Fax - 631-249-8344

12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-1

Client Sample ID: MW-109

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

Collected: 12/16/2002 09:00

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 810 -7009	0.38	0.38	ppb	U
75-45-6	Chlorodifluoromethane	C 810 -7009	0.25	0.25	ppb	U
74-87-3	Chloromethane	C 810 -7009	0.32	0.32	ppb	U
75-01-4	Vinyl Chloride	C 810 -7009	0.23	0.23	ppb	U
74-83-9	Bromomethane	C 810 -7009	0.32	0.32	ppb	U
75-00-3	Chloroethane	C 810 -7009	0.24	0.24	ppb	U
75-69-4	Trichlorofluoromethane	C 810 -7009	0.27	0.27	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 810 -7009	0.36	0.36	ppb	U
75-35-4	1,1-Dichloroethene	C 810 -7009	0.27	0.27	ppb	U
67-64-1	Acetone	C 810 -7009	1.13	1.13	ppb	U
75-15-0	Carbon disulfide	C 810 -7009	0.19	0.19	ppb	U
75-09-2	Methylene Chloride	C 810 -7009	0.21	0.21	ppb	U
156-60-5	t-1,2-Dichloroethene	C 810 -7009	0.31	0.31	ppb	U
1634-04-4	Methyl t-butyl ether	C 810 -7009	0.18	7.80	ppb	
75-34-3	1,1-Dichloroethane	C 810 -7009	0.30	0.30	ppb	U
590-20-7	2,2-Dichloropropane	C 810 -7009	0.27	0.27	ppb	U
156-59-2	c-1,2-Dichloroethene	C 810 -7009	0.24	0.24	ppb	U
78-93-3	2-Butanone	C 810 -7009	3.80	3.80	ppb	U
74-97-5	Bromochloromethane	C 810 -7009	0.25	0.25	ppb	U
67-66-3	Chloroform	C 810 -7009	0.26	0.26	ppb	U
71-55-6	1,1,1-Trichloroethane	C 810 -7009	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 810 -7009	0.22	0.22	ppb	U
563-58-6	1,1-Dichloropropene	C 810 -7009	0.39	0.39	ppb	U
71-43-2	Benzene	C 810 -7009	0.21	0.21	ppb	U
107-06-2	1,2-Dichloroethane	C 810 -7009	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 810 -7009	0.36	0.36	ppb	U
78-87-5	1,2-Dichloropropane	C 810 -7009	0.31	0.31	ppb	U
74-95-3	Dibromomethane	C 810 -7009	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	C 810 -7009	0.20	0.20	ppb	U
110-75-8	2-Chloroethylvinylether	C 810 -7009	0.33	0.33	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 810 -7009	0.16	0.16	ppb	U
108-10-1	4-Methyl-2-pentanone	C 810 -7009	0.63	0.63	ppb	U
108-88-3	Toluene	C 810 -7009	0.20	0.20	ppb	U
10061-02-6	t-1,3-Dichloropropene	C 810 -7009	0.16	0.16	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-1...continue

Client Sample ID: MW-109

Collected: 12/16/2002 09:00

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	C 810 -7009	0.16	0.16	ppb	U
127-18-4	Tetrachloroethene	C 810 -7009	0.11	0.85	ppb	
142-28-9	1,3-Dichloropropane	C 810 -7009	0.21	0.21	ppb	U
591-78-6	2-Hexanone	C 810 -7009	0.94	0.94	ppb	U
124-48-1	Dibromochloromethane	C 810 -7009	0.13	0.13	ppb	U
106-93-4	1,2-Dibromoethane	C 810 -7009	0.17	0.17	ppb	U
108-90-7	Chlorobenzene	C 810 -7009	0.15	0.15	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 810 -7009	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 810 -7009	0.22	0.22	ppb	U
108-38-3	m,p-xylene	C 810 -7009	0.34	0.34	ppb	U
95-47-6	o-xylene	C 810 -7009	0.25	0.25	ppb	U
100-42-5	Styrene	C 810 -7009	0.20	0.20	ppb	U
75-25-2	Bromoform	C 810 -7009	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 810 -7009	0.15	0.15	ppb	U
108-86-1	Bromobenzene	C 810 -7009	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 810 -7009	0.23	0.23	ppb	U
103-65-1	n-Propylbenzene	C 810 -7009	0.16	0.16	ppb	U
96-18-4	1,2,3-Trichloropropane	C 810 -7009	0.35	0.35	ppb	U
622-96-8	p-Ethyltoluene	C 810 -7009	0.16	0.16	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 810 -7009	0.20	0.20	ppb	U
95-49-8	2-Chlorotoluene	C 810 -7009	0.25	0.25	ppb	U
106-43-4	4-Chlorotoluene	C 810 -7009	0.22	0.22	ppb	U
98-06-6	tert-Butylbenzene	C 810 -7009	0.19	0.19	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 810 -7009	0.17	0.17	ppb	U
135-98-8	sec-Butylbenzene	C 810 -7009	0.22	0.22	ppb	U
99-87-6	4-Isopropyltoluene	C 810 -7009	0.17	0.17	ppb	U
541-73-1	1,3-Dichlorobenzene	C 810 -7009	0.17	0.17	ppb	U
106-46-7	1,4-Dichlorobenzene	C 810 -7009	0.10	0.10	ppb	U
95-50-1	1,2-Dichlorobenzene	C 810 -7009	0.11	0.11	ppb	U
105-05-5	p-Diethylbenzene	C 810 -7009	0.22	0.22	ppb	U
104-51-8	n-Butylbenzene	C 810 -7009	0.17	0.17	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 810 -7009	0.50	0.50	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	C 810 -7009	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 810 -7009	0.13	0.13	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-1...continue

Client Sample ID: MW-109

Collected: 12/16/2002 09:00

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 810 -7009	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 810 -7009	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 810 -7009	0.19	0.19	ppb	U

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C810-7009	100.0 %	( 86- 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C810-7009	102.0 %	( 64- 149)	
2037-26-5	TOLUENE-D8	C810-7009	100.0 %	( 88- 114)	



# Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-2

Client Sample ID: MW-110

Collected: 12/16/2002 09:40

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 810 -7010	0.38	0.38	ppb	U
75-45-6	Chlorodifluoromethane	C 810 -7010	0.25	0.25	ppb	U
74-87-3	Chloromethane	C 810 -7010	0.32	0.32	ppb	U
75-01-4	Vinyl Chloride	C 810 -7010	0.23	4.20	ppb	
74-83-9	Bromomethane	C 810 -7010	0.32	0.32	ppb	U
75-00-3	Chloroethane	C 810 -7010	0.24	0.24	ppb	U
75-69-4	Trichlorofluoromethane	C 810 -7010	0.27	0.27	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 810 -7010	0.36	0.36	ppb	U
75-35-4	1,1-Dichloroethene	C 810 -7010	0.27	0.99	ppb	
67-64-1	Acetone	C 810 -7010	1.13	1.13	ppb	U
75-15-0	Carbon disulfide	C 810 -7010	0.19	0.19	ppb	U
75-09-2	Methylene Chloride	C 810 -7010	0.21	0.21	ppb	U
156-60-5	t-1,2-Dichloroethene	C 810 -7010	0.31	9.40	ppb	
1634-04-4	Methyl t-butyl ether	C 810 -7010	0.18	4.40	ppb	
75-34-3	1,1-Dichloroethane	C 810 -7010	0.30	2.90	ppb	
590-20-7	2,2-Dichloropropane	C 810 -7010	0.27	0.27	ppb	U
156-59-2	c-1,2-Dichloroethene	C 812 -7051	4.80	1030	ppb	
78-93-3	2-Butanone	C 810 -7010	3.80	3.80	ppb	U
74-97-5	Bromochloromethane	C 810 -7010	0.25	0.25	ppb	U
67-66-3	Chloroform	C 810 -7010	0.26	0.26	ppb	U
71-55-6	1,1,1-Trichloroethane	C 810 -7010	0.26	14.3	ppb	
56-23-5	Carbon Tetrachloride	C 810 -7010	0.22	0.22	ppb	U
563-58-6	1,1-Dichloropropene	C 810 -7010	0.39	0.39	ppb	U
71-43-2	Benzene	C 810 -7010	0.21	0.21	ppb	U
107-06-2	1,2-Dichloroethane	C 810 -7010	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 810 -7010	0.36	2.70	ppb	
78-87-5	1,2-Dichloropropane	C 810 -7010	0.31	0.31	ppb	U
74-95-3	Dibromomethane	C 810 -7010	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	C 810 -7010	0.20	0.20	ppb	U
110-75-8	2-Chloroethylvinylether	C 810 -7010	0.33	0.33	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 810 -7010	0.16	0.16	ppb	U
108-10-1	4-Methyl-2-pentanone	C 810 -7010	0.63	0.63	ppb	U
108-88-3	Toluene	C 810 -7010	0.20	0.20	ppb	U
10061-02-6	t-1,3-Dichloropropene	C 810 -7010	0.16	0.16	ppb	U



# Environmental Testing Laboratories, Inc.

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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-2...continue

Client Sample ID: MW-110

Matrix: Liquid

Type: Grab

Collected: 12/16/2002 09:40

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	C 810 -7010	0.16	0.16	ppb	U
127-18-4	Tetrachloroethene	C 810 -7010	0.11	0.11	ppb	U
142-28-9	1,3-Dichloropropane	C 810 -7010	0.21	0.21	ppb	U
591-78-6	2-Hexanone	C 810 -7010	0.94	0.94	ppb	U
124-48-1	Dibromochloromethane	C 810 -7010	0.13	0.13	ppb	U
106-93-4	1,2-Dibromoethane	C 810 -7010	0.17	0.17	ppb	U
108-90-7	Chlorobenzene	C 810 -7010	0.15	0.15	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 810 -7010	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 810 -7010	0.22	0.22	ppb	U
108-38-3	m,p-xylene	C 810 -7010	0.34	0.34	ppb	U
95-47-6	o-xylene	C 810 -7010	0.25	0.25	ppb	U
100-42-5	Styrene	C 810 -7010	0.20	0.20	ppb	U
75-25-2	Bromoform	C 810 -7010	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 810 -7010	0.15	0.15	ppb	U
108-86-1	Bromobenzene	C 810 -7010	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 810 -7010	0.23	0.23	ppb	U
103-65-1	n-Propylbenzene	C 810 -7010	0.16	0.16	ppb	U
96-18-4	1,2,3-Trichloropropane	C 810 -7010	0.35	0.35	ppb	U
622-96-8	p-Ethyltoluene	C 810 -7010	0.16	0.16	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 810 -7010	0.20	0.20	ppb	U
95-49-8	2-Chlorotoluene	C 810 -7010	0.25	0.25	ppb	U
106-43-4	4-Chlorotoluene	C 810 -7010	0.22	0.22	ppb	U
98-06-6	tert-Butylbenzene	C 810 -7010	0.19	0.19	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 810 -7010	0.17	0.17	ppb	U
135-98-8	sec-Butylbenzene	C 810 -7010	0.22	0.22	ppb	U
99-87-6	4-Isopropyltoluene	C 810 -7010	0.17	0.17	ppb	U
541-73-1	1,3-Dichlorobenzene	C 810 -7010	0.17	0.17	ppb	U
106-46-7	1,4-Dichlorobenzene	C 810 -7010	0.10	0.10	ppb	U
95-50-1	1,2-Dichlorobenzene	C 810 -7010	0.11	0.11	ppb	U
105-05-5	p-Diethylbenzene	C 810 -7010	0.22	0.22	ppb	U
104-51-8	n-Butylbenzene	C 810 -7010	0.17	0.17	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 810 -7010	0.50	0.50	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	C 810 -7010	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 810 -7010	0.13	0.13	ppb	U



# Environmental Testing Laboratories, Inc.

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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-2...continue

Client Sample ID: MW-110

Collected: 12/16/2002 09:40

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 810 -7010	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 810 -7010	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 810 -7010	0.19	0.19	ppb	U

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C810-7010	103.0 %	( 86- 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C810-7010	112.0 %	( 64- 149)	
2037-26-5	TOLUENE-D8	C810-7010	101.0 %	( 88- 114)	
460-00-4	4-BROMOFLUOROBENZENE	C812-7051	102.0 %	( 86- 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C812-7051	105.0 %	( 64- 149)	
2037-26-5	TOLUENE-D8	C812-7051	99.9 %	( 88- 114)	



# Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735  
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12/30/2002

## Volatiles - EPA 8260B

**Sample: P2352-3**

Client Sample ID: MW-111

Matrix: Liquid

Type: Grab

Collected: 12/16/2002 10:25

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 810 -7011	0.38	0.38	ppb	U
75-45-6	Chlorodifluoromethane	C 810 -7011	0.25	0.25	ppb	U
74-87-3	Chloromethane	C 810 -7011	0.32	0.32	ppb	U
75-01-4	Vinyl Chloride	C 810 -7011	0.23	0.23	ppb	U
74-83-9	Bromomethane	C 810 -7011	0.32	0.32	ppb	U
75-00-3	Chloroethane	C 810 -7011	0.24	0.24	ppb	U
75-69-4	Trichlorofluoromethane	C 810 -7011	0.27	0.27	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 810 -7011	0.36	0.36	ppb	U
75-35-4	1,1-Dichloroethene	C 810 -7011	0.27	0.27	ppb	U
67-64-1	Acetone	C 810 -7011	1.13	1.13	ppb	U
75-15-0	Carbon disulfide	C 810 -7011	0.19	0.19	ppb	U
75-09-2	Methylene Chloride	C 810 -7011	0.21	0.21	ppb	U
156-60-5	t-1,2-Dichloroethene	C 810 -7011	0.31	0.31	ppb	U
1634-04-4	Methyl t-butyl ether	C 810 -7011	0.18	120	ppb	
75-34-3	1,1-Dichloroethane	C 810 -7011	0.30	0.30	ppb	U
590-20-7	2,2-Dichloropropane	C 810 -7011	0.27	0.27	ppb	U
156-59-2	c-1,2-Dichloroethene	C 810 -7011	0.24	0.24	ppb	U
78-93-3	2-Butanone	C 810 -7011	3.80	3.80	ppb	U
74-97-5	Bromoform	C 810 -7011	0.25	0.25	ppb	U
67-66-3	Chloroform	C 810 -7011	0.26	0.26	ppb	U
71-55-6	1,1,1-Trichloroethane	C 810 -7011	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 810 -7011	0.22	0.22	ppb	U
563-58-6	1,1-Dichloropropene	C 810 -7011	0.39	0.39	ppb	U
71-43-2	Benzene	C 810 -7011	0.21	0.21	ppb	U
107-06-2	1,2-Dichloroethane	C 810 -7011	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 810 -7011	0.36	0.36	ppb	U
78-87-5	1,2-Dichloropropane	C 810 -7011	0.31	0.31	ppb	U
74-95-3	Dibromomethane	C 810 -7011	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	C 810 -7011	0.20	0.20	ppb	U
110-75-8	2-Chloroethylvinylether	C 810 -7011	0.33	0.33	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 810 -7011	0.16	0.16	ppb	U
108-10-1	4-Methyl-2-pentanone	C 810 -7011	0.63	0.63	ppb	U
108-88-3	Toluene	C 810 -7011	0.20	0.20	ppb	U
10061-02-6	t-1,3-Dichloropropene	C 810 -7011	0.16	0.16	ppb	U



# Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735  
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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-3...continue

Client Sample ID: MW-111

Collected: 12/16/2002 10:25

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	C 810 -7011	0.16	0.16	ppb	U
127-18-4	Tetrachloroethene	C 810 -7011	0.11	0.11	ppb	U
142-28-9	1,3-Dichloropropane	C 810 -7011	0.21	0.21	ppb	U
591-78-6	2-Hexanone	C 810 -7011	0.94	0.94	ppb	U
124-48-1	Dibromochloromethane	C 810 -7011	0.13	0.13	ppb	U
106-93-4	1,2-Dibromoethane	C 810 -7011	0.17	0.17	ppb	U
108-90-7	Chlorobenzene	C 810 -7011	0.15	0.15	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 810 -7011	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 810 -7011	0.22	0.22	ppb	U
108-38-3	m,p-xylene	C 810 -7011	0.34	0.34	ppb	U
95-47-6	o-xylene	C 810 -7011	0.25	0.25	ppb	U
100-42-5	Styrene	C 810 -7011	0.20	0.20	ppb	U
75-25-2	Bromoform	C 810 -7011	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 810 -7011	0.15	0.15	ppb	U
108-86-1	Bromobenzene	C 810 -7011	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 810 -7011	0.23	0.23	ppb	U
103-65-1	n-Propylbenzene	C 810 -7011	0.16	0.16	ppb	U
96-18-4	1,2,3-Trichloropropane	C 810 -7011	0.35	0.35	ppb	U
622-96-8	p-Ethyltoluene	C 810 -7011	0.16	0.16	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 810 -7011	0.20	0.20	ppb	U
95-49-8	2-Chlorotoluene	C 810 -7011	0.25	0.25	ppb	U
106-43-4	4-Chlorotoluene	C 810 -7011	0.22	0.22	ppb	U
98-06-6	tert-Butylbenzene	C 810 -7011	0.19	0.19	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 810 -7011	0.17	0.17	ppb	U
135-98-8	sec-Butylbenzene	C 810 -7011	0.22	0.22	ppb	U
99-87-6	4-Isopropyltoluene	C 810 -7011	0.17	0.17	ppb	U
541-73-1	1,3-Dichlorobenzene	C 810 -7011	0.17	0.17	ppb	U
106-46-7	1,4-Dichlorobenzene	C 810 -7011	0.10	0.10	ppb	U
95-50-1	1,2-Dichlorobenzene	C 810 -7011	0.11	0.11	ppb	U
105-05-5	p-Diethylbenzene	C 810 -7011	0.22	0.22	ppb	U
104-51-8	n-Butylbenzene	C 810 -7011	0.17	0.17	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 810 -7011	0.50	0.50	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	C 810 -7011	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 810 -7011	0.13	0.13	ppb	U



# Environmental Testing Laboratories, Inc.

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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-3...continue

Client Sample ID: MW-111

Collected: 12/16/2002 10:25

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 810 -7011	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 810 -7011	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 810 -7011	0.19	0.19	ppb	U

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C810-7011	102.0 %	( 86 - 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C810-7011	109.0 %	( 64 - 149)	
2037-26-5	TOLUENE-D8	C810-7011	101.0 %	( 88 - 114)	



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-4

Client Sample ID: MW-102

Collected: 12/16/2002 10:47

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 810 -7012	0.38	0.38	ppb	U
75-45-6	Chlorodifluoromethane	C 810 -7012	0.25	0.25	ppb	U
74-87-3	Chloromethane	C 810 -7012	0.32	0.32	ppb	U
75-01-4	Vinyl Chloride	C 810 -7012	0.23	0.23	ppb	U
74-83-9	Bromomethane	C 810 -7012	0.32	0.32	ppb	U
75-00-3	Chloroethane	C 810 -7012	0.24	0.24	ppb	U
75-69-4	Trichlorodifluoromethane	C 810 -7012	0.27	0.27	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 810 -7012	0.36	0.36	ppb	U
75-35-4	1,1-Dichloroethene	C 810 -7012	0.27	0.27	ppb	U
67-64-1	Acetone	C 810 -7012	1.13	1.13	ppb	U
75-15-0	Carbon disulfide	C 810 -7012	0.19	0.19	ppb	U
75-09-2	Methylene Chloride	C 810 -7012	0.21	0.21	ppb	U
156-60-5	t-1,2-Dichloroethene	C 810 -7012	0.31	0.31	ppb	U
1634-04-4	Methyl t-butyl ether	C 810 -7012	0.18	0.18	ppb	U
75-34-3	1,1-Dichloroethane	C 810 -7012	0.30	0.30	ppb	U
590-20-7	2,2-Dichloropropane	C 810 -7012	0.27	0.27	ppb	U
156-59-2	c-1,2-Dichloroethene	C 810 -7012	0.24	0.24	ppb	U
78-93-3	2-Butanone	C 810 -7012	3.80	3.80	ppb	U
74-97-5	Bromochloromethane	C 810 -7012	0.25	0.25	ppb	U
67-66-3	Chloroform	C 810 -7012	0.26	0.26	ppb	U
71-55-6	1,1,1-Trichloroethane	C 810 -7012	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 810 -7012	0.22	0.22	ppb	U
563-58-6	1,1-Dichloropropene	C 810 -7012	0.39	0.39	ppb	U
71-43-2	Benzene	C 810 -7012	0.21	0.21	ppb	U
107-06-2	1,2-Dichloroethane	C 810 -7012	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 810 -7012	0.36	0.91	ppb	
78-87-5	1,2-Dichloropropane	C 810 -7012	0.31	0.31	ppb	U
74-95-3	Dibromomethane	C 810 -7012	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	C 810 -7012	0.20	0.20	ppb	U
110-75-8	2-Chloroethylvinylether	C 810 -7012	0.33	0.33	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 810 -7012	0.16	0.16	ppb	U
108-10-1	4-Methyl-2-pentanone	C 810 -7012	0.63	0.63	ppb	U
108-88-3	Toluene	C 810 -7012	0.20	0.20	ppb	U
10061-02-6	t-1,3-Dichloropropene	C 810 -7012	0.16	0.16	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-4...continue

Client Sample ID: MW-102

Collected: 12/16/2002 10:47

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	C 810 -7012	0.16	0.16	ppb	U
127-18-4	Tetrachloroethene	C 810 -7012	0.11	6.00	ppb	
142-28-9	1,3-Dichloropropane	C 810 -7012	0.21	0.21	ppb	U
591-78-6	2-Hexanone	C 810 -7012	0.94	0.94	ppb	U
124-48-1	Dibromochloromethane	C 810 -7012	0.13	0.13	ppb	U
106-93-4	1,2-Dibromoethane	C 810 -7012	0.17	0.17	ppb	U
108-90-7	Chlorobenzene	C 810 -7012	0.15	0.15	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 810 -7012	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 810 -7012	0.22	0.22	ppb	U
108-38-3	m,p-xylene	C 810 -7012	0.34	0.34	ppb	U
95-47-6	o-xylene	C 810 -7012	0.25	0.25	ppb	U
100-42-5	Styrene	C 810 -7012	0.20	0.20	ppb	U
75-25-2	Bromoform	C 810 -7012	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 810 -7012	0.15	0.15	ppb	U
108-86-1	Bromobenzene	C 810 -7012	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 810 -7012	0.23	0.23	ppb	U
103-65-1	n-Propylbenzene	C 810 -7012	0.16	0.16	ppb	U
96-18-4	1,2,3-Trichloropropane	C 810 -7012	0.35	0.35	ppb	U
622-96-8	p-Ethyltoluene	C 810 -7012	0.16	0.16	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 810 -7012	0.20	0.20	ppb	U
95-49-8	2-Chlorotoluene	C 810 -7012	0.25	0.25	ppb	U
106-43-4	4-Chlorotoluene	C 810 -7012	0.22	0.22	ppb	U
98-06-6	tert-Butylbenzene	C 810 -7012	0.19	0.19	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 810 -7012	0.17	0.17	ppb	U
135-98-8	sec-Butylbenzene	C 810 -7012	0.22	0.22	ppb	U
99-87-6	4-Isopropyltoluene	C 810 -7012	0.17	0.17	ppb	U
541-73-1	1,3-Dichlorobenzene	C 810 -7012	0.17	0.17	ppb	U
106-46-7	1,4-Dichlorobenzene	C 810 -7012	0.10	0.10	ppb	U
95-50-1	1,2-Dichlorobenzene	C 810 -7012	0.11	0.11	ppb	U
105-05-5	p-Diethylbenzene	C 810 -7012	0.22	0.22	ppb	U
104-51-8	n-Butylbenzene	C 810 -7012	0.17	0.17	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 810 -7012	0.50	0.50	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	C 810 -7012	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 810 -7012	0.13	0.13	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-4...continue

Client Sample ID: MW-102

Collected: 12/16/2002 10:47

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 810 -7012	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 810 -7012	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 810 -7012	0.19	0.19	ppb	U

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C810-7012	101.0 %	( 86- 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C810-7012	107.0 %	( 64- 149)	
2037-26-5	TOLUENE-D8	C810-7012	100.0 %	( 88- 114)	



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-5

Client Sample ID: MW-101

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

Collected: 12/16/2002 11:06

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 810 -7013	0.38	0.38	ppb	U
75-45-6	Chlorodifluoromethane	C 810 -7013	0.25	0.25	ppb	U
74-87-3	Chloromethane	C 810 -7013	0.32	0.32	ppb	U
75-01-4	Vinyl Chloride	C 810 -7013	0.23	0.23	ppb	U
74-83-9	Bromomethane	C 810 -7013	0.32	0.32	ppb	U
75-00-3	Chloroethane	C 810 -7013	0.24	0.24	ppb	U
75-69-4	Trichlorodifluoromethane	C 810 -7013	0.27	0.27	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 810 -7013	0.36	0.36	ppb	U
75-35-4	1,1-Dichloroethene	C 810 -7013	0.27	0.27	ppb	U
67-64-1	Acetone	C 810 -7013	1.13	1.13	ppb	U
75-15-0	Carbon disulfide	C 810 -7013	0.19	0.19	ppb	U
75-09-2	Methylene Chloride	C 810 -7013	0.21	0.21	ppb	U
156-60-5	t-1,2-Dichloroethene	C 810 -7013	0.31	0.31	ppb	U
1634-04-4	Methyl t-butyl ether	C 810 -7013	0.18	0.18	ppb	U
75-34-3	1,1-Dichloroethane	C 810 -7013	0.30	0.30	ppb	U
590-20-7	2,2-Dichloropropane	C 810 -7013	0.27	0.27	ppb	U
156-59-2	c-1,2-Dichloroethene	C 810 -7013	0.24	0.24	ppb	U
78-93-3	2-Butanone	C 810 -7013	3.80	3.80	ppb	U
74-97-5	Bromochloromethane	C 810 -7013	0.25	0.25	ppb	U
67-66-3	Chloroform	C 810 -7013	0.26	0.26	ppb	U
71-55-6	1,1,1-Trichloroethane	C 810 -7013	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 810 -7013	0.22	0.22	ppb	U
563-58-6	1,1-Dichloropropene	C 810 -7013	0.39	0.39	ppb	U
71-43-2	Benzene	C 810 -7013	0.21	0.21	ppb	U
107-06-2	1,2-Dichloroethane	C 810 -7013	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 810 -7013	0.36	0.36	ppb	U
78-87-5	1,2-Dichloropropane	C 810 -7013	0.31	0.31	ppb	U
74-95-3	Dibromomethane	C 810 -7013	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	C 810 -7013	0.20	0.20	ppb	U
110-75-8	2-Chloroethylvinylether	C 810 -7013	0.33	0.33	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 810 -7013	0.16	0.16	ppb	U
108-10-1	4-Methyl-2-pentanone	C 810 -7013	0.63	0.63	ppb	U
108-88-3	Toluene	C 810 -7013	0.20	0.20	ppb	U
10061-02-6	t-1,3-Dichloropropene	C 810 -7013	0.16	0.16	ppb	U



# Environmental Testing Laboratories, Inc.

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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-5...continue

Client Sample ID: MW-101

Collected: 12/16/2002 11:06

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	C 810 -7013	0.16	0.16	ppb	U
127-18-4	Tetrachloroethene	C 810 -7013	0.11	0.11	ppb	U
142-28-9	1,3-Dichloropropane	C 810 -7013	0.21	0.21	ppb	U
591-78-6	2-Hexanone	C 810 -7013	0.94	0.94	ppb	U
124-48-1	Dibromochloromethane	C 810 -7013	0.13	0.13	ppb	U
106-93-4	1,2-Dibromoethane	C 810 -7013	0.17	0.17	ppb	U
108-90-7	Chlorobenzene	C 810 -7013	0.15	0.15	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 810 -7013	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 810 -7013	0.22	0.22	ppb	U
108-38-3	m,p-xylene	C 810 -7013	0.34	0.34	ppb	U
95-47-6	o-xylene	C 810 -7013	0.25	0.25	ppb	U
100-42-5	Styrene	C 810 -7013	0.20	0.20	ppb	U
75-25-2	Bromoform	C 810 -7013	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 810 -7013	0.15	0.15	ppb	U
108-86-1	Bromobenzene	C 810 -7013	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 810 -7013	0.23	0.23	ppb	U
103-65-1	n-Propylbenzene	C 810 -7013	0.16	0.16	ppb	U
96-18-4	1,2,3-Trichloropropane	C 810 -7013	0.35	0.35	ppb	U
622-96-8	p-Ethyltoluene	C 810 -7013	0.16	0.16	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 810 -7013	0.20	0.20	ppb	U
95-49-8	2-Chlorotoluene	C 810 -7013	0.25	0.25	ppb	U
106-43-4	4-Chlorotoluene	C 810 -7013	0.22	0.22	ppb	U
98-06-6	tert-Butylbenzene	C 810 -7013	0.19	0.19	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 810 -7013	0.17	0.17	ppb	U
135-98-8	sec-Butylbenzene	C 810 -7013	0.22	0.22	ppb	U
99-87-6	4-Isopropyltoluene	C 810 -7013	0.17	0.17	ppb	U
541-73-1	1,3-Dichlorobenzene	C 810 -7013	0.17	0.17	ppb	U
106-46-7	1,4-Dichlorobenzene	C 810 -7013	0.10	0.10	ppb	U
95-50-1	1,2-Dichlorobenzene	C 810 -7013	0.11	0.11	ppb	U
105-05-5	p-Diethylbenzene	C 810 -7013	0.22	0.22	ppb	U
104-51-8	n-Butylbenzene	C 810 -7013	0.17	0.17	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 810 -7013	0.50	0.50	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	C 810 -7013	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 810 -7013	0.13	0.13	ppb	U



# Environmental Testing Laboratories, Inc.

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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-5...continue

Client Sample ID: MW-101

Collected: 12/16/2002 11:06

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 810 -7013	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 810 -7013	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 810 -7013	0.19	0.19	ppb	U

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C810-7013	102.0 %	( 86- 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C810-7013	107.0 %	( 64- 149)	
2037-26-5	TOLUENE-D8	C810-7013	101.0 %	( 88- 114)	



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-6

Client Sample ID: MW-103

Collected: 12/16/2002 11:26

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 810 -7014	0.38	0.38	ppb	U
75-45-6	Chlorodifluoromethane	C 810 -7014	0.25	0.25	ppb	U
74-87-3	Chloromethane	C 810 -7014	0.32	0.32	ppb	U
75-01-4	Vinyl Chloride	C 810 -7014	0.23	0.23	ppb	U
74-83-9	Bromomethane	C 810 -7014	0.32	0.32	ppb	U
75-00-3	Chloroethane	C 810 -7014	0.24	0.24	ppb	U
75-69-4	Trichlorofluoromethane	C 810 -7014	0.27	0.27	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 810 -7014	0.36	0.36	ppb	U
75-35-4	1,1-Dichloroethene	C 810 -7014	0.27	0.27	ppb	U
67-64-1	Acetone	C 810 -7014	1.13	1.13	ppb	U
75-15-0	Carbon disulfide	C 810 -7014	0.19	0.19	ppb	U
75-09-2	Methylene Chloride	C 810 -7014	0.21	0.21	ppb	U
156-60-5	t-1,2-Dichloroethene	C 810 -7014	0.31	0.31	ppb	U
1634-04-4	Methyl t-butyl ether	C 810 -7014	0.18	0.18	ppb	U
75-34-3	1,1-Dichloroethane	C 810 -7014	0.30	0.30	ppb	U
590-20-7	2,2-Dichloropropane	C 810 -7014	0.27	0.27	ppb	U
156-59-2	c-1,2-Dichloroethene	C 810 -7014	0.24	0.24	ppb	U
78-93-3	2-Butanone	C 810 -7014	3.80	3.80	ppb	U
74-97-5	Bromochloromethane	C 810 -7014	0.25	0.25	ppb	U
67-66-3	Chloroform	C 810 -7014	0.26	0.26	ppb	U
71-55-6	1,1,1-Trichloroethane	C 810 -7014	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 810 -7014	0.22	0.22	ppb	U
563-58-6	1,1-Dichloropropene	C 810 -7014	0.39	0.39	ppb	U
71-43-2	Benzene	C 810 -7014	0.21	0.21	ppb	U
107-06-2	1,2-Dichloroethane	C 810 -7014	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 810 -7014	0.36	0.36	ppb	U
78-87-5	1,2-Dichloropropane	C 810 -7014	0.31	0.31	ppb	U
74-95-3	Dibromomethane	C 810 -7014	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	C 810 -7014	0.20	0.20	ppb	U
110-75-8	2-Chloroethylvinylether	C 810 -7014	0.33	0.33	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 810 -7014	0.16	0.16	ppb	U
108-10-1	4-Methyl-2-pentanone	C 810 -7014	0.63	0.63	ppb	U
108-88-3	Toluene	C 810 -7014	0.20	0.20	ppb	U
10061-02-6	t-1,3-Dichloropropene	C 810 -7014	0.16	0.16	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-6...continue

Client Sample ID: MW-103

Collected: 12/16/2002 11:26

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	C 810 -7014	0.16	0.16	ppb	U
127-18-4	Tetrachloroethene	C 810 -7014	0.11	1.50	ppb	
142-28-9	1,3-Dichloropropane	C 810 -7014	0.21	0.21	ppb	U
591-78-6	2-Hexanone	C 810 -7014	0.94	0.94	ppb	U
124-48-1	Dibromochloromethane	C 810 -7014	0.13	0.13	ppb	U
106-93-4	1,2-Dibromoethane	C 810 -7014	0.17	0.17	ppb	U
108-90-7	Chlorobenzene	C 810 -7014	0.15	0.15	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 810 -7014	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 810 -7014	0.22	0.22	ppb	U
108-38-3	m,p-xylene	C 810 -7014	0.34	0.34	ppb	U
95-47-6	o-xylene	C 810 -7014	0.25	0.25	ppb	U
100-42-5	Styrene	C 810 -7014	0.20	0.20	ppb	U
75-25-2	Bromoform	C 810 -7014	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 810 -7014	0.15	0.15	ppb	U
108-86-1	Bromobenzene	C 810 -7014	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 810 -7014	0.23	0.23	ppb	U
103-65-1	n-Propylbenzene	C 810 -7014	0.16	3.20	ppb	
96-18-4	1,2,3-Trichloropropane	C 810 -7014	0.35	0.35	ppb	U
622-96-8	p-Ethyltoluene	C 810 -7014	0.16	3.20	ppb	
108-67-8	1,3,5-Trimethylbenzene	C 810 -7014	0.20	1.90	ppb	
95-49-8	2-Chlorotoluene	C 810 -7014	0.25	0.25	ppb	U
106-43-4	4-Chlorotoluene	C 810 -7014	0.22	0.22	ppb	U
98-06-6	tert-Butylbenzene	C 810 -7014	0.19	0.19	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 810 -7014	0.17	14.6	ppb	
135-98-8	sec-Butylbenzene	C 810 -7014	0.22	0.22	ppb	U
99-87-6	4-Isopropyltoluene	C 810 -7014	0.17	0.17	ppb	U
541-73-1	1,3-Dichlorobenzene	C 810 -7014	0.17	0.17	ppb	U
106-46-7	1,4-Dichlorobenzene	C 810 -7014	0.10	0.10	ppb	U
95-50-1	1,2-Dichlorobenzene	C 810 -7014	0.11	0.11	ppb	U
105-05-5	p-Diethylbenzene	C 810 -7014	0.22	0.22	ppb	U
104-51-8	n-Butylbenzene	C 810 -7014	0.17	0.17	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 810 -7014	0.50	1.90	ppb	
96-12-8	1,2-Dibromo-3-chloropropane	C 810 -7014	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 810 -7014	0.13	0.13	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-6...continue

Client Sample ID: MW-103

Collected: 12/16/2002 11:26

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 810 -7014	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 810 -7014	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 810 -7014	0.19	0.19	ppb	U

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C810-7014	102.0 %	( 86- 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C810-7014	106.0 %	( 64- 149)	
2037-26-5	TOLUENE-D8	C810-7014	101.0 %	( 88- 114)	



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-7

Client Sample ID: MW-104

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

Collected: 12/16/2002 11:45

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 811 -7023	0.38	0.38	ppb	U
75-45-6	Chlorodifluoromethane	C 811 -7023	0.25	0.25	ppb	U
74-87-3	Chloromethane	C 811 -7023	0.32	0.32	ppb	U
75-01-4	Vinyl Chloride	C 811 -7023	0.23	0.23	ppb	U
74-83-9	Bromomethane	C 811 -7023	0.32	0.32	ppb	U
75-00-3	Chloroethane	C 811 -7023	0.24	0.24	ppb	U
75-69-4	Trichlorodifluoromethane	C 811 -7023	0.27	0.27	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 811 -7023	0.36	0.36	ppb	U
75-35-4	1,1-Dichloroethene	C 811 -7023	0.27	0.27	ppb	U
67-64-1	Acetone	C 811 -7023	1.13	1.13	ppb	U
75-15-0	Carbon disulfide	C 811 -7023	0.19	0.19	ppb	U
75-09-2	Methylene Chloride	C 811 -7023	0.21	0.21	ppb	U
156-60-5	t-1,2-Dichloroethene	C 811 -7023	0.31	0.31	ppb	U
1634-04-4	Methyl t-butyl ether	C 811 -7023	0.18	0.18	ppb	U
75-34-3	1,1-Dichloroethane	C 811 -7023	0.30	0.30	ppb	U
590-20-7	2,2-Dichloropropane	C 811 -7023	0.27	0.27	ppb	U
156-59-2	c-1,2-Dichloroethene	C 811 -7023	0.24	1.30	ppb	
78-93-3	2-Butanone	C 811 -7023	3.80	3.80	ppb	U
74-97-5	Bromochloromethane	C 811 -7023	0.25	0.25	ppb	U
67-66-3	Chloroform	C 811 -7023	0.26	0.26	ppb	U
71-55-6	1,1,1-Trichloroethane	C 811 -7023	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 811 -7023	0.22	0.22	ppb	U
563-58-6	1,1-Dichloropropene	C 811 -7023	0.39	0.39	ppb	U
71-43-2	Benzene	C 811 -7023	0.21	0.21	ppb	U
107-06-2	1,2-Dichloroethane	C 811 -7023	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 811 -7023	0.36	11.0	ppb	
78-87-5	1,2-Dichloropropane	C 811 -7023	0.31	0.31	ppb	U
74-95-3	Dibromomethane	C 811 -7023	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	C 811 -7023	0.20	0.20	ppb	U
110-75-8	2-Chloroethylvinylether	C 811 -7023	0.33	0.33	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 811 -7023	0.16	0.16	ppb	U
108-10-1	4-Methyl-2-pentanone	C 811 -7023	0.63	0.63	ppb	U
108-88-3	Toluene	C 811 -7023	0.20	0.20	ppb	U
10061-02-6	t-1,3-Dichloropropene	C 811 -7023	0.16	0.16	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-7...continue

Client Sample ID: MW-104

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

Collected: 12/16/2002 11:45

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	C 811 -7023	0.16	0.16	ppb	U
127-18-4	Tetrachloroethene	C 812 -7052	0.55	340	ppb	
142-28-9	1,3-Dichloropropane	C 811 -7023	0.21	0.21	ppb	U
591-78-6	2-Hexanone	C 811 -7023	0.94	0.94	ppb	U
124-48-1	Dibromochloromethane	C 811 -7023	0.13	0.13	ppb	U
106-93-4	1,2-Dibromoethane	C 811 -7023	0.17	0.17	ppb	U
108-90-7	Chlorobenzene	C 811 -7023	0.15	0.15	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 811 -7023	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 811 -7023	0.22	0.22	ppb	U
108-38-3	m,p-xylene	C 811 -7023	0.34	0.34	ppb	U
95-47-6	o-xylene	C 811 -7023	0.25	0.25	ppb	U
100-42-5	Styrene	C 811 -7023	0.20	0.20	ppb	U
75-25-2	Bromoform	C 811 -7023	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 811 -7023	0.15	0.15	ppb	U
108-86-1	Bromobenzene	C 811 -7023	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 811 -7023	0.23	0.23	ppb	U
103-65-1	n-Propylbenzene	C 811 -7023	0.16	0.16	ppb	U
96-18-4	1,2,3-Trichloropropane	C 811 -7023	0.35	0.35	ppb	U
622-96-8	p-Ethyltoluene	C 811 -7023	0.16	0.16	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 811 -7023	0.20	0.20	ppb	U
95-49-8	2-Chlorotoluene	C 811 -7023	0.25	0.25	ppb	U
106-43-4	4-Chlorotoluene	C 811 -7023	0.22	0.22	ppb	U
98-06-6	tert-Butylbenzene	C 811 -7023	0.19	0.19	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 811 -7023	0.17	0.17	ppb	U
135-98-8	sec-Butylbenzene	C 811 -7023	0.22	0.22	ppb	U
99-87-6	4-Isopropyltoluene	C 811 -7023	0.17	0.17	ppb	U
541-73-1	1,3-Dichlorobenzene	C 811 -7023	0.17	0.17	ppb	U
106-46-7	1,4-Dichlorobenzene	C 811 -7023	0.10	0.10	ppb	U
95-50-1	1,2-Dichlorobenzene	C 811 -7023	0.11	0.11	ppb	U
105-05-5	p-Diethylbenzene	C 811 -7023	0.22	0.22	ppb	U
104-51-8	n-Butylbenzene	C 811 -7023	0.17	0.17	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 811 -7023	0.50	0.50	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	C 811 -7023	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 811 -7023	0.13	0.13	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-7...continue

Client Sample ID: MW-104

Collected: 12/16/2002 11:45

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 811 -7023	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 811 -7023	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 811 -7023	0.19	0.19	ppb	U

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C811-7023	103.0 %	( 86- 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C811-7023	101.0 %	( 64- 149)	
2037-26-5	TOLUENE-D8	C811-7023	100.0 %	( 88- 114)	
460-00-4	4-BROMOFLUOROBENZENE	C812-7052	102.0 %	( 86- 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C812-7052	106.0 %	( 64- 149)	
2037-26-5	TOLUENE-D8	C812-7052	101.0 %	( 88- 114)	



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-8

Client Sample ID: MW-108

Collected: 12/16/2002 12:41

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 811 -7024	0.38	0.38	ppb	U
75-45-6	Chlorodifluoromethane	C 811 -7024	0.25	0.25	ppb	U
74-87-3	Chloromethane	C 811 -7024	0.32	0.32	ppb	U
75-01-4	Vinyl Chloride	C 811 -7024	0.23	0.23	ppb	U
74-83-9	Bromomethane	C 811 -7024	0.32	0.32	ppb	U
75-00-3	Chloroethane	C 811 -7024	0.24	0.24	ppb	U
75-69-4	Trichlorofluoromethane	C 811 -7024	0.27	0.27	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 811 -7024	0.36	0.36	ppb	U
75-35-4	1,1-Dichloroethene	C 811 -7024	0.27	0.27	ppb	U
67-64-1	Acetone	C 811 -7024	1.13	1.13	ppb	U
75-15-0	Carbon disulfide	C 811 -7024	0.19	0.19	ppb	U
75-09-2	Methylene Chloride	C 811 -7024	0.21	0.21	ppb	U
156-60-5	t-1,2-Dichloroethene	C 811 -7024	0.31	0.31	ppb	U
1634-04-4	Methyl t-butyl ether	C 811 -7024	0.18	0.18	ppb	U
75-34-3	1,1-Dichloroethane	C 811 -7024	0.30	0.30	ppb	U
590-20-7	2,2-Dichloropropane	C 811 -7024	0.27	0.27	ppb	U
156-59-2	c-1,2-Dichloroethene	C 811 -7024	0.24	0.24	ppb	U
78-93-3	2-Butanone	C 811 -7024	3.80	3.80	ppb	U
74-97-5	Bromochloromethane	C 811 -7024	0.25	0.25	ppb	U
67-66-3	Chloroform	C 811 -7024	0.26	0.26	ppb	U
71-55-6	1,1,1-Trichloroethane	C 811 -7024	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 811 -7024	0.22	0.22	ppb	U
563-58-6	1,1-Dichloropropene	C 811 -7024	0.39	0.39	ppb	U
71-43-2	Benzene	C 811 -7024	0.21	0.21	ppb	U
107-06-2	1,2-Dichloroethane	C 811 -7024	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 811 -7024	0.36	0.36	ppb	U
78-87-5	1,2-Dichloropropane	C 811 -7024	0.31	0.31	ppb	U
74-95-3	Dibromomethane	C 811 -7024	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	C 811 -7024	0.20	0.20	ppb	U
110-75-8	2-Chloroethylvinylether	C 811 -7024	0.33	0.33	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 811 -7024	0.16	0.16	ppb	U
108-10-1	4-Methyl-2-pentanone	C 811 -7024	0.63	0.63	ppb	U
108-88-3	Toluene	C 811 -7024	0.20	0.20	ppb	U
10061-02-6	t-1,3-Dichloropropene	C 811 -7024	0.16	0.16	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-8...continue

Client Sample ID: MW-108

Collected: 12/16/2002 12:41

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	C 811 -7024	0.16	0.16	ppb	U
127-18-4	Tetrachloroethene	C 811 -7024	0.11	2.90	ppb	
142-28-9	1,3-Dichloropropane	C 811 -7024	0.21	0.21	ppb	U
591-78-6	2-Hexanone	C 811 -7024	0.94	0.94	ppb	U
124-48-1	Dibromochloromethane	C 811 -7024	0.13	0.13	ppb	U
106-93-4	1,2-Dibromoethane	C 811 -7024	0.17	0.17	ppb	U
108-90-7	Chlorobenzene	C 811 -7024	0.15	0.15	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 811 -7024	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 811 -7024	0.22	0.22	ppb	U
108-38-3	m,p-xylene	C 811 -7024	0.34	0.34	ppb	U
95-47-6	o-xylene	C 811 -7024	0.25	0.25	ppb	U
100-42-5	Styrene	C 811 -7024	0.20	0.20	ppb	U
75-25-2	Bromoform	C 811 -7024	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 811 -7024	0.15	0.15	ppb	U
108-86-1	Bromobenzene	C 811 -7024	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 811 -7024	0.23	0.23	ppb	U
103-65-1	n-Propylbenzene	C 811 -7024	0.16	0.16	ppb	U
96-18-4	1,2,3-Trichloropropane	C 811 -7024	0.35	0.35	ppb	U
622-96-8	p-Ethyltoluene	C 811 -7024	0.16	0.16	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 811 -7024	0.20	0.20	ppb	U
95-49-8	2-Chlorotoluene	C 811 -7024	0.25	0.25	ppb	U
106-43-4	4-Chlorotoluene	C 811 -7024	0.22	0.22	ppb	U
98-06-6	tert-Butylbenzene	C 811 -7024	0.19	0.19	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 811 -7024	0.17	0.17	ppb	U
135-98-8	sec-Butylbenzene	C 811 -7024	0.22	0.22	ppb	U
99-87-6	4-Isopropyltoluene	C 811 -7024	0.17	0.17	ppb	U
541-73-1	1,3-Dichlorobenzene	C 811 -7024	0.17	0.17	ppb	U
106-46-7	1,4-Dichlorobenzene	C 811 -7024	0.10	0.10	ppb	U
95-50-1	1,2-Dichlorobenzene	C 811 -7024	0.11	0.11	ppb	U
105-05-5	p-Diethylbenzene	C 811 -7024	0.22	0.22	ppb	U
104-51-8	n-Butylbenzene	C 811 -7024	0.17	0.17	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 811 -7024	0.50	0.50	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	C 811 -7024	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 811 -7024	0.13	0.13	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-8...continue

Client Sample ID: MW-108

Collected: 12/16/2002 12:41

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 811 -7024	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 811 -7024	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 811 -7024	0.19	0.19	ppb	U

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C811-7024	103.0 %	( 86 - 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C811-7024	96.0 %	( 64 - 149)	
2037-26-5	TOLUENE-D8	C811-7024	101.0 %	( 88 - 114)	



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12/30/2002

## Volatiles - EPA 8260B

Sample: P2352-9

Client Sample ID: MW-105

Collected: 12/16/2002 13:00

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 811 -7025	0.38	0.38	ppb	U
75-45-6	Chlorodifluoromethane	C 811 -7025	0.25	0.25	ppb	U
74-87-3	Chloromethane	C 811 -7025	0.32	0.32	ppb	U
75-01-4	Vinyl Chloride	C 811 -7025	0.23	0.23	ppb	U
74-83-9	Bromomethane	C 811 -7025	0.32	0.32	ppb	U
75-00-3	Chloroethane	C 811 -7025	0.24	0.24	ppb	U
75-69-4	Trichlorofluoromethane	C 811 -7025	0.27	0.27	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 811 -7025	0.36	0.36	ppb	U
75-35-4	1,1-Dichloroethene	C 811 -7025	0.27	0.27	ppb	U
67-64-1	Acetone	C 811 -7025	1.13	1.13	ppb	U
75-15-0	Carbon disulfide	C 811 -7025	0.19	0.19	ppb	U
75-09-2	Methylene Chloride	C 811 -7025	0.21	0.21	ppb	U
156-60-5	t-1,2-Dichloroethene	C 811 -7025	0.31	0.31	ppb	U
1634-04-4	Methyl t-butyl ether	C 811 -7025	0.18	0.18	ppb	U
75-34-3	1,1-Dichloroethane	C 811 -7025	0.30	0.30	ppb	U
590-20-7	2,2-Dichloropropane	C 811 -7025	0.27	0.27	ppb	U
156-59-2	c-1,2-Dichloroethene	C 811 -7025	0.24	0.24	ppb	U
78-93-3	2-Butanone	C 811 -7025	3.80	3.80	ppb	U
74-97-5	Bromochloromethane	C 811 -7025	0.25	0.25	ppb	U
67-66-3	Chloroform	C 811 -7025	0.26	0.26	ppb	U
71-55-6	1,1,1-Trichloroethane	C 811 -7025	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 811 -7025	0.22	0.22	ppb	U
563-58-6	1,1-Dichloropropene	C 811 -7025	0.39	0.39	ppb	U
71-43-2	Benzene	C 811 -7025	0.21	0.21	ppb	U
107-06-2	1,2-Dichloroethane	C 811 -7025	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 811 -7025	0.36	0.36	ppb	U
78-87-5	1,2-Dichloropropane	C 811 -7025	0.31	0.31	ppb	U
74-95-3	Dibromomethane	C 811 -7025	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	C 811 -7025	0.20	0.20	ppb	U
110-75-8	2-Chloroethylvinylether	C 811 -7025	0.33	0.33	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 811 -7025	0.16	0.16	ppb	U
108-10-1	4-Methyl-2-pentanone	C 811 -7025	0.63	0.63	ppb	U
108-88-3	Toluene	C 811 -7025	0.20	0.20	ppb	U
10061-02-6	t-1,3-Dichloropropene	C 811 -7025	0.16	0.16	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-9...continue

Client Sample ID: MW-105

Collected: 12/16/2002 13:00

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	C 811 -7025	0.16	0.16	ppb	U
127-18-4	Tetrachloroethene	C 811 -7025	0.11	6.50	ppb	
142-28-9	1,3-Dichloropropane	C 811 -7025	0.21	0.21	ppb	U
591-78-6	2-Hexanone	C 811 -7025	0.94	0.94	ppb	U
124-48-1	Dibromochloromethane	C 811 -7025	0.13	0.13	ppb	U
106-93-4	1,2-Dibromoethane	C 811 -7025	0.17	0.17	ppb	U
108-90-7	Chlorobenzene	C 811 -7025	0.15	0.15	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 811 -7025	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 811 -7025	0.22	0.22	ppb	U
108-38-3	m,p-xylene	C 811 -7025	0.34	0.34	ppb	U
95-47-6	o-xylene	C 811 -7025	0.25	0.25	ppb	U
100-42-5	Styrene	C 811 -7025	0.20	0.20	ppb	U
75-25-2	Bromoform	C 811 -7025	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 811 -7025	0.15	0.15	ppb	U
108-86-1	Bromobenzene	C 811 -7025	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 811 -7025	0.23	0.23	ppb	U
103-65-1	n-Propylbenzene	C 811 -7025	0.16	0.16	ppb	U
96-18-4	1,2,3-Trichloropropane	C 811 -7025	0.35	0.35	ppb	U
622-96-8	p-Ethyltoluene	C 811 -7025	0.16	0.16	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 811 -7025	0.20	0.20	ppb	U
95-49-8	2-Chlorotoluene	C 811 -7025	0.25	0.25	ppb	U
106-43-4	4-Chlorotoluene	C 811 -7025	0.22	0.22	ppb	U
98-06-6	tert-Butylbenzene	C 811 -7025	0.19	0.19	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 811 -7025	0.17	0.17	ppb	U
135-98-8	sec-Butylbenzene	C 811 -7025	0.22	0.22	ppb	U
99-87-6	4-Isopropyltoluene	C 811 -7025	0.17	0.17	ppb	U
541-73-1	1,3-Dichlorobenzene	C 811 -7025	0.17	0.17	ppb	U
106-46-7	1,4-Dichlorobenzene	C 811 -7025	0.10	0.10	ppb	U
95-50-1	1,2-Dichlorobenzene	C 811 -7025	0.11	0.11	ppb	U
105-05-5	p-Diethylbenzene	C 811 -7025	0.22	0.22	ppb	U
104-51-8	n-Butylbenzene	C 811 -7025	0.17	0.17	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 811 -7025	0.50	0.50	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	C 811 -7025	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 811 -7025	0.13	0.13	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-9...continue

Client Sample ID: MW-105

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

Collected: 12/16/2002 13:00

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 811 -7025	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 811 -7025	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 811 -7025	0.19	0.19	ppb	U

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C811-7025	104.0 %	( 86 - 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C811-7025	102.0 %	( 64 - 149)	
2037-26-5	TOLUENE-D8	C811-7025	101.0 %	( 88 - 114)	



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-10

Client Sample ID: MW-107

Collected: 12/16/2002 13:20

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 811 -7026	0.38	0.38	ppb	U
75-45-6	Chlorodifluoromethane	C 811 -7026	0.25	0.25	ppb	U
74-87-3	Chloromethane	C 811 -7026	0.32	0.32	ppb	U
75-01-4	Vinyl Chloride	C 811 -7026	0.23	5.00	ppb	
74-83-9	Bromomethane	C 811 -7026	0.32	0.32	ppb	U
75-00-3	Chloroethane	C 811 -7026	0.24	0.24	ppb	U
75-69-4	Trichlorodifluoromethane	C 811 -7026	0.27	0.27	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 811 -7026	0.36	0.36	ppb	U
75-35-4	1,1-Dichloroethene	C 811 -7026	0.27	0.27	ppb	U
67-64-1	Acetone	C 811 -7026	1.13	1.13	ppb	U
75-15-0	Carbon disulfide	C 811 -7026	0.19	0.19	ppb	U
75-09-2	Methylene Chloride	C 811 -7026	0.21	0.21	ppb	U
156-60-5	t-1,2-Dichloroethene	C 811 -7026	0.31	0.31	ppb	U
1634-04-4	Methyl t-butyl ether	C 811 -7026	0.18	0.18	ppb	U
75-34-3	1,1-Dichloroethane	C 811 -7026	0.30	0.30	ppb	U
590-20-7	2,2-Dichloropropane	C 811 -7026	0.27	0.27	ppb	U
156-59-2	c-1,2-Dichloroethene	C 811 -7026	0.24	64.0	ppb	
78-93-3	2-Butanone	C 811 -7026	3.80	3.80	ppb	U
74-97-5	Bromochloromethane	C 811 -7026	0.25	0.25	ppb	U
67-66-3	Chloroform	C 811 -7026	0.26	0.26	ppb	U
71-55-6	1,1,1-Trichloroethane	C 811 -7026	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 811 -7026	0.22	0.22	ppb	U
563-58-6	1,1-Dichloropropene	C 811 -7026	0.39	0.39	ppb	U
71-43-2	Benzene	C 811 -7026	0.21	0.21	ppb	U
107-06-2	1,2-Dichloroethane	C 811 -7026	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 811 -7026	0.36	13.6	ppb	
78-87-5	1,2-Dichloropropane	C 811 -7026	0.31	0.31	ppb	U
74-95-3	Dibromomethane	C 811 -7026	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	C 811 -7026	0.20	0.20	ppb	U
110-75-8	2-Chloroethylvinylether	C 811 -7026	0.33	0.33	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 811 -7026	0.16	0.16	ppb	U
108-10-1	4-Methyl-2-pentanone	C 811 -7026	0.63	0.63	ppb	U
108-88-3	Toluene	C 811 -7026	0.20	0.20	ppb	U
10061-02-6	t-1,3-Dichloropropene	C 811 -7026	0.16	0.16	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-10...continue

Client Sample ID: MW-107

Collected: 12/16/2002 13:20

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	C 811 -7026	0.16	0.16	ppb	U
127-18-4	Tetrachloroethene	C 811 -7026	0.11	<b>7.60</b>	ppb	
142-28-9	1,3-Dichloropropane	C 811 -7026	0.21	0.21	ppb	U
591-78-6	2-Hexanone	C 811 -7026	0.94	0.94	ppb	U
124-48-1	Dibromochloromethane	C 811 -7026	0.13	0.13	ppb	U
106-93-4	1,2-Dibromoethane	C 811 -7026	0.17	0.17	ppb	U
108-90-7	Chlorobenzene	C 811 -7026	0.15	0.15	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 811 -7026	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 811 -7026	0.22	0.22	ppb	U
108-38-3	m,p-xylene	C 811 -7026	0.34	<b>2.50</b>	ppb	
95-47-6	o-xylene	C 811 -7026	0.25	<b>2.10</b>	ppb	
100-42-5	Styrene	C 811 -7026	0.20	0.20	ppb	U
75-25-2	Bromoform	C 811 -7026	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 811 -7026	0.15	0.15	ppb	U
108-86-1	Bromobenzene	C 811 -7026	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 811 -7026	0.23	0.23	ppb	U
103-65-1	n-Propylbenzene	C 811 -7026	0.16	0.16	ppb	U
96-18-4	1,2,3-Trichloropropane	C 811 -7026	0.35	0.35	ppb	U
622-96-8	p-Ethyltoluene	C 811 -7026	0.16	<b>2.00</b>	ppb	
108-67-8	1,3,5-Trimethylbenzene	C 811 -7026	0.20	0.20	ppb	U
95-49-8	2-Chlorotoluene	C 811 -7026	0.25	0.25	ppb	U
106-43-4	4-Chlorotoluene	C 811 -7026	0.22	0.22	ppb	U
98-06-6	tert-Butylbenzene	C 811 -7026	0.19	0.19	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 811 -7026	0.17	<b>8.10</b>	ppb	
135-98-8	sec-Butylbenzene	C 811 -7026	0.22	<b>1.40</b>	ppb	
99-87-6	4-Isopropyltoluene	C 811 -7026	0.17	0.17	ppb	U
541-73-1	1,3-Dichlorobenzene	C 811 -7026	0.17	0.17	ppb	U
106-46-7	1,4-Dichlorobenzene	C 811 -7026	0.10	0.10	ppb	U
95-50-1	1,2-Dichlorobenzene	C 811 -7026	0.11	0.11	ppb	U
105-05-5	p-Diethylbenzene	C 811 -7026	0.22	<b>1.60</b>	ppb	
104-51-8	n-Butylbenzene	C 811 -7026	0.17	0.17	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 811 -7026	0.50	<b>1.80</b>	ppb	
96-12-8	1,2-Dibromo-3-chloropropane	C 811 -7026	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 811 -7026	0.13	0.13	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-10...continue

Client Sample ID: MW-107

Collected: 12/16/2002 13:20

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 811 -7026	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 811 -7026	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 811 -7026	0.19	0.19	ppb	U

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C811-7026	104.0 %	( 86- 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C811-7026	96.2 %	( 64- 149)	
2037-26-5	TOLUENE-D8	C811-7026	102.0 %	( 88- 114)	



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-11

Client Sample ID: MW-106

Collected: 12/16/2002 13:40

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 811 -7027	0.38	0.38	ppb	U
75-45-6	Chlorodifluoromethane	C 811 -7027	0.25	0.25	ppb	U
74-87-3	Chloromethane	C 811 -7027	0.32	0.32	ppb	U
75-01-4	Vinyl Chloride	C 811 -7027	0.23	62.9	ppb	
74-83-9	Bromomethane	C 811 -7027	0.32	0.32	ppb	U
75-00-3	Chloroethane	C 811 -7027	0.24	0.24	ppb	U
75-69-4	Trichlorodifluoromethane	C 811 -7027	0.27	0.27	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 811 -7027	0.36	0.36	ppb	U
75-35-4	1,1-Dichloroethene	C 811 -7027	0.27	0.27	ppb	U
67-64-1	Acetone	C 811 -7027	1.13	1.13	ppb	U
75-15-0	Carbon disulfide	C 811 -7027	0.19	0.19	ppb	U
75-09-2	Methylene Chloride	C 811 -7027	0.21	0.21	ppb	U
156-60-5	t-1,2-Dichloroethene	C 811 -7027	0.31	8.80	ppb	
1634-04-4	Methyl t-butyl ether	C 811 -7027	0.18	0.18	ppb	U
75-34-3	1,1-Dichloroethane	C 811 -7027	0.30	0.30	ppb	U
590-20-7	2,2-Dichloropropane	C 811 -7027	0.27	0.27	ppb	U
156-59-2	c-1,2-Dichloroethene	C 812 -7053	4.80	1270	ppb	
78-93-3	2-Butanone	C 811 -7027	3.80	3.80	ppb	U
74-97-5	Bromochloromethane	C 811 -7027	0.25	0.25	ppb	U
67-66-3	Chloroform	C 811 -7027	0.26	0.26	ppb	U
71-55-6	1,1,1-Trichloroethane	C 811 -7027	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 811 -7027	0.22	0.22	ppb	U
563-58-6	1,1-Dichloropropene	C 811 -7027	0.39	0.39	ppb	U
71-43-2	Benzene	C 811 -7027	0.21	0.21	ppb	U
107-06-2	1,2-Dichloroethane	C 811 -7027	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 811 -7027	0.36	40.6	ppb	
78-87-5	1,2-Dichloropropane	C 811 -7027	0.31	0.31	ppb	U
74-95-3	Dibromomethane	C 811 -7027	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	C 811 -7027	0.20	0.20	ppb	U
110-75-8	2-Chloroethylvinylether	C 811 -7027	0.33	0.33	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 811 -7027	0.16	0.16	ppb	U
108-10-1	4-Methyl-2-pentanone	C 811 -7027	0.63	0.63	ppb	U
108-88-3	Toluene	C 811 -7027	0.20	1.90	ppb	
10061-02-6	t-1,3-Dichloropropene	C 811 -7027	0.16	0.16	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-11...continue

Client Sample ID: MW-106

Collected: 12/16/2002 13:40

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	C 811 -7027	0.16	0.16	ppb	U
127-18-4	Tetrachloroethene	C 811 -7027	0.11	56.7	ppb	
142-28-9	1,3-Dichloropropane	C 811 -7027	0.21	0.21	ppb	U
591-78-6	2-Hexanone	C 811 -7027	0.94	0.94	ppb	U
124-48-1	Dibromochloromethane	C 811 -7027	0.13	0.13	ppb	U
106-93-4	1,2-Dibromoethane	C 811 -7027	0.17	0.17	ppb	U
108-90-7	Chlorobenzene	C 811 -7027	0.15	0.15	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 811 -7027	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 811 -7027	0.22	0.22	ppb	U
108-38-3	m,p-xylene	C 811 -7027	0.34	0.34	ppb	U
95-47-6	o-xylene	C 811 -7027	0.25	1.10	ppb	
100-42-5	Styrene	C 811 -7027	0.20	0.20	ppb	U
75-25-2	Bromoform	C 811 -7027	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 811 -7027	0.15	0.15	ppb	U
108-86-1	Bromobenzene	C 811 -7027	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 811 -7027	0.23	0.23	ppb	U
103-65-1	n-Propylbenzene	C 811 -7027	0.16	0.16	ppb	U
96-18-4	1,2,3-Trichloropropane	C 811 -7027	0.35	0.35	ppb	U
622-96-8	p-Ethyltoluene	C 811 -7027	0.16	0.16	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 811 -7027	0.20	0.20	ppb	U
95-49-8	2-Chlorotoluene	C 811 -7027	0.25	0.25	ppb	U
106-43-4	4-Chlorotoluene	C 811 -7027	0.22	0.22	ppb	U
98-06-6	tert-Butylbenzene	C 811 -7027	0.19	0.19	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 811 -7027	0.17	0.17	ppb	U
135-98-8	sec-Butylbenzene	C 811 -7027	0.22	0.22	ppb	U
99-87-6	4-Isopropyltoluene	C 811 -7027	0.17	0.17	ppb	U
541-73-1	1,3-Dichlorobenzene	C 811 -7027	0.17	0.17	ppb	U
106-46-7	1,4-Dichlorobenzene	C 811 -7027	0.10	0.10	ppb	U
95-50-1	1,2-Dichlorobenzene	C 811 -7027	0.11	0.11	ppb	U
105-05-5	p-Diethylbenzene	C 811 -7027	0.22	0.22	ppb	U
104-51-8	n-Butylbenzene	C 811 -7027	0.17	0.17	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 811 -7027	0.50	0.50	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	C 811 -7027	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 811 -7027	0.13	0.13	ppb	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-11...continue

Client Sample ID: MW-106

Collected: 12/16/2002 13:40

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 811 -7027	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 811 -7027	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 811 -7027	0.19	0.19	ppb	U

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C811-7027	105.0 %	( 86 - 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C811-7027	101.0 %	( 64 - 149)	
2037-26-5	TOLUENE-D8	C811-7027	100.0 %	( 88 - 114)	
460-00-4	4-BROMOFLUOROBENZENE	C812-7053	102.0 %	( 86 - 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C812-7053	105.0 %	( 64 - 149)	
2037-26-5	TOLUENE-D8	C812-7053	101.0 %	( 88 - 114)	



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-11MS

Client Sample ID: MW-106 MS

Collected: 12/16/2002 13:40

Matrix: Liquid

Type: Matrix Spike

Remarks:

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 811 -7028	0.38	0.38	ppb	U
75-45-6	Chlorodifluoromethane	C 811 -7028	0.25	0.25	ppb	U
74-87-3	Chloromethane	C 811 -7028	0.32	0.32	ppb	U
75-01-4	Vinyl Chloride	C 811 -7028	0.23	68.9	ppb	
74-83-9	Bromomethane	C 811 -7028	0.32	0.32	ppb	U
75-00-3	Chloroethane	C 811 -7028	0.24	0.24	ppb	U
75-69-4	Trichlorofluoromethane	C 811 -7028	0.27	0.27	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 811 -7028	0.36	0.36	ppb	U
75-35-4	1,1-Dichloroethene	C 811 -7028	0.27	51.2	ppb	
67-64-1	Acetone	C 811 -7028	1.13	1.13	ppb	U
75-15-0	Carbon disulfide	C 811 -7028	0.19	0.19	ppb	U
75-09-2	Methylene Chloride	C 811 -7028	0.21	0.21	ppb	U
156-60-5	t-1,2-Dichloroethene	C 811 -7028	0.31	9.53	ppb	
1634-04-4	Methyl t-butyl ether	C 811 -7028	0.18	0.18	ppb	U
75-34-3	1,1-Dichloroethane	C 811 -7028	0.30	0.30	ppb	U
590-20-7	2,2-Dichloropropane	C 811 -7028	0.27	0.27	ppb	U
156-59-2	c-1,2-Dichloroethene	C 811 -7028	0.24	1090	ppb	
78-93-3	2-Butanone	C 811 -7028	3.80	3.80	ppb	U
74-97-5	Bromochloromethane	C 811 -7028	0.25	0.25	ppb	U
67-66-3	Chloroform	C 811 -7028	0.26	0.26	ppb	U
71-55-6	1,1,1-Trichloroethane	C 811 -7028	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 811 -7028	0.22	0.22	ppb	U
563-58-6	1,1-Dichloropropene	C 811 -7028	0.39	1.51	ppb	
71-43-2	Benzene	C 811 -7028	0.21	47.5	ppb	
107-06-2	1,2-Dichloroethane	C 811 -7028	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 811 -7028	0.36	86.9	ppb	
78-87-5	1,2-Dichloropropane	C 811 -7028	0.31	0.31	ppb	U
74-95-3	Dibromomethane	C 811 -7028	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	C 811 -7028	0.20	0.20	ppb	U
110-75-8	2-Chloroethylvinylether	C 811 -7028	0.33	0.33	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 811 -7028	0.16	0.16	ppb	U
108-10-1	4-Methyl-2-pentanone	C 811 -7028	0.63	0.63	ppb	U
108-88-3	Toluene	C 811 -7028	0.20	46.4	ppb	
10061-02-6	t-1,3-Dichloropropene	C 811 -7028	0.16	0.16	ppb	U



# Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735  
Phone - 631-249-1456 Fax - 631-249-8344

12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-11MS...continue

Client Sample ID: MW-106 MS

Collected: 12/16/2002 13:40

Matrix: Liquid

Type: Matrix Spike

Remarks:

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	C 811 -7028	0.16	0.16	ppb	U
127-18-4	Tetrachloroethene	C 811 -7028	0.11	58.5	ppb	
142-28-9	1,3-Dichloropropane	C 811 -7028	0.21	0.21	ppb	U
591-78-6	2-Hexanone	C 811 -7028	0.94	0.94	ppb	U
124-48-1	Dibromochloromethane	C 811 -7028	0.13	0.13	ppb	U
106-93-4	1,2-Dibromoethane	C 811 -7028	0.17	0.17	ppb	U
108-90-7	Chlorobenzene	C 811 -7028	0.15	43.2	ppb	
630-20-6	1,1,1,2-Tetrachloroethane	C 811 -7028	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 811 -7028	0.22	0.22	ppb	U
108-38-3	m,p-xylene	C 811 -7028	0.34	0.34	ppb	U
95-47-6	o-xylene	C 811 -7028	0.25	0.25	ppb	U
100-42-5	Styrene	C 811 -7028	0.20	0.20	ppb	U
75-25-2	Bromoform	C 811 -7028	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 811 -7028	0.15	0.15	ppb	U
108-86-1	Bromobenzene	C 811 -7028	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 811 -7028	0.23	0.23	ppb	U
103-65-1	n-Propylbenzene	C 811 -7028	0.16	0.16	ppb	U
96-18-4	1,2,3-Trichloropropane	C 811 -7028	0.35	0.35	ppb	U
622-96-8	p-Ethyltoluene	C 811 -7028	0.16	0.16	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 811 -7028	0.20	0.20	ppb	U
95-49-8	2-Chlorotoluene	C 811 -7028	0.25	0.25	ppb	U
106-43-4	4-Chlorotoluene	C 811 -7028	0.22	0.22	ppb	U
98-06-6	tert-Butylbenzene	C 811 -7028	0.19	0.19	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 811 -7028	0.17	0.17	ppb	U
135-98-8	sec-Butylbenzene	C 811 -7028	0.22	0.22	ppb	U
99-87-6	4-Isopropyltoluene	C 811 -7028	0.17	0.17	ppb	U
541-73-1	1,3-Dichlorobenzene	C 811 -7028	0.17	0.17	ppb	U
106-46-7	1,4-Dichlorobenzene	C 811 -7028	0.10	0.10	ppb	U
95-50-1	1,2-Dichlorobenzene	C 811 -7028	0.11	0.11	ppb	U
105-05-5	p-Diethylbenzene	C 811 -7028	0.22	0.22	ppb	U
104-51-8	n-Butylbenzene	C 811 -7028	0.17	0.17	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 811 -7028	0.50	0.50	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	C 811 -7028	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 811 -7028	0.13	0.13	ppb	U



# Environmental Testing Laboratories, Inc.

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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-11MS...continue

Client Sample ID: MW-106 MS

Collected: 12/16/2002 13:40

Matrix: Liquid

Type: Matrix Spike

Remarks:

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 811 -7028	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 811 -7028	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 811 -7028	0.19	0.19	ppb	U

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C811-7028	105.0 %	( 86 - 118)	U
4774-33-8	DIBROMOFLUOROMETHANE	C811-7028	103.0 %	( 64 - 149)	U
2037-26-5	TOLUENE-D8	C811-7028	100.0 %	( 88 - 114)	U



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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-11MSD

Client Sample ID: MW-106 MSD

Collected: 12/16/2002 13:40

Matrix: Liquid

Type: Matrix Spike Dup

Remarks:

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 811 -7029	0.38	0.38	ppb	U
75-45-6	Chlorodifluoromethane	C 811 -7029	0.25	0.25	ppb	U
74-87-3	Chloromethane	C 811 -7029	0.32	0.32	ppb	U
75-01-4	Vinyl Chloride	C 811 -7029	0.23	<b>75.1</b>	ppb	
74-83-9	Bromomethane	C 811 -7029	0.32	0.32	ppb	U
75-00-3	Chloroethane	C 811 -7029	0.24	0.24	ppb	U
75-69-4	Trichlorofluoromethane	C 811 -7029	0.27	0.27	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 811 -7029	0.36	0.36	ppb	U
75-35-4	1,1-Dichloroethene	C 811 -7029	0.27	<b>53.4</b>	ppb	
67-64-1	Acetone	C 811 -7029	1.13	1.13	ppb	U
75-15-0	Carbon disulfide	C 811 -7029	0.19	0.19	ppb	U
75-09-2	Methylene Chloride	C 811 -7029	0.21	0.21	ppb	U
156-60-5	t-1,2-Dichloroethene	C 811 -7029	0.31	<b>10.7</b>	ppb	
1634-04-4	Methyl t-butyl ether	C 811 -7029	0.18	0.18	ppb	U
75-34-3	1,1-Dichloroethane	C 811 -7029	0.30	0.30	ppb	U
590-20-7	2,2-Dichloropropane	C 811 -7029	0.27	0.27	ppb	U
156-59-2	c-1,2-Dichloroethene	C 811 -7029	0.24	<b>1170</b>	ppb	
78-93-3	2-Butanone	C 811 -7029	3.80	3.80	ppb	U
74-97-5	Bromochloromethane	C 811 -7029	0.25	0.25	ppb	U
67-66-3	Chloroform	C 811 -7029	0.26	0.26	ppb	U
71-55-6	1,1,1-Trichloroethane	C 811 -7029	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 811 -7029	0.22	0.22	ppb	U
563-58-6	1,1-Dichloropropene	C 811 -7029	0.39	0.39	ppb	U
71-43-2	Benzene	C 811 -7029	0.21	<b>49.3</b>	ppb	
107-06-2	1,2-Dichloroethane	C 811 -7029	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 811 -7029	0.36	<b>94.3</b>	ppb	
78-87-5	1,2-Dichloropropane	C 811 -7029	0.31	0.31	ppb	U
74-95-3	Dibromomethane	C 811 -7029	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	C 811 -7029	0.20	0.20	ppb	U
110-75-8	2-Chloroethylvinylether	C 811 -7029	0.33	0.33	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 811 -7029	0.16	0.16	ppb	U
108-10-1	4-Methyl-2-pentanone	C 811 -7029	0.63	0.63	ppb	U
108-88-3	Toluene	C 811 -7029	0.20	<b>47.7</b>	ppb	
10061-02-6	t-1,3-Dichloropropene	C 811 -7029	0.16	0.16	ppb	U



# Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735  
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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-11MSD...continue

Client Sample ID: MW-106 MSD

Collected: 12/16/2002 13:40

Matrix: Liquid

Type: Matrix Spike Dup

Remarks:

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	C 811 -7029	0.16	0.16	ppb	U
127-18-4	Tetrachloroethene	C 811 -7029	0.11	68.5	ppb	
142-28-9	1,3-Dichloropropane	C 811 -7029	0.21	0.21	ppb	U
591-78-6	2-Hexanone	C 811 -7029	0.94	0.94	ppb	U
124-48-1	Dibromochloromethane	C 811 -7029	0.13	0.13	ppb	U
106-93-4	1,2-Dibromoethane	C 811 -7029	0.17	0.17	ppb	U
108-90-7	Chlorobenzene	C 811 -7029	0.15	44.8	ppb	
630-20-6	1,1,1,2-Tetrachloroethane	C 811 -7029	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 811 -7029	0.22	0.22	ppb	U
108-38-3	m,p-xylene	C 811 -7029	0.34	0.34	ppb	U
95-47-6	o-xylene	C 811 -7029	0.25	1.29	ppb	
100-42-5	Styrene	C 811 -7029	0.20	0.20	ppb	U
75-25-2	Bromoform	C 811 -7029	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 811 -7029	0.15	0.15	ppb	U
108-86-1	Bromobenzene	C 811 -7029	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 811 -7029	0.23	0.23	ppb	U
103-65-1	n-Propylbenzene	C 811 -7029	0.16	0.16	ppb	U
96-18-4	1,2,3-Trichloropropane	C 811 -7029	0.35	0.35	ppb	U
622-96-8	p-Ethyltoluene	C 811 -7029	0.16	0.16	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 811 -7029	0.20	0.20	ppb	U
95-49-8	2-Chlorotoluene	C 811 -7029	0.25	0.25	ppb	U
106-43-4	4-Chlorotoluene	C 811 -7029	0.22	0.22	ppb	U
98-06-6	tert-Butylbenzene	C 811 -7029	0.19	0.19	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 811 -7029	0.17	0.17	ppb	U
135-98-8	sec-Butylbenzene	C 811 -7029	0.22	0.22	ppb	U
99-87-6	4-Isopropyltoluene	C 811 -7029	0.17	0.17	ppb	U
541-73-1	1,3-Dichlorobenzene	C 811 -7029	0.17	0.17	ppb	U
106-46-7	1,4-Dichlorobenzene	C 811 -7029	0.10	0.10	ppb	U
95-50-1	1,2-Dichlorobenzene	C 811 -7029	0.11	0.11	ppb	U
105-05-5	p-Diethylbenzene	C 811 -7029	0.22	0.22	ppb	U
104-51-8	n-Butylbenzene	C 811 -7029	0.17	0.17	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 811 -7029	0.50	0.50	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	C 811 -7029	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 811 -7029	0.13	0.13	ppb	U



# Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735  
Phone - 631-249-1456 Fax - 631-249-8344

12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-11MSD...continue

Client Sample ID: MW-106 MSD

Collected: 12/16/2002 13:41

Matrix: Liquid

Type: Matrix Spike Dup

Remarks:

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 811 -7029	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 811 -7029	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 811 -7029	0.19	0.19	ppb	U

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C811-7029	104.0 %	( 86 - 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C811-7029	105.0 %	( 64 - 149)	
2037-26-5	TOLUENE-D8	C811-7029	100.0 %	( 88 - 114)	



# Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735  
Phone - 631-249-1456 Fax - 631-249-8344

12/30/2002

## Volatile - EPA 8260B

**Sample: P2352-12**

Client Sample ID: MW-116

Matrix: Liquid

Type: Grab

Collected: 12/16/2002 14:

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units
75-71-8	Dichlorodifluoromethane	C 811 -7030	0.38	0.38	ppb
75-45-6	Chlorodifluoromethane	C 811 -7030	0.25	0.25	ppb
74-87-3	Chloromethane	C 811 -7030	0.32	0.32	ppb
75-01-4	Vinyl Chloride	C 811 -7030	0.23	73.7	ppb
74-83-9	Bromomethane	C 811 -7030	0.32	0.32	ppb
75-00-3	Chloroethane	C 811 -7030	0.24	0.24	ppb
75-69-4	Trichlorofluoromethane	C 811 -7030	0.27	0.27	ppb
76-13-1	1,1,2-Trichlorotrifluoroethane	C 811 -7030	0.36	0.36	ppb
75-35-4	1,1-Dichloroethene	C 811 -7030	0.27	0.27	ppb
67-64-1	Acetone	C 811 -7030	1.13	1.13	ppb
75-15-0	Carbon disulfide	C 811 -7030	0.19	0.19	ppb
75-09-2	Methylene Chloride	C 811 -7030	0.21	0.21	ppb
156-60-5	t-1,2-Dichloroethene	C 811 -7030	0.31	11.7	ppb
1634-04-4	Methyl t-butyl ether	C 811 -7030	0.18	0.18	ppb
75-34-3	1,1-Dichloroethane	C 811 -7030	0.30	0.30	ppb
590-20-7	2,2-Dichloropropane	C 811 -7030	0.27	0.27	ppb
156-59-2	c-1,2-Dichloroethene	C 812 -7054	4.80	1680	ppb
78-93-3	2-Butanone	C 811 -7030	3.80	3.80	ppb
74-97-5	Bromochloromethane	C 811 -7030	0.25	0.25	ppb
67-66-3	Chloroform	C 811 -7030	0.26	0.26	ppb
71-55-6	1,1,1-Trichloroethane	C 811 -7030	0.26	0.26	ppb
56-23-5	Carbon Tetrachloride	C 811 -7030	0.22	0.22	ppb
563-58-6	1,1-Dichloropropene	C 811 -7030	0.39	0.39	ppb
71-43-2	Benzene	C 811 -7030	0.21	0.21	ppb
107-06-2	1,2-Dichloroethane	C 811 -7030	0.23	0.23	ppb
79-01-6	Trichloroethene	C 811 -7030	0.36	49.0	ppb
78-87-5	1,2-Dichloropropane	C 811 -7030	0.31	0.31	ppb
74-95-3	Dibromomethane	C 811 -7030	0.24	0.24	ppb
75-27-4	Bromodichloromethane	C 811 -7030	0.20	0.20	ppb
110-75-8	2-Chloroethylvinylether	C 811 -7030	0.33	0.33	ppb
10061-01-5	c-1,3-Dichloropropene	C 811 -7030	0.16	0.16	ppb
108-10-1	4-Methyl-2-pentanone	C 811 -7030	0.63	0.63	ppb
108-88-3	Toluene	C 811 -7030	0.20	2.50	ppb
10061-02-6	t-1,3-Dichloropropene	C 811 -7030	0.16	0.16	ppb



# Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735  
Phone - 631-249-1456 Fax - 631-249-8344

12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-12...continue

Client Sample ID: MW-116

Collected: 12/16/2002

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units
79-00-5	1,1,2-Trichloroethane	C 811 -7030	0.16	0.16	ppb
127-18-4	Tetrachloroethene	C 811 -7030	0.11	<b>71.6</b>	ppb
142-28-9	1,3-Dichloropropane	C 811 -7030	0.21	0.21	ppb
591-78-6	2-Hexanone	C 811 -7030	0.94	0.94	ppb
124-48-1	Dibromochloromethane	C 811 -7030	0.13	0.13	ppb
106-93-4	1,2-Dibromoethane	C 811 -7030	0.17	0.17	ppb
108-90-7	Chlorobenzene	C 811 -7030	0.15	0.15	ppb
630-20-6	1,1,1,2-Tetrachloroethane	C 811 -7030	0.20	0.20	ppb
100-41-4	Ethylbenzene	C 811 -7030	0.22	0.22	ppb
108-38-3	m,p-xylene	C 811 -7030	0.34	0.34	ppb
95-47-6	o-xylene	C 811 -7030	0.25	<b>1.40</b>	ppb
100-42-5	Styrene	C 811 -7030	0.20	0.20	ppb
75-25-2	Bromoform	C 811 -7030	0.21	0.21	ppb
98-82-8	Isopropylbenzene	C 811 -7030	0.15	0.15	ppb
108-86-1	Bromobenzene	C 811 -7030	0.20	0.20	ppb
79-34-5	1,1,2,2-Tetrachloroethane	C 811 -7030	0.23	0.23	ppb
103-65-1	n-Propylbenzene	C 811 -7030	0.16	0.16	ppb
96-18-4	1,2,3-Trichloropropane	C 811 -7030	0.35	0.35	ppb
622-96-8	p-Ethyltoluene	C 811 -7030	0.16	0.16	ppb
108-67-8	1,3,5-Trimethylbenzene	C 811 -7030	0.20	0.20	ppb
95-49-8	2-Chlorotoluene	C 811 -7030	0.25	0.25	ppb
106-43-4	4-Chlorotoluene	C 811 -7030	0.22	0.22	ppb
98-06-6	tert-Butylbenzene	C 811 -7030	0.19	0.19	ppb
95-63-6	1,2,4-Trimethylbenzene	C 811 -7030	0.17	0.17	ppb
135-98-8	sec-Butylbenzene	C 811 -7030	0.22	0.22	ppb
99-87-6	4-Isopropyltoluene	C 811 -7030	0.17	<b>0.17</b>	ppb
541-73-1	1,3-Dichlorobenzene	C 811 -7030	0.17	0.17	ppb
106-46-7	1,4-Dichlorobenzene	C 811 -7030	0.10	0.10	ppb
95-50-1	1,2-Dichlorobenzene	C 811 -7030	0.11	0.11	ppb
105-05-5	p-Diethylbenzene	C 811 -7030	0.22	0.22	ppb
104-51-8	n-Butylbenzene	C 811 -7030	0.17	0.17	ppb
95-93-2	1,2,4,5-Tetramethylbenzene	C 811 -7030	0.50	0.50	ppb
96-12-8	1,2-Dibromo-3-chloropropane	C 811 -7030	0.42	0.42	ppb
120-82-1	1,2,4-Trichlorobenzene	C 811 -7030	0.13	0.13	ppb



# Environmental Testing Laboratories, Inc.

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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-12...continue

Client Sample ID: MW-116

Collected: 12/16/2002 14:00

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 811 -7030	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 811 -7030	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 811 -7030	0.19	0.19	ppb	U

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C811-7030	103.0 %	( 86 - 118)	U
4774-33-8	DIBROMOFLUOROMETHANE	C811-7030	111.0 %	( 64 - 149)	U
2037-26-5	TOLUENE-D8	C811-7030	101.0 %	( 88 - 114)	U
460-00-4	4-BROMOFLUOROBENZENE	C812-7054	101.0 %	( 86 - 118)	U
4774-33-8	DIBROMOFLUOROMETHANE	C812-7054	109.0 %	( 64 - 149)	U
2037-26-5	TOLUENE-D8	C812-7054	100.0 %	( 88 - 114)	U



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208 Route 109, Farmingdale NY 11735  
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12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-13

Client Sample ID: Field Blank

Matrix: Liquid

Type: Field Blank

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

Collected: 12/16/2002 14:15

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 811 -7031	0.38	0.38	ppb	U
75-45-6	Chlorodifluoromethane	C 811 -7031	0.25	0.25	ppb	U
74-87-3	Chloromethane	C 811 -7031	0.32	0.32	ppb	U
75-01-4	Vinyl Chloride	C 811 -7031	0.23	0.23	ppb	U
74-83-9	Bromomethane	C 811 -7031	0.32	0.32	ppb	U
75-00-3	Chloroethane	C 811 -7031	0.24	0.24	ppb	U
75-69-4	Trichlorodifluoromethane	C 811 -7031	0.27	0.27	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 811 -7031	0.36	0.36	ppb	U
75-35-4	1,1-Dichloroethene	C 811 -7031	0.27	0.27	ppb	U
67-64-1	Acetone	C 811 -7031	1.13	1.13	ppb	U
75-15-0	Carbon disulfide	C 811 -7031	0.19	0.19	ppb	U
75-09-2	Methylene Chloride	C 811 -7031	0.21	1.20	ppb	
156-60-5	t-1,2-Dichloroethene	C 811 -7031	0.31	0.31	ppb	U
1634-04-4	Methyl t-butyl ether	C 811 -7031	0.18	0.18	ppb	U
75-34-3	1,1-Dichloroethane	C 811 -7031	0.30	0.30	ppb	U
590-20-7	2,2-Dichloropropane	C 811 -7031	0.27	0.27	ppb	U
156-59-2	c-1,2-Dichloroethene	C 811 -7031	0.24	0.24	ppb	U
78-93-3	2-Butanone	C 811 -7031	3.80	3.80	ppb	U
74-97-5	Bromochloromethane	C 811 -7031	0.25	0.25	ppb	U
67-66-3	Chloroform	C 811 -7031	0.26	0.26	ppb	U
71-55-6	1,1,1-Trichloroethane	C 811 -7031	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 811 -7031	0.22	0.22	ppb	U
563-58-6	1,1-Dichloropropene	C 811 -7031	0.39	0.39	ppb	U
71-43-2	Benzene	C 811 -7031	0.21	0.21	ppb	U
107-06-2	1,2-Dichloroethane	C 811 -7031	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 811 -7031	0.36	0.36	ppb	U
78-87-5	1,2-Dichloropropane	C 811 -7031	0.31	0.31	ppb	U
74-95-3	Dibromomethane	C 811 -7031	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	C 811 -7031	0.20	0.20	ppb	U
110-75-8	2-Chloroethylvinylether	C 811 -7031	0.33	0.33	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 811 -7031	0.16	0.16	ppb	U
108-10-1	4-Methyl-2-pentanone	C 811 -7031	0.63	0.63	ppb	U
108-88-3	Toluene	C 811 -7031	0.20	0.20	ppb	U
10061-02-6	t-1,3-Dichloropropene	C 811 -7031	0.16	0.16	ppb	U



# Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-13...continue

Client Sample ID: Field Blank

Matrix: Liquid

Type: Field Blank

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

Collected: 12/16/2002 14:15

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	C 811 -7031	0.16	0.16	ppb	U
127-18-4	Tetrachloroethene	C 811 -7031	0.11	0.11	ppb	U
142-28-9	1,3-Dichloropropane	C 811 -7031	0.21	0.21	ppb	U
591-78-6	2-Hexanone	C 811 -7031	0.94	0.94	ppb	U
124-48-1	Dibromochloromethane	C 811 -7031	0.13	0.13	ppb	U
106-93-4	1,2-Dibromoethane	C 811 -7031	0.17	0.17	ppb	U
108-90-7	Chlorobenzene	C 811 -7031	0.15	0.15	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 811 -7031	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 811 -7031	0.22	0.22	ppb	U
108-38-3	m,p-xylene	C 811 -7031	0.34	0.34	ppb	U
95-47-6	o-xylene	C 811 -7031	0.25	0.25	ppb	U
100-42-5	Styrene	C 811 -7031	0.20	0.20	ppb	U
75-25-2	Bromoform	C 811 -7031	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 811 -7031	0.15	0.15	ppb	U
108-86-1	Bromobenzene	C 811 -7031	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 811 -7031	0.23	0.23	ppb	U
103-65-1	n-Propylbenzene	C 811 -7031	0.16	0.16	ppb	U
96-18-4	1,2,3-Trichloropropane	C 811 -7031	0.35	0.35	ppb	U
622-96-8	p-Ethyltoluene	C 811 -7031	0.16	0.16	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 811 -7031	0.20	0.20	ppb	U
95-49-8	2-Chlorotoluene	C 811 -7031	0.25	0.25	ppb	U
106-43-4	4-Chlorotoluene	C 811 -7031	0.22	0.22	ppb	U
98-06-6	tert-Butylbenzene	C 811 -7031	0.19	0.19	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 811 -7031	0.17	0.17	ppb	U
135-98-8	sec-Butylbenzene	C 811 -7031	0.22	0.22	ppb	U
99-87-6	4-Isopropyltoluene	C 811 -7031	0.17	0.17	ppb	U
541-73-1	1,3-Dichlorobenzene	C 811 -7031	0.17	0.17	ppb	U
106-46-7	1,4-Dichlorobenzene	C 811 -7031	0.10	0.10	ppb	U
95-50-1	1,2-Dichlorobenzene	C 811 -7031	0.11	0.11	ppb	U
105-05-5	p-Diethylbenzene	C 811 -7031	0.22	0.22	ppb	U
104-51-8	n-Butylbenzene	C 811 -7031	0.17	0.17	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 811 -7031	0.50	0.50	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	C 811 -7031	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 811 -7031	0.13	0.13	ppb	U



# Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

Phone - 631-249-1456 Fax - 631-249-8344

12/30/2002

## Volatiles - EPA 8260B

### Sample: P2352-13...continue

Client Sample ID: Field Blank

Collected: 12/16/2002 14:15

Matrix: Liquid

Type: Field Blank

Remarks: See Case Narrative

Analyzed Date: 12/24/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 811 -7031	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 811 -7031	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 811 -7031	0.19	0.19	ppb	U

### Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C811-7031	103.0 %	( 86- 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C811-7031	105.0 %	( 64- 149)	
2037-26-5	TOLUENE-D8	C811-7031	100.0 %	( 88- 114)	



# **Environmental Testing Laboratories, Inc.**

**208 Route 109, Farmingdale NY 11735**

**Phone - 631-249-1456 Fax - 631-249-8344**

**12/30/2002**

## **Case Narrative**

8260:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

Acetone  
2-Butanone  
4-Methyl-2-pentanone  
2-Hexanone

M&P-Xylenes and 2-Chloro ethyl vinyl ether were calibrated at 10, 40, 100, 200 and 300 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Reviewed by: *Kelly Lange*



# **Environmental Testing Laboratories, Inc.**

**208 Route 109, Farmingdale NY 11735**

**Phone - 631-249-1456 Fax - 631-249-8344**

**12/30/2002**

## **ORGANIC METHOD QUALIFIERS**

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is a non-detect.

J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit.

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag identifies all compounds identified in an analysis at a secondary dilution. In the case of a surrogate this flag indicates a system monitoring compound diluted out.

## **INORGANIC METHOD QUALIFIERS**

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

U - Entered when the analyte was analyzed for, but not detected.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

A - Flame AA

AS - Semi-automated Spectrophotometric

AV - Automated Cold Vapor AA

C - Manual Spectrophotometric

F - Furnace AA

P - ICP

T - Titrimetric

## **OTHER QUALIFIERS**

ND - Not Detected

NA - Not Applicable

NR - Not Required

\* - Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)

## **OTHER**

- All soil and sediment samples are reported on a dry weight basis.



# **Environmental Testing Laboratories, Inc.**

**208 Route 109, Farmingdale NY 11735**

**Phone - 631-249-1456 Fax - 631-249-8344**

**12/27/2002**

## **Custody Document: P2351**

**Received: 12/16/2002 14:43**

**Sampled by: Eric Killenbeck**

## **Client: Blue Waters (11260)**

**1610 New Highway  
Farmingdale,  
NY 11735**

## **Project: Active Industrial**

**67 West Montauk Hwy  
Lindenhurst,  
NY**

## **Manager: Mark Soliman**

**Respectfully submitted,**

  
\_\_\_\_\_  
**Laboratory Manager**

**NYS Lab ID # 10969  
NJ Cert. # 73812  
CT Cert. # PH0645  
MA Cert. # NY061  
PA Cert. # 68-535  
NH Cert. # 252592-BA  
RI Cert. # 161**

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# Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735  
Phone - 631-249-1456 Fax - 631-249-8344

12/27/2002

## Volatiles - EPA 8260B

### Sample: P2351-1

Client Sample ID: Trip Blank  
Matrix: Liquid  
Remarks: See Case Narrative  
Analyzed Date: 12/23/2002

Collected: 12/16/2002

Type: Trip Blank

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 810 -7008	0.38	0.38	ppb	U
75-45-6	Chlorodifluoromethane	C 810 -7008	0.25	0.25	ppb	U
74-87-3	Chloromethane	C 810 -7008	0.32	0.32	ppb	U
75-01-4	Vinyl Chloride	C 810 -7008	0.23	0.23	ppb	U
74-83-9	Bromomethane	C 810 -7008	0.32	0.32	ppb	U
75-00-3	Chloroethane	C 810 -7008	0.24	0.24	ppb	U
75-69-4	Trichlorodifluoromethane	C 810 -7008	0.27	0.27	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 810 -7008	0.36	0.36	ppb	U
75-35-4	1,1-Dichloroethene	C 810 -7008	0.27	0.27	ppb	U
67-64-1	Acetone	C 810 -7008	1.13	1.13	ppb	U
75-15-0	Carbon disulfide	C 810 -7008	0.19	0.19	ppb	U
75-09-2	Methylene Chloride	C 810 -7008	0.21	0.21	ppb	U
156-60-5	t-1,2-Dichloroethene	C 810 -7008	0.31	0.31	ppb	U
1634-04-4	Methyl t-butyl ether	C 810 -7008	0.18	0.18	ppb	U
75-34-3	1,1-Dichloroethane	C 810 -7008	0.30	0.30	ppb	U
590-20-7	2,2-Dichloropropane	C 810 -7008	0.27	0.27	ppb	U
156-59-2	c-1,2-Dichloroethene	C 810 -7008	0.24	0.24	ppb	U
78-93-3	2-Butanone	C 810 -7008	3.80	3.80	ppb	U
74-97-5	Bromochloromethane	C 810 -7008	0.25	0.25	ppb	U
67-66-3	Chloroform	C 810 -7008	0.26	0.26	ppb	U
71-55-6	1,1,1-Trichloroethane	C 810 -7008	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 810 -7008	0.22	0.22	ppb	U
563-58-6	1,1-Dichloropropene	C 810 -7008	0.39	0.39	ppb	U
71-43-2	Benzene	C 810 -7008	0.21	0.21	ppb	U
107-06-2	1,2-Dichloroethane	C 810 -7008	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 810 -7008	0.36	0.36	ppb	U
78-87-5	1,2-Dichloropropane	C 810 -7008	0.31	0.31	ppb	U
74-95-3	Dibromomethane	C 810 -7008	0.24	0.24	ppb	U
75-27-4	Bromodichloromethane	C 810 -7008	0.20	0.20	ppb	U
110-75-8	2-Chloroethylvinylether	C 810 -7008	0.33	0.33	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 810 -7008	0.16	0.16	ppb	U
108-10-1	4-Methyl-2-pentanone	C 810 -7008	0.63	0.63	ppb	U
108-88-3	Toluene	C 810 -7008	0.20	0.20	ppb	U
10061-02-6	t-1,3-Dichloropropene	C 810 -7008	0.16	0.16	ppb	U



# Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735  
Phone - 631-249-1456 Fax - 631-249-8344

12/27/2002

## Volatiles - EPA 8260B

### Sample: P2351-1...continue

Client Sample ID: Trip Blank

Collected: 12/16/2002

Matrix: Liquid

Type: Trip Blank

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
79-00-5	1,1,2-Trichloroethane	C 810 -7008	0.16	0.16	ppb	U
127-18-4	Tetrachloroethene	C 810 -7008	0.11	0.11	ppb	U
142-28-9	1,3-Dichloropropane	C 810 -7008	0.21	0.21	ppb	U
591-78-6	2-Hexanone	C 810 -7008	0.94	0.94	ppb	U
124-48-1	Dibromochloromethane	C 810 -7008	0.13	0.13	ppb	U
106-93-4	1,2-Dibromoethane	C 810 -7008	0.17	0.17	ppb	U
108-90-7	Chlorobenzene	C 810 -7008	0.15	0.15	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 810 -7008	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 810 -7008	0.22	0.22	ppb	U
108-38-3	m,p-xylene	C 810 -7008	0.34	0.34	ppb	U
95-47-6	o-xylene	C 810 -7008	0.25	0.25	ppb	U
100-42-5	Styrene	C 810 -7008	0.20	0.20	ppb	U
75-25-2	Bromoform	C 810 -7008	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 810 -7008	0.15	0.15	ppb	U
108-86-1	Bromobenzene	C 810 -7008	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 810 -7008	0.23	0.23	ppb	U
103-65-1	n-Propylbenzene	C 810 -7008	0.16	0.16	ppb	U
96-18-4	1,2,3-Trichloropropane	C 810 -7008	0.35	0.35	ppb	U
622-96-8	p-Ethyltoluene	C 810 -7008	0.16	0.16	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 810 -7008	0.20	0.20	ppb	U
95-49-8	2-Chlorotoluene	C 810 -7008	0.25	0.25	ppb	U
106-43-4	4-Chlorotoluene	C 810 -7008	0.22	0.22	ppb	U
98-06-6	tert-Butylbenzene	C 810 -7008	0.19	0.19	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 810 -7008	0.17	0.17	ppb	U
135-98-8	sec-Butylbenzene	C 810 -7008	0.22	0.22	ppb	U
99-87-6	4-Isopropyltoluene	C 810 -7008	0.17	0.17	ppb	U
541-73-1	1,3-Dichlorobenzene	C 810 -7008	0.17	0.17	ppb	U
106-46-7	1,4-Dichlorobenzene	C 810 -7008	0.10	0.10	ppb	U
95-50-1	1,2-Dichlorobenzene	C 810 -7008	0.11	0.11	ppb	U
105-05-5	p-Diethylbenzene	C 810 -7008	0.22	0.22	ppb	U
104-51-8	n-Butylbenzene	C 810 -7008	0.17	0.17	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 810 -7008	0.50	0.50	ppb	U
96-12-8	1,2-Dibromo-3-chloropropane	C 810 -7008	0.42	0.42	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 810 -7008	0.13	0.13	ppb	U



# **Environmental Testing Laboratories, Inc.**

**208 Route 109, Farmingdale NY 11735**

**Phone - 631-249-1456 Fax - 631-249-8344**

**12/27/2002**

## **Volatiles - EPA 8260B**

### **Sample: P2351-1...continue**

Client Sample ID: Trip Blank

Collected: 12/16/2002

Matrix: Liquid

Type: Trip Blank

Remarks: See Case Narrative

Analyzed Date: 12/23/2002

### **Analytical Results**

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
87-68-3	Hexachlorobutadiene	C 810 -7008	0.45	0.45	ppb	U
91-20-3	Naphthalene	C 810 -7008	0.29	0.29	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 810 -7008	0.19	0.19	ppb	U

### **Surrogate Results**

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C810-7008	101.0 %	( 86 - 118)	
4774-33-8	DIBROMOFLUOROMETHANE	C810-7008	109.0 %	( 64 - 149)	
2037-26-5	TOLUENE-D8	C810-7008	100.0 %	( 88 - 114)	



# **Environmental Testing Laboratories, Inc.**

**208 Route 109, Farmingdale NY 11735**  
**Phone - 631-249-1456 Fax - 631-249-8344**

**12/27/2002**

## **Case Narrative**

8260:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:

Acetone  
2-Butanone  
4-Methyl-2-pentanone  
2-Hexanone

M&P-Xylenes were calibrated at 10, 40, 100, 200 and 300 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

Samples were quantitated using the continuing calibration standard response factor as opposed to the initial calibration average response factor.

Reviewed by: Reynier Perez



# **Environmental Testing Laboratories, Inc.**

**208 Route 109, Farmingdale NY 11735**

**Phone - 631-249-1456 Fax - 631-249-8344**

**12/27/2002**

## **ORGANIC METHOD QUALIFIERS**

**Q - Qualifier - specified entries and their meanings are as follows:**

**U - The analytical result is a non-detect.**

**J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit.**

**B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.**

**E - The concentration of the analyte exceeded the calibration range of the instrument.**

**D - This flag identifies all compounds identified in an analysis at a secondary dilution. In the case of a surrogate this flag indicates a system monitoring compound diluted out.**

## **INORGANIC METHOD QUALIFIERS**

**C - (Concentration) qualifiers are as follows:**

**B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).**

**U - Entered when the analyte was analyzed for, but not detected.**

**Q - Qualifier specific entries and their meanings are as follows:**

**E - Reported value is estimated because of the presence of interferences.**

**M - (Method) qualifiers are as follows:**

**A - Flame AA**

**AS - Semi-automated Spectrophotometric**

**AV - Automated Cold Vapor AA**

**C - Manual Spectrophotometric**

**F - Furnace AA**

**P - ICP**

**T - Titrimetric**

## **OTHER QUALIFIERS**

**ND - Not Detected**

**NA - Not Applicable**

**NR - Not Required**

**\* - Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)**

## **OTHER**

**- All soil and sediment samples are reported on a dry weight basis.**



**ETL**

Environmental Testing Laboratories, Inc.

208 Route 109 • Farmingdale • New York 11735  
**631-249-1456 • Fax: 631-249-8344****CHAIN OF CUSTODY DOCUMENT****P 02352**

Project Name: <u>A-1001-Industrial</u>				Project Manager: <u>M. M. F.</u>				Sampler (Signature): <u>E. J. M.</u> (Print): <u>E. J. M.</u>					
Project Address: <u>1001 Industrial Dr.</u>				Client Location: <u>J/N:</u>				Rush by <u>/ /</u>					
SAMPLE INFO				Type: SS = Split Spoon, G = Grab, C = Composite, B = Blank Matrix: L = Liquid, S = Soil, SL = Sludge, A = Air, W = Wipe				*Air - Vol (Liters) include Flow (CFM)					
ID	Date	Time	Type	Matrix	Sample Location	Total # Cont.							
1	1/16/02	10:00	G	L	MW-109	2							
2	1/16/02	10:10	G	L	MW-110	2							
3	1/16/02	10:15	G	L	MW-111	2							
4	1/16/02	10:47	G	L	MW-112	2							
5	1/16/02	11:06	G	L	MW-101	2							
6	1/16/02	11:36	G	L	MW-103	2							
7	1/16/02	11:45	G	L	MW-104	2							
8	1/16/02	12:41	G	L	MW-108	2							
9	1/16/02	13:00	G	L	MW-105	2							
10	1/16/02	13:20	G	L	MW-107	2							
11	1/16/02	13:40	G	L	MW-106	2							
12	1/16/02	14:40	G	L	MW-108 (MSD)	2							
13	1/16/02	13:40	G	L	MW-106 (MSD)	2							
14	1/16/02	14:40	G	L	MW-116	2							
15	1/16/02	14:43	G	L	File 11 Blank	2							
Relinquished by (Signature): <u>E. J. M.</u>				Printed Name & Agent: <u>E. J. M.</u>				Received by (Signature): <u>E. J. M.</u>				Printed Name & Agent: <u>E. J. M.</u>	
				Date: <u>1/16/02</u> Time: <u>14:43</u>								Date: <u>1/16/02</u> Time: <u>14:43</u>	
Relinquished by (Signature): <u>E. J. M.</u>				Printed Name & Agent: <u>E. J. M.</u>				Received for Lab by (Signature): <u>E. J. M.</u>				Printed Name	
				Date: <u>1/16/02</u> Time: <u>14:43</u>								Date: <u>1/16/02</u> Time: <u>14:43</u>	
Comments & Special Instructions								QA/QC Type:				Preservatives: _____ Temp: _____	

Water Levels - 12-16-03

DTW (ft.) DTB (ft.)

	DTW (ft.)	DTB (ft.)
MW-101	6.97	14.46
MW-102	6.84	14.5
MW-103	6.81	13.53
MW-104	7.03	14.58
MW-105	6.91	14.53
MW-106	6.77	14.4
MW-107	6.82	14.61
MW-108	7.30	14.5
MW-109	0.76	34.6
MW-110	1.23	34.4
MW-111	3.18	34.67
RW-1	n.m	n.m
RW-2	n.m	n.m

## **Groundwater Sampling Form**

Active Industrial - Lindenhurst, NY

Project Number:	22000-0-0019	Phase/Task:	800	Well ID: MW-101
Date:	12-16-07	Sampled By:	EK	
Sampling Time:	1106	Recorded By:	EK	
Weather:		Coded Replicate No.:		

Instrument Identification      Horiba U-10      Serial #: \_\_\_\_\_  
Water Quality Meter(s):

## Purging Information

Casing Material: PVC Purge Method: Peristaltic pump  
Casing Diameter: 2 Screen Interval (ft bmp): \_\_\_\_\_  
Total Depth (ft bmp): 14.46 Pump Intake Depth (ft bmp): \_\_\_\_\_  
Depth to Water (ft bmp): 6.97 Purge time Start: \_\_\_\_\_

#### Field Parameter Measurements Taken During Purging

3.7

Sample Condition: Color: reddish brown Odor: none Appearance: non-turbid

Sample Collection

Parameter: Container: No. Preservative:

VOC      40 m)      L      HG)

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## Comments

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Digitized by srujanika@gmail.com

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Digitized by srujanika@gmail.com

## **Groundwater Sampling Form**

## Active Industrial - Lindenhurst, NY

102

MW-~~D~~<sup>S</sup>

Project Number: 22000-0-0019 Phase/Task: 800 Well ID: MW-10X  
Date: 12-16-02 Sampled By: EK  
Sampling Time: 1047 Recorded By: EK  
Weather: sunny - cold Coded Replicate No.: \_\_\_\_\_

**Instrument Identification**

Horiba U-10

**Serial #:**

## Purging Information

Casing Material:	PVC
Casing Diameter:	2"
Total Depth (ft b.m.p.):	<del>14.5</del>
Depth to Water (ft b.m.p.):	6.84

Purge Method: Peristaltic  
Screen Interval (ft bmp): \_\_\_\_\_  
Pump Intake Depth (ft bmp): \_\_\_\_\_  
Purge time Start: \_\_\_\_\_

#### Field Parameter Measurements Taken During Purging

3.75

## Sample Condition

## Sample Collection

Color: no clear

Odor: none

**Appearance:**

non-trivial

#### Parameter:

Voc

#### **Container:**

40.m1

No.

#### Preservative:

RESERVATION

### Comments





## **Groundwater Sampling Form**

Active Industrial - Lindenhurst, NY

Project Number: 22000-0-0019 Phase/Task: 800 Well ID: MW-105  
Date: 12-16-02 Sampled By: EK  
Sampling Time: 1300 Recorded By: EK  
Weather: Coded Replicate No.: \_\_\_\_\_

Instrument Identification      Haniba U-10      Serial #: \_\_\_\_\_  
Water Quality Meter(s):

## Purguing Information

Casing Material: PVC Purge Method: Peristaltic  
Casing Diameter: 7" Screen Interval (ft bmp): \_\_\_\_\_  
Total Depth (ft bmp): 14.53 Pump Intake Depth (ft bmp): \_\_\_\_\_  
Depth to Water (ft bmp): 6.91 Purge time Start: \_\_\_\_\_

#### **Field Parameter Measurements Taken During Purging**

Sample Condition	Color:	clear	Odor:	none	Appearance:	non-turbid
Sample Collection	Parameter:	VOC	Container:	40 mL	No.	2

Comments - Iron Flakes



## **Groundwater Sampling Form**

## Active Industrial - Lindenhurst, NY

Project Number: 22000-0-0019  
Date: 12-16-02  
Sampling Time: 1320  
Weather: overcast

Phase/Task: 800 Well ID:  
Sampled By: EK  
Recorded By: EK  
Coded Replicate No.:

Well ID: MW-107

**Instrument Identification**  
**Water Quality Meter(s):**

Horiba U-10

**Serial #:** \_\_\_\_\_

## Purging Information

Casing Material:	PVC
Casing Diameter:	2
Total Depth (ft bmp):	14.61
Depth to Water (ft bmp):	6.82

Purge Method: peristaltic  
Screen Interval (ft bmp): \_\_\_\_\_  
Pump Intake Depth (ft bmp): \_\_\_\_\_  
Purge time Start: \_\_\_\_\_

### **Field Parameter Measurements Taken During Purging**

### Sample Condition

**Color:**

black flecks

81

sight

**Appearance:**

non-turbid

### Sample Collection

#### Parameter:

10

— 1 —

### **Container:**

40

40 m

No.

Preservative:

HGL

## Comments

## **Groundwater Sampling Form**

Active Industrial - Lindenhurst, NY

Project Number: 22000-0-0019 Phase/Task: 800 Well ID: M10-100  
Date: 12-16-02 Sampled By: EK  
Sampling Time: 1241 Recorded By: EK  
Weather: Coded Replicate No.:

Instrument Identification      Hov. ba u-1D      Serial #: \_\_\_\_\_  
Water Quality Meter(s): \_\_\_\_\_

## Purging Information

Casing Material:	PVC
Casing Diameter:	2
Total Depth (ft bmp):	14.5
Depth to Water (ft bmp):	7.30

Purge Method: PCr. static  
Screen Interval (ft bmp): \_\_\_\_\_  
Pump Intake Depth (ft bmp): \_\_\_\_\_  
Purge time Start: \_\_\_\_\_

#### Field Parameter Measurements Taken During Purging

Sample Condition      Color: clear      Odor: none      Appearance: non-turbid

## Sample Collection

**Parameter:**

10

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— 8 —

Color: clear

Odor: Woo we

### Appearance:

## Non-turbid

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Container: 40 ml

No. 2

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Preservative:  
HCl

**Comments** \_\_\_\_\_

## **Groundwater Sampling Form**

Active Industrial - Ljndenhurst, NY

MW-109

Project Number: 22000-0-0019  
Date: 12-16-02  
Sampling Time: 900  
Weather: sunny

Phase/Task: 800 Well ID: \_\_\_\_\_  
Sampled By: EK  
Recorded By: EK  
Coded Replicate No.: \_\_\_\_\_

**Instrument Identification**  
**Water Quality Meter(s):**

Horiba U-10

Serial #: \_\_\_\_\_

## Purging Information

Casing Material:	PVC
Casing Diameter:	7
Total Depth (ft bmp):	34.0
Depth to Water (ft bmp):	0.76

Purge Method: Peristaltic  
Screen Interval (ft bmp): \_\_\_\_\_  
Pump Intake Depth (ft bmp): \_\_\_\_\_  
Purge time Start: 7:30p

#### **Field Parameter Measurements Taken During Purging**

16-6 gallons

### Sample Condition

Color:  Color

Odor:

**Appearance:**

### non-turbid

## Sample Collection

#### Parameter:

V

VOC

Contents

404

Na

Russian literature

ive:

### Comments

## **Groundwater Sampling Form**

Active Industrial - Lindenhurst, NY

Project Number: 22000-0-0019  
Date: 12-16-02  
Sampling Time: 940  
Weather: sunny - cold

Phase/Task: 800 Well ID:  
Sampled By: EK  
Recorded By: EK  
Coded Replicate No.:

MW-110

**Instrument Identification**  
**Water Quality Meter(s):**

Horiba U-10

**Serial #:** \_\_\_\_\_

## Purging Information

Casing Material:	PVC
Casing Diameter:	2"
Total Depth (ft bmp):	34.4
Depth to Water (ft bmp):	1.22

Purge Method: Terristolatic  
Screen Interval (ft bmp): \_\_\_\_\_  
Pump Intake Depth (ft bmp): \_\_\_\_\_  
Purge time      Start: \_\_\_\_\_

#### **Field Parameter Measurements Taken During Purging**

16-3 gallons

### Sample Condition

Color: silver

Oder: Aus

#### Appearance:

~~no turbid~~

## Sample Collection

#### Parameter:

Parameter: ✓

*Yos*

#### Containers:

## 4 Owl glasses

No

### Preservative:

REVIEWS.

## Comments

## **Groundwater Sampling Form**

## Active Industrial - Lindenhurst, NY

Project Number: 22000-0-0019  
Date: 12-16-02  
Sampling Time: 1023  
Weather: Sunny cold

Phase/Task: 800 Well ID: M W-11  
Sampled By: EK  
Recorded By: EK  
Coded Replicate No.: \_\_\_\_\_

**Instrument Identification**  
**Water Quality Meter(s):**

Horiba U-10 Serial #: \_\_\_\_\_

**Serial #:** \_\_\_\_\_

## Purging Information

Casing Material:	PVC
Casing Diameter:	2"
Total Depth (ft b.m.p.):	34.62
Depth to Water (ft b.m.p.):	3.18

Purge Method: Peristaltic  
Screen Interval (ft bmp): \_\_\_\_\_  
Pump Intake Depth (ft bmp): \_\_\_\_\_  
Purge time Start: \_\_\_\_\_

#### **Field Parameter Measurements Taken During Purging**

15.4 gallons

### Sample Condition

Color: electric

Odor: "wet."

**Appearance:**

## Non-turb

#### **Sample Collection**

#### Parameter:

#### Container:

4001

No.

### Preservative:

HCl

### Comments