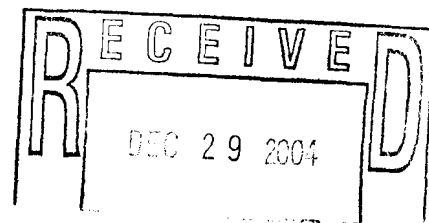




November 17, 2004

Mr. Ellis Koch
Blue Water Environmental, Inc.
1610 New Highway
Farmingdale, NY 11735



Transmitted Via US Mail

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

Dear Mr. Koch:

MACTEC Engineering and Consulting, Inc. (MACTEC) 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 third quarter of 2004 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 the vapor and influent/effluent samples are provided as separate reports.

METHODOLOGY

Ground-Water Sampling

On October 1, 2004 ground-water samples were collected from the eight on-site monitoring wells and two off-site monitoring wells. Well MW-110 located on Palm Street was paved over by the municipality and could not be sampled. A site layout is shown on Figures 1a and 1b. 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 flowing conditions (i.e. artesian) to 6.17 feet below top of casing (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 10 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, matrix spike, matrix spike duplicate and trip blank were submitted to the laboratory for analysis for quality assurance/quality control (QA/QC) purposes. A field blank for this sampling event was not prepared. 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. Overall, ground-water levels measured in the on-site and off-site monitoring wells were higher in comparison to previous sampling events. In particular, the water level in monitoring well MW-102 appears to be anomalously high and was not used in the preparation of Figure 2.

Ground-Water Sampling

Analytical results of ground-water samples collected during the October 1, 2004 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 7.06 to 1,730.19 micrograms per liter (ug/L). As shown in Table 2, several VOCs were detected at concentrations above NYSDEC ground-water standards. All on-site wells one or more VOCs reported at concentrations above NYSDEC ground-water quality standards. Wells MW-104 and MW-106 had the highest concentrations of total VOCs on-site (1,730.19 ug/L and 374.20 ug/L, respectively). The VOC detected at the highest concentration in well MW-104 was tetrachloroethene (1,660 ug/L). The VOC detected at the highest concentration in well MW-106 was cis-1,2-dichloroethene (281 ug/L). Trichloroethene (60.9 ug/L) and cis-1,2-dichloroethene (7.27 ug/L) were also reported at concentrations above NYSDEC ground-water quality standards in MW-104. In addition, vinyl chloride (9.27 ug/L), trichloroethene (50 ug/L) and tetrachloroethene (31.4 ug/L) were reported at concentrations above the NYSDEC ground-water quality standard in MW-106.

The concentrations of total VOCs detected in off-site monitoring wells MW-109 and MW-111, were 17.42 ug/L, and 0.00 ug/L, respectively (Table 2). No VOCs were reported at concentrations above NYSDEC ground-water quality standards in off-site wells MW-109 and MW-111. Well MW-110 could not be sampled because it was recently covered by pavement.

CONCLUSIONS

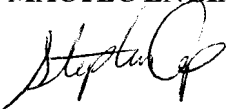
- The horizontal component of ground-water flow at the AIU site is in a south-southwesterly direction.
- The highest levels of total VOCs were reported in monitoring wells MW-104 (1,730.19 ug/L) and MW-106 (374.20ug/L) (Table 2).
- The VOCs reported at the highest concentrations above NYSDEC ground-water quality standards were cis-1,2-dichloroethene, tetrachloroethene, and trichloroethene.
- No VOCs were reported at concentrations above NYSDEC ground-water quality standards in off-site wells MW-109 and MW-111.
- 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,

MACTEC ENGINEERING AND CONSULTING, INC.



Stephan Cap
Project Scientist



Douglas J. Newton, CPG
Senior Principal Geologist

Enclosures

TABLE 1
GROUND-WATER ELEVATION DATA AND WELL CONSTRUCTION DETAILS
ACTIVE INDUSTRIAL UNIFORM, LINDENHURST, NEW YORK
MACTEC 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)	12/13/2001		3/7/2002	
							DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)	GROUND-WATER LEVEL ELEVATION (FT. RELATIVE TO MSL)	DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)	GROUND-WATER LEVEL ELEVATION (FT. RELATIVE TO MSL)
MW-101	06/05/01	On-site	14.22	5-15	2	8.83	7.03	1.80	7.78	1.05
MW-102	06/05/01	On-site	14.10	5-15	2	8.66	7.10	1.56	7.65	1.01
MW-103	06/05/01	On-site	13.26	5-15	2	8.57	7.06	1.51	7.62	0.95
MW-104	06/05/01	On-site	14.24	5-15	2	8.70	7.25	1.45	7.87	0.83
MW-105	06/05/01	On-site	14.23	5-15	2	8.58	7.12	1.46	7.73	0.85
MW-106	06/05/01	On-site	14.11	5-15	2	8.50	7.10	1.40	7.61	0.89
MW-107	06/04/01	On-site	14.30	5-15	2	8.44	7.02	1.42	7.66	0.78
MW-108	06/04/01	On-site	14.17	5-15	2	8.82	7.41	1.41	8.13	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

* Conditions at the well were artesian.

Prepared by: SC 11/15/04

Checked by: DJN 11/16/04

TABLE 1
GROUND-WATER ELEVATION DATA AND WELL CONSTRUCTION DETAILS
ACTIVE INDUSTRIAL UNIFORM, LINDENHURST, NEW YORK
MACTEC 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)	6/24/2002		9/24/2002	
							DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)	GROUND-WATER LEVEL ELEVATION (FT. RELATIVE TO MSL)	DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)	GROUND-WATER 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	34.60	25-35	2	1.21	1.34	-0.13	1.41	-0.20
MW-110	06/12/01	Off-site	34.39	25-35	2	NA	1.76	NA	1.70	NA
MW-111	06/12/01	Off-site	34.30	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:

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ACTIVE INDUSTRIAL UNIFORM, LINDENHURST, NEW YORK
MACTEC 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)	12/16/2002		3/4/2003	
							DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)	GROUND-WATER LEVEL ELEVATION (FT. RELATIVE TO MSL)	DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)	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	6.82	2.01
MW-102	06/05/01	On-site	14.10	5-15	2	8.66	6.84	1.82	6.69	1.97
MW-103	06/05/01	On-site	13.26	5-15	2	8.57	6.81	1.76	6.67	1.90
MW-104	06/05/01	On-site	14.24	5-15	2	8.70	7.03	1.67	6.91	1.79
MW-105	06/05/01	On-site	14.23	5-15	2	8.58	6.91	1.67	6.78	1.80
MW-106	06/05/01	On-site	14.11	5-15	2	8.50	6.77	1.73	6.63	1.87
MW-107	06/04/01	On-site	14.30	5-15	2	8.44	6.82	1.62	6.70	1.74
MW-108	06/04/01	On-site	14.17	5-15	2	8.82	7.30	1.52	7.19	1.63
MW-109	06/11/01	Off-site	34.60	25-35	2	1.21	0.76	0.45	1.61	-0.40
MW-110	06/12/01	Off-site	34.39	25-35	2	NA	1.23	NA	1.55	NA
MW-111	06/12/01	Off-site	34.30	25-35	2	NA	3.18	NA	3.47	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

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ACTIVE INDUSTRIAL UNIFORM, LINDENHURST, NEW YORK
MACTEC 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)	6/25/2003		10/2/2003	
							DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)	GROUND-WATER LEVEL ELEVATION (FT. RELATIVE TO MSL)	DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)	GROUND-WATER LEVEL ELEVATION (FT. RELATIVE TO MSL)
MW-101	06/05/01	On-site	14.22	5-15	2	8.83	6.26	2.57	7.36	1.47
MW-102	06/05/01	On-site	14.10	5-15	2	8.66	6.12	2.54	7.23	1.43
MW-103	06/05/01	On-site	13.26	5-15	2	8.57	6.09	2.48	7.21	1.36
MW-104	06/05/01	On-site	14.24	5-15	2	8.70	6.31	2.39	7.42	1.28
MW-105	06/05/01	On-site	14.23	5-15	2	8.58	6.18	2.40	7.29	1.29
MW-106	06/05/01	On-site	14.11	5-15	2	8.50	6.07	2.43	7.20	1.30
MW-107	06/04/01	On-site	14.30	5-15	2	8.44	6.11	2.33	7.17	1.27
MW-108	06/04/01	On-site	14.17	5-15	2	8.82	6.57	2.25	7.68	1.14
MW-109	06/11/01	Off-site	34.60	25-35	2	1.21	0.73	0.48	1.22	-0.01
MW-110	06/12/01	Off-site	34.39	25-35	2	NA	1.10	NA	1.63	NA
MW-111	06/12/01	Off-site	34.30	25-35	2	NA	2.72	NA	3.51	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:

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MACTEC 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)	1/7/2004		4/8/2004	
							DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)	GROUND-WATER LEVEL ELEVATION (FT. RELATIVE TO MSL)	DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)	GROUND-WATER LEVEL ELEVATION (FT. RELATIVE TO MSL)
MW-101	06/05/01	On-site	14.22	5-15	2	8.83	7.40	1.43	7.13	1.70
MW-102	06/05/01	On-site	14.10	5-15	2	8.66	7.26	1.40	6.98	1.68
MW-103	06/05/01	On-site	13.26	5-15	2	8.57	7.26	1.31	6.96	1.61
MW-104	06/05/01	On-site	14.24	5-15	2	8.70	7.49	1.21	7.23	1.47
MW-105	06/05/01	On-site	14.23	5-15	2	8.58	7.38	1.20	7.03	1.55
MW-106	06/05/01	On-site	14.11	5-15	2	8.50	7.19	1.31	6.94	1.56
MW-107	06/04/01	On-site	14.30	5-15	2	8.44	7.28	1.16	7.01	1.43
MW-108	06/04/01	On-site	14.17	5-15	2	8.82	7.76	1.06	7.47	1.35
MW-109	06/11/01	Off-site	34.60	25-35	2	1.21	2.00	-0.79	1.42	-0.21
MW-110	06/12/01	Off-site	34.39	25-35	2	NA	NM	NA	NM	NA
MW-111	06/12/01	Off-site	34.30	25-35	2	NA	3.92	NA	3.49	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

* Conditions at the well were artesian.

TABLE 1
GROUND-WATER ELEVATION DATA AND WELL CONSTRUCTION DETAILS
ACTIVE INDUSTRIAL UNIFORM, LINDENHURST, NEW YORK
MACTEC 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)	6/16/2004		10/1/2004	
							DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)	GROUND-WATER LEVEL ELEVATION (FT. RELATIVE TO MSL)	DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)	GROUND-WATER LEVEL ELEVATION (FT. RELATIVE TO MSL)
MW-101	06/05/01	On-site	14.22	5-15	2	8.83	7.36	1.47	5.97	2.86
MW-102	06/05/01	On-site	14.10	5-15	2	8.66	7.21	1.45	5.02	3.64
MW-103	06/05/01	On-site	13.26	5-15	2	8.57	7.21	1.36	5.79	2.78
MW-104	06/05/01	On-site	14.24	5-15	2	8.70	7.43	1.27	6.03	2.67
MW-105	06/05/01	On-site	14.23	5-15	2	8.58	7.28	1.30	5.88	2.70
MW-106	06/05/01	On-site	14.11	5-15	2	8.50	7.13	1.37	5.75	2.75
MW-107	06/04/01	On-site	14.30	5-15	2	8.44	7.21	1.23	5.78	2.66
MW-108	06/04/01	On-site	14.17	5-15	2	8.82	7.69	1.13	6.17	2.65
MW-109	06/11/01	Off-site	34.60	25-35	2	1.21	1.28	-0.07	0 *	NM *
MW-110	06/12/01	Off-site	34.39	25-35	2	NA	NM	NA	NM	NA
MW-111	06/12/01	Off-site	34.30	25-35	2	NA	3.53	NA	2.29	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

* Conditions at the well were artesian.

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

Sample Location:	Lab Sample ID:	Date Collected:	Units in ug/L	
MW-101	MW-102	10/1/2004	10/1/2004	10/1/2004
MW-103	MW-104	10/1/2004	10/1/2004	10/1/2004
MW-105	MW-106	10/1/2004	10/1/2004	10/1/2004
MW-116	NYSDEC Standards	10/1/2004	10/1/2004	10/1/2004

Vinyl Chloride	<0.51	<0.51	<0.51	<0.51	<0.51	9.27	9.21	2
Methylene Chloride	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	5
trans-1,2-Dichloroethene	<0.22	<0.22	<0.22	<0.22	<0.22	1.87	1.88	5
Methyl t-butyl ether	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	10
1,1-Dichloroethane	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	5
cis-1,2-Dichloroethene	<0.31	<0.31	<0.31	<0.31	<0.31	2.44	2.44	5
1,1,1-Trichloroethane	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	5
Trichloroethene	1.04	3.47	60.9	11	50	47.2	0.85	5
Toluene	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	5
Tetrachloroethene	6.02	11.7	75.6	1660	149	31.4	29.4	5
Ethylbenzene	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	5
o-xylene	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	0.74	5
m,p-xylene	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	5
Isopropylbenzene	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	5
n-Propylbenzene	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	5
p-Ethyltoluene	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	NA
1,3,5-Trimethylbenzene	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	5
1,2,4-Trimethylbenzene	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	5
2-Chlorotoluene	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	5
sec-Butylbenzene	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	5
p-Isopropyltoluene	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	5
1,2-Dichlorobenzene	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	5
p-Diethylbenzene	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	5
n-Butylbenzene	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	5
1,2,4,5-Tetramethylbenzene	<1.10	<1.10	<1.10	<1.10	<1.10	<1.10	<1.10	5
Naphthalene	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	10
Chloroform	<0.28	<0.28	<0.28	0.79	<0.28	<0.28	<0.28	7
Total VOCs								
	7.06	13.23	79.07	1730.19	165.58	374.20		

Notes:
ug/L - Micrograms per liter
< - Compound less than detection limit listed
VOCs - Volatile Organic Compounds
NS - Not Sampled
Bold Typeface - Concentration reported at or above NYSDEC standard
NA - Not Available
MW-116 is a duplicate sample for MW-106.

Prepared by: SC 11/15/04
Checked by: DJN 11/16/04

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

Constituent:	Sample Location:	MW-107	MW-108	MW-109	MW-110	MW-111	Field Blank	Trip Blank	NYSDEC Standards
Units in ug/L	Lab Sample ID:								
	Date Collected:	10/1/2004	10/1/2004	10/1/2004	10/1/2004	10/1/2004	10/1/2004	10/1/2004	
Vinyl Chloride		<0.51	<0.51	<0.51	NS	<0.51	NS	<0.51	2
Methylene Chloride		<0.29	<0.29	<0.29	NS	<0.29	NS	2.6	5
trans-1,2-Dichloroethene		<0.22	<0.22	<0.22	NS	<0.22	NS	<0.22	5
Methyl t-butyl ether		<0.49	<0.49	3.1	NS	<0.49	NS	<0.49	10
1,1-Dichloroethane		<0.21	<0.21	3.19	NS	<0.21	NS	<0.21	5
cis-1,2-Dichloroethene		16.7	2.24	3.13	NS	<0.31	NS	<0.31	5
1,1,1-Trichloroethane		<0.26	<0.26	<0.26	NS	<0.26	NS	<0.26	5
Trichloroethene		6.15	2.84	2.51	NS	<0.29	NS	<0.29	5
Toluene		<0.17	<0.17	<0.17	NS	<0.17	NS	<0.17	5
Tetrachloroethene		69.3	25.8	4.42	NS	<0.35	NS	<0.35	5
Ethylbenzene		<0.42	<0.42	<0.42	NS	<0.42	NS	<0.42	5
o-xylene		<0.26	<0.26	<0.26	NS	<0.26	NS	<0.26	5
m,p-xylene		<0.55	<0.55	<0.55	NS	<0.55	NS	<0.55	5
Isopropylbenzene		<0.38	<0.38	<0.38	NS	<0.38	NS	<0.38	5
n-Propylbenzene		<0.41	<0.41	<0.41	NS	<0.41	NS	<0.41	5
p-Ethyltoluene		<0.33	<0.33	<0.33	NS	<0.33	NS	<0.33	NA
1,3,5-Trimethylbenzene		<0.34	<0.34	<0.34	NS	<0.34	NS	<0.34	5
1,2,4-Trimethylbenzene		2.95	<0.27	<0.27	NS	<0.27	NS	<0.27	5
2-Chlorotoluene		<0.32	<0.32	<0.32	NS	<0.32	NS	<0.32	5
sec-Butylbenzene		<0.45	<0.45	<0.45	NS	<0.45	NS	<0.45	5
p-Isopropyltoluene		<0.40	<0.40	<0.40	NS	<0.40	NS	<0.40	5
1,2-Dichlorobenzene		<0.21	<0.21	1.07	NS	<0.21	NS	<0.21	5
p-Diethylbenzene		0.76	<0.40	<0.40	NS	<0.40	NS	<0.40	5
n-Butylbenzene		<0.46	<0.46	<0.46	NS	<0.46	NS	<0.46	5
1,2,4,5-Tetramethylbenzene		2.39	<1.10	<1.10	NS	<1.10	NS	<1.11	5
Naphthalene		2	<0.98	<0.98	NS	<0.98	NS	<0.99	10
Chloroform		<0.28	<0.28	<0.28	NS	<0.28	NS	<0.28	7
Total VOCs		100.25	30.88	17.42	0.00	0.00	0.00	2.60	

Notes:

ug/L - Micrograms per liter

< - Compound less than detection limit listed

VOCs - Volatile Organic Compounds

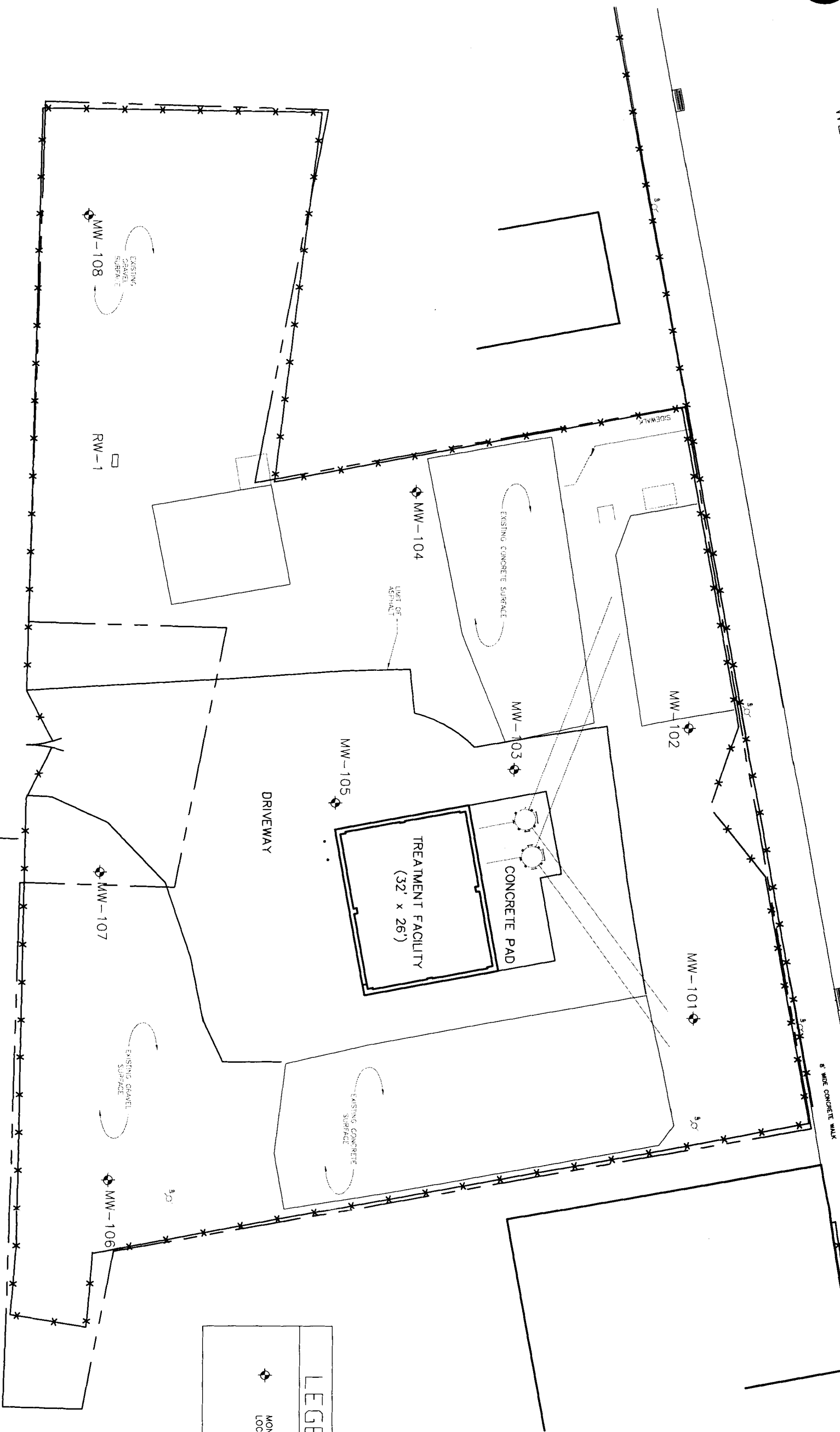
NS - Not Sampled

Bold Typeface - Concentration reported at or above NYSDEC standard

NA - Not Available



WEST MERRICK



IS LANE

DRIVEWAY

LEGEND

MONITORING WELL LOCATION

0 5 10 15 20
SCALE: 1" = 20'

ACTIVE INDUSTRIAL UNIFORM
LINDENHURST, NEW YORK



MACTEC
MACTEC Engineering and Consulting, Inc.
5205 Militia Hill Road
Plymouth Meeting, PA

PROJECT NO. 22000-1-0019
PREPARED: SC
CHECKED: DN

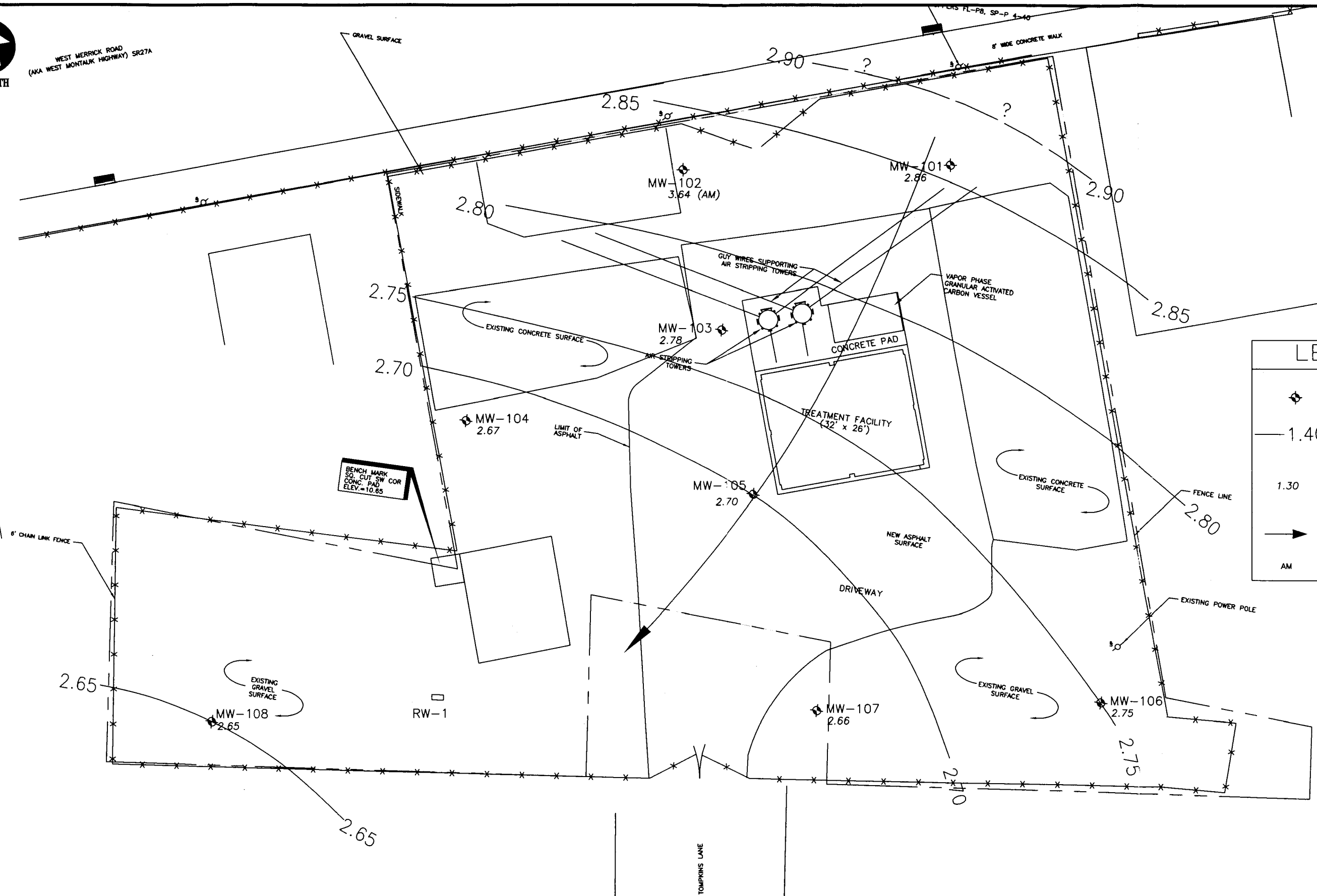
SITE PLAN (1A)

FIGURE 1



WEST MERRICK ROAD
(AKA WEST MONTAUK HIGHWAY) SR27A

FILE: F:\ACTIVE INDUSTRIAL UNIFORM\2004\2004 GW Refruct\OCT 2004\10:30:46AM



LEGEND	
	MONITORING WELL LOCATION
	GROUND-WATER ELEVATION CONTOUR (dashed where inferred)
1.30	GROUND-WATER ELEVATION (feet relative to mean sea level)
	GROUND-WATER FLOW DIRECTION
AM	Anomalous Measurement

0 5 10 15 20
SCALE: 1" = 20'

ACTIVE INDUSTRIAL UNIFORM
LINDENHURST, NEW YORK



MACTEC
MACTEC Engineering and Consulting, Inc.
5205 Militia Hill Road
Plymouth Meeting, PA

OCTOBER 2004
GROUNDWATER ELEVATION CONTOUR

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

FIGURE 2

Environmental Testing Laboratories, Inc.

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

11/05/2004

Custody Document: R7192

Received: 10/01/2004 17:15

Client: Blue Water

1610 New Highway
Farmingdale,
NY 11735

Project: Active Industrial

67 Montauk Hwy
Lindenhurst,
NY

Manager: E. Koch

Respectfully submitted,



Quality Assurance Officer

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

11/05/2004

Volatiles - EPA 8260B

Sample: R7192-1

Client Sample ID: MW-105

Collected: 10/01/2004 07:50

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1532-2326	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1532-2326	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1532-2326	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1532-2326	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1532-2326	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1532-2326	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1532-2326	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1532-2326	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1532-2326	0.32	0.32	ppb	U
67-64-1	Acetone	C 1532-2326	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1532-2326	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1532-2326	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C 1532-2326	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1532-2326	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1532-2326	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1532-2326	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C 1532-2326	0.31	5.58	ppb	
78-93-3	2-Butanone	C 1532-2326	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1532-2326	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1532-2326	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1532-2326	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1532-2326	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1532-2326	0.54	0.54	ppb	U
71-43-2	Benzene	C 1532-2326	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1532-2326	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1532-2326	0.29	11.0	ppb	
78-87-5	1,2-Dichloropropane	C 1532-2326	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1532-2326	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1532-2326	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1532-2326	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 1532-2326	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1532-2326	0.58	0.58	ppb	U
108-88-3	Toluene	C 1532-2326	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

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

11/05/2004

Volatiles - EPA 8260B

Sample: R7192-1

Client Sample ID: MW-105

Collected: 10/01/2004 07:50

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C 1532-2326	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1532-2326	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1532-2326	0.35	149	ppb	
142-28-9	1,3-Dichloropropane	C 1532-2326	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1532-2326	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1532-2326	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1532-2326	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1532-2326	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1532-2326	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1532-2326	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1532-2326	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1532-2326	0.26	0.26	ppb	U
100-42-5	Styrene	C 1532-2326	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1532-2326	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1532-2326	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1532-2326	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1532-2326	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1532-2326	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1532-2326	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1532-2326	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1532-2326	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1532-2326	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1532-2326	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1532-2326	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1532-2326	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1532-2326	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C 1532-2326	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1532-2326	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1532-2326	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1532-2326	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1532-2326	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1532-2326	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1532-2326	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

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

11/05/2004

Volatiles - EPA 8260B

Sample: R7192-1

Client Sample ID: MW-105

Collected: 10/01/2004 07:50

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C 1532-2326	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 1532-2326	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C 1532-2326	0.93	0.93	ppb	U
91-20-3	Naphthalene	C 1532-2326	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 1532-2326	0.60	0.60	ppb	U
994-05-8	TAME	C 1532-2326	0.25	0.25	ppb	U
75-65-0	Tertiary butyl alcohol	C 1532-2326	4.45	4.45	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1532-2326	101.0 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1532-2326	99.7 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1532-2326	98.2 %	(88 - 110)	



Environmental Testing Laboratories, Inc.

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

11/05/2004

Volatiles - EPA 8260B

Sample: R7192-2

Client Sample ID: MW-103

Collected: 10/01/2004 08:15

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1532-2327	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1532-2327	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1532-2327	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1532-2327	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1532-2327	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1532-2327	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1532-2327	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1532-2327	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1532-2327	0.32	0.32	ppb	U
67-64-1	Acetone	C 1532-2327	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1532-2327	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1532-2327	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C 1532-2327	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1532-2327	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1532-2327	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1532-2327	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C 1532-2327	0.31	0.31	ppb	U
78-93-3	2-Butanone	C 1532-2327	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1532-2327	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1532-2327	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1532-2327	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1532-2327	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1532-2327	0.54	0.54	ppb	U
71-43-2	Benzene	C 1532-2327	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1532-2327	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1532-2327	0.29	3.47	ppb	Y
78-87-5	1,2-Dichloropropane	C 1532-2327	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1532-2327	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1532-2327	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1532-2327	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 1532-2327	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1532-2327	0.58	0.58	ppb	U
108-88-3	Toluene	C 1532-2327	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

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

11/05/2004

Volatiles - EPA 8260B

Sample: R7192-2

Client Sample ID: MW-103

Collected: 10/01/2004 08:15

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C 1532-2327	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1532-2327	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1532-2327	0.35	75.6	ppb	
142-28-9	1,3-Dichloropropane	C 1532-2327	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1532-2327	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1532-2327	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1532-2327	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1532-2327	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1532-2327	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1532-2327	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1532-2327	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1532-2327	0.26	0.26	ppb	U
100-42-5	Styrene	C 1532-2327	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1532-2327	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1532-2327	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1532-2327	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1532-2327	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1532-2327	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1532-2327	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1532-2327	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1532-2327	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1532-2327	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1532-2327	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1532-2327	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1532-2327	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1532-2327	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C 1532-2327	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1532-2327	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1532-2327	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1532-2327	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1532-2327	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1532-2327	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1532-2327	1.10	1.10	ppb	U



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-2

Client Sample ID: MW-103

Collected: 10/01/2004 08:15

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C 1532-2327	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 1532-2327	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C 1532-2327	0.93	0.93	ppb	U
91-20-3	Naphthalene	C 1532-2327	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 1532-2327	0.60	0.60	ppb	U
994-05-8	TAME	C 1532-2327	0.25	0.25	ppb	U
75-65-0	Tertiary butyl alcohol	C 1532-2327	4.45	4.45	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1532-2327	102.0 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1532-2327	101.0 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1532-2327	99.5 %	(88 - 110)	



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-3

Client Sample ID: MW-101

Collected: 10/01/2004 08:40

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1532-2328	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1532-2328	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1532-2328	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1532-2328	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1532-2328	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1532-2328	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1532-2328	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1532-2328	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1532-2328	0.32	0.32	ppb	U
67-64-1	Acetone	C 1532-2328	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1532-2328	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1532-2328	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C 1532-2328	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1532-2328	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1532-2328	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1532-2328	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C 1532-2328	0.31	0.31	ppb	U
78-93-3	2-Butanone	C 1532-2328	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1532-2328	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1532-2328	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1532-2328	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1532-2328	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1532-2328	0.54	0.54	ppb	U
71-43-2	Benzene	C 1532-2328	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1532-2328	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1532-2328	0.29	1.04	ppb	Y
78-87-5	1,2-Dichloropropane	C 1532-2328	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1532-2328	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1532-2328	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1532-2328	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 1532-2328	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1532-2328	0.58	0.58	ppb	U
108-88-3	Toluene	C 1532-2328	0.17	0.17	ppb	U



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-3

Client Sample ID: MW-101

Collected: 10/01/2004 08:40

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C 1532-2328	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1532-2328	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1532-2328	0.35	6.02	ppb	
142-28-9	1,3-Dichloropropane	C 1532-2328	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1532-2328	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1532-2328	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1532-2328	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1532-2328	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1532-2328	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1532-2328	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1532-2328	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1532-2328	0.26	0.26	ppb	U
100-42-5	Styrene	C 1532-2328	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1532-2328	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1532-2328	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1532-2328	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1532-2328	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1532-2328	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1532-2328	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1532-2328	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1532-2328	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1532-2328	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1532-2328	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1532-2328	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1532-2328	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1532-2328	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C 1532-2328	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1532-2328	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1532-2328	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1532-2328	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1532-2328	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1532-2328	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1532-2328	1.10	1.10	ppb	U



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-3

Client Sample ID: MW-101

Collected: 10/01/2004 08:40

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C 1532-2328	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 1532-2328	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C 1532-2328	0.93	0.93	ppb	U
91-20-3	Naphthalene	C 1532-2328	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 1532-2328	0.60	0.60	ppb	U
994-05-8	TAME	C 1532-2328	0.25	0.25	ppb	U
75-65-0	Tertiary butyl alcohol	C 1532-2328	4.45	4.45	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1532-2328	101.0 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1532-2328	101.0 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1532-2328	98.6 %	(88 - 110)	



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-4

Client Sample ID: MW-102

Collected: 10/01/2004 09:05

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1532-2329	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1532-2329	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1532-2329	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1532-2329	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1532-2329	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1532-2329	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1532-2329	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1532-2329	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1532-2329	0.32	0.32	ppb	U
67-64-1	Acetone	C 1532-2329	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1532-2329	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1532-2329	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C 1532-2329	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1532-2329	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1532-2329	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1532-2329	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C 1532-2329	0.31	0.31	ppb	U
78-93-3	2-Butanone	C 1532-2329	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1532-2329	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1532-2329	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1532-2329	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1532-2329	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1532-2329	0.54	0.54	ppb	U
71-43-2	Benzene	C 1532-2329	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1532-2329	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1532-2329	0.29	1.53	ppb	Y
78-87-5	1,2-Dichloropropane	C 1532-2329	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1532-2329	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1532-2329	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1532-2329	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 1532-2329	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1532-2329	0.58	0.58	ppb	U
108-88-3	Toluene	C 1532-2329	0.17	0.17	ppb	U



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-4

Client Sample ID: MW-102

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Type: Grab

Collected: 10/01/2004 09:05

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C 1532-2329	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1532-2329	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1532-2329	0.35	11.7	ppb	
142-28-9	1,3-Dichloropropane	C 1532-2329	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1532-2329	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1532-2329	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1532-2329	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1532-2329	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1532-2329	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1532-2329	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1532-2329	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1532-2329	0.26	0.26	ppb	U
100-42-5	Styrene	C 1532-2329	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1532-2329	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1532-2329	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1532-2329	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1532-2329	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1532-2329	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1532-2329	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1532-2329	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1532-2329	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1532-2329	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1532-2329	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1532-2329	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1532-2329	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1532-2329	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C 1532-2329	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1532-2329	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1532-2329	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1532-2329	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1532-2329	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1532-2329	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1532-2329	1.10	1.10	ppb	U



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-4

Client Sample ID: MW-102

Collected: 10/01/2004 09:05

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C 1532-2329	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 1532-2329	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C 1532-2329	0.93	0.93	ppb	U
91-20-3	Naphthalene	C 1532-2329	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 1532-2329	0.60	0.60	ppb	U
994-05-8	TAME	C 1532-2329	0.25	0.25	ppb	U
75-65-0	Tertiary butyl alcohol	C 1532-2329	4.45	4.45	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1532-2329	101.0 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1532-2329	101.0 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1532-2329	99.3 %	(88 - 110)	



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-5

Client Sample ID: MW-104

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Type: Grab

Collected: 10/01/2004 09:30

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1532-2330	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1532-2330	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1532-2330	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1532-2330	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1532-2330	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1532-2330	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1532-2330	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1532-2330	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1532-2330	0.32	0.32	ppb	U
67-64-1	Acetone	C 1532-2330	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1532-2330	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1532-2330	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C 1532-2330	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1532-2330	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1532-2330	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1532-2330	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C 1532-2330	0.31	7.27	ppb	
78-93-3	2-Butanone	C 1532-2330	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1532-2330	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1532-2330	0.28	0.79	ppb	Y
71-55-6	1,1,1-Trichloroethane	C 1532-2330	0.26	1.23	ppb	Y
56-23-5	Carbon Tetrachloride	C 1532-2330	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1532-2330	0.54	0.54	ppb	U
71-43-2	Benzene	C 1532-2330	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1532-2330	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1532-2330	0.29	60.9	ppb	
78-87-5	1,2-Dichloropropane	C 1532-2330	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1532-2330	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1532-2330	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1532-2330	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 1532-2330	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1532-2330	0.58	0.58	ppb	U
108-88-3	Toluene	C 1532-2330	0.17	0.17	ppb	U



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-5

Client Sample ID: MW-104

Collected: 10/01/2004 09:30

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C 1532-2330	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1532-2330	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1534-2364	17.5	1660	ppb	
142-28-9	1,3-Dichloropropane	C 1532-2330	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1532-2330	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1532-2330	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1532-2330	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1532-2330	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1532-2330	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1532-2330	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1532-2330	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1532-2330	0.26	0.26	ppb	U
100-42-5	Styrene	C 1532-2330	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1532-2330	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1532-2330	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1532-2330	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1532-2330	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1532-2330	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1532-2330	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1532-2330	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1532-2330	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1532-2330	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1532-2330	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1532-2330	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1532-2330	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1532-2330	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C 1532-2330	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1532-2330	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1532-2330	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1532-2330	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1532-2330	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1532-2330	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1532-2330	1.10	1.10	ppb	U



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-5

Client Sample ID: MW-104

Collected: 10/01/2004 09:30

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C 1532-2330	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 1532-2330	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C 1532-2330	0.93	0.93	ppb	U
91-20-3	Naphthalene	C 1532-2330	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 1532-2330	0.60	0.60	ppb	U
994-05-8	TAME	C 1532-2330	0.25	0.25	ppb	U
75-65-0	Tertiary butyl alcohol	C 1532-2330	4.45	4.45	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1532-2330	102.0 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1532-2330	99.6 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1532-2330	100.0 %	(88 - 110)	
460-00-4	4-BROMOFLUOROBENZENE	C1534-2364	100.0 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1534-2364	97.5 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1534-2364	98.7 %	(88 - 110)	



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-6

Client Sample ID: MW-106

Collected: 10/01/2004 09:55

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1533-2350	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1533-2350	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1533-2350	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1533-2350	0.51	9.27	ppb	
74-83-9	Bromomethane	C 1533-2350	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1533-2350	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1533-2350	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1533-2350	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1533-2350	0.32	0.32	ppb	U
67-64-1	Acetone	C 1533-2350	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1533-2350	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1533-2350	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C 1533-2350	0.22	1.87	ppb	Y
1634-04-4	Methyl t-butyl ether	C 1533-2350	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1533-2350	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1533-2350	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C 1534-2365	1.55	281	ppb	
78-93-3	2-Butanone	C 1533-2350	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1533-2350	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1533-2350	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1533-2350	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1533-2350	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1533-2350	0.54	0.54	ppb	U
71-43-2	Benzene	C 1533-2350	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1533-2350	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1533-2350	0.29	50.0	ppb	
78-87-5	1,2-Dichloropropane	C 1533-2350	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1533-2350	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1533-2350	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1533-2350	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 1533-2350	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1533-2350	0.58	0.58	ppb	U
108-88-3	Toluene	C 1533-2350	0.17	0.66	ppb	Y



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-6

Client Sample ID: MW-106

Collected: 10/01/2004 09:55

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C 1533-2350	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1533-2350	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1533-2350	0.35	31.4	ppb	
142-28-9	1,3-Dichloropropane	C 1533-2350	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1533-2350	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1533-2350	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1533-2350	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1533-2350	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1533-2350	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1533-2350	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1533-2350	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1533-2350	0.26	0.26	ppb	U
100-42-5	Styrene	C 1533-2350	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1533-2350	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1533-2350	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1533-2350	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1533-2350	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1533-2350	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1533-2350	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1533-2350	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1533-2350	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1533-2350	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1533-2350	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1533-2350	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1533-2350	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1533-2350	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C 1533-2350	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1533-2350	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1533-2350	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1533-2350	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1533-2350	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1533-2350	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1533-2350	1.10	1.10	ppb	U



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-6

Client Sample ID: MW-106

Collected: 10/01/2004 09:55

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C 1533-2350	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 1533-2350	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C 1533-2350	0.93	0.93	ppb	U
91-20-3	Naphthalene	C 1533-2350	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 1533-2350	0.60	0.60	ppb	U
994-05-8	TAME	C 1533-2350	0.25	0.25	ppb	U
75-65-0	Tertiary butyl alcohol	C 1533-2350	4.45	4.45	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1533-2350	101.0 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1533-2350	96.8 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1533-2350	99.1 %	(88 - 110)	
460-00-4	4-BROMOFLUOROBENZENE	C1534-2365	98.9 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1534-2365	98.0 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1534-2365	99.2 %	(88 - 110)	



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-6MS

Client Sample ID: MW-106 MS

Collected: 10/01/2004 09:56

Matrix: Liquid

Type: Matrix Spike

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1533-2351	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1533-2351	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1533-2351	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1533-2351	0.51	9.30	ppb	
74-83-9	Bromomethane	C 1533-2351	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1533-2351	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1533-2351	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1533-2351	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1533-2351	0.32	49.6	ppb	
67-64-1	Acetone	C 1533-2351	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1533-2351	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1533-2351	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C 1533-2351	0.22	1.85	ppb	Y
1634-04-4	Methyl t-butyl ether	C 1533-2351	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1533-2351	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1533-2351	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C 1534-2366	1.55	257	ppb	
78-93-3	2-Butanone	C 1533-2351	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1533-2351	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1533-2351	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1533-2351	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1533-2351	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1533-2351	0.54	0.54	ppb	U
71-43-2	Benzene	C 1533-2351	0.27	48.4	ppb	
107-06-2	1,2-Dichloroethane	C 1533-2351	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1533-2351	0.29	96.9	ppb	
78-87-5	1,2-Dichloropropane	C 1533-2351	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1533-2351	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1533-2351	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1533-2351	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 1533-2351	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1533-2351	0.58	0.58	ppb	U
108-88-3	Toluene	C 1533-2351	0.17	52.1	ppb	



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-6MS

Client Sample ID: MW-106 MS

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Type: Matrix Spike

Collected: 10/01/2004 09:56

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C 1533-2351	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1533-2351	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1533-2351	0.35	29.3	ppb	
142-28-9	1,3-Dichloropropane	C 1533-2351	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1533-2351	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1533-2351	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1533-2351	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1533-2351	0.23	51.0	ppb	
630-20-6	1,1,1,2-Tetrachloroethane	C 1533-2351	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1533-2351	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1533-2351	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1533-2351	0.26	0.26	ppb	U
100-42-5	Styrene	C 1533-2351	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1533-2351	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1533-2351	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1533-2351	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1533-2351	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1533-2351	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1533-2351	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1533-2351	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1533-2351	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1533-2351	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1533-2351	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1533-2351	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1533-2351	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1533-2351	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C 1533-2351	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1533-2351	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1533-2351	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1533-2351	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1533-2351	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1533-2351	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1533-2351	1.10	1.10	ppb	U



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-6MS

Client Sample ID: MW-106 MS

Collected: 10/01/2004 09:56

Matrix: Liquid

Type: Matrix Spike

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C 1533-2351	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 1533-2351	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C 1533-2351	0.93	0.93	ppb	U
91-20-3	Naphthalene	C 1533-2351	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 1533-2351	0.60	0.60	ppb	U
994-05-8	TAME	C 1533-2351	0.25	0.25	ppb	U
75-65-0	Tertiary butyl alcohol	C 1533-2351	4.45	4.45	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1533-2351	100.0 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1533-2351	96.9 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1533-2351	100.0 %	(88 - 110)	
460-00-4	4-BROMOFLUOROBENZENE	C1534-2366	97.7 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1534-2366	96.2 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1534-2366	99.0 %	(88 - 110)	

Matrix Spike Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
75-35-4	1,1-DICHLOROETHENE	C1533-2351	99.2 %	(61 - 145)	
71-43-2	BENZENE	C1533-2351	96.8 %	(76 - 127)	
108-90-7	CHLOROBENZENE	C1533-2351	102.0 %	(75 - 130)	
108-88-3	TOLUENE	C1533-2351	103.0 %	(76 - 125)	
79-01-6	TRICHLOROETHENE	C1533-2351	93.8 %	(71 - 120)	



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-6MSD

Client Sample ID: MW-106 MSD

Collected: 10/01/2004 09:57

Matrix: Liquid

Type: Matrix Spike Dup

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1533-2352	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1533-2352	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1533-2352	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1533-2352	0.51	9.01	ppb	
74-83-9	Bromomethane	C 1533-2352	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1533-2352	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1533-2352	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1533-2352	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1533-2352	0.32	52.5	ppb	
67-64-1	Acetone	C 1533-2352	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1533-2352	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1533-2352	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C 1533-2352	0.22	1.77	ppb	Y
1634-04-4	Methyl t-butyl ether	C 1533-2352	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1533-2352	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1533-2352	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C 1534-2367	1.55	256	ppb	
78-93-3	2-Butanone	C 1533-2352	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1533-2352	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1533-2352	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1533-2352	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1533-2352	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1533-2352	0.54	0.54	ppb	U
71-43-2	Benzene	C 1533-2352	0.27	51.4	ppb	
107-06-2	1,2-Dichloroethane	C 1533-2352	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1533-2352	0.29	99.2	ppb	
78-87-5	1,2-Dichloropropane	C 1533-2352	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1533-2352	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1533-2352	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1533-2352	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 1533-2352	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1533-2352	0.58	0.58	ppb	U
108-88-3	Toluene	C 1533-2352	0.17	54.3	ppb	



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-6MSD

Client Sample ID: MW-106 MSD

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Type: Matrix Spike Dup

Collected: 10/01/2004 09:57

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C 1533-2352	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1533-2352	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1533-2352	0.35	29.7	ppb	
142-28-9	1,3-Dichloropropane	C 1533-2352	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1533-2352	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1533-2352	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1533-2352	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1533-2352	0.23	54.2	ppb	
630-20-6	1,1,1,2-Tetrachloroethane	C 1533-2352	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1533-2352	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1533-2352	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1533-2352	0.26	0.26	ppb	U
100-42-5	Styrene	C 1533-2352	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1533-2352	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1533-2352	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1533-2352	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1533-2352	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1533-2352	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1533-2352	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1533-2352	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1533-2352	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1533-2352	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1533-2352	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1533-2352	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1533-2352	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1533-2352	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C 1533-2352	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1533-2352	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1533-2352	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1533-2352	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1533-2352	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1533-2352	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1533-2352	1.10	1.10	ppb	U



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-6MSD

Client Sample ID: MW-106 MSD

Collected: 10/01/2004 09:57

Matrix: Liquid

Type: Matrix Spike Dup

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C 1533-2352	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 1533-2352	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C 1533-2352	0.93	0.93	ppb	U
91-20-3	Naphthalene	C 1533-2352	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 1533-2352	0.60	0.60	ppb	U
994-05-8	TAME	C 1533-2352	0.25	0.25	ppb	U
75-65-0	Tertiary butyl alcohol	C 1533-2352	4.45	4.45	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1533-2352	99.6 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1533-2352	96.2 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1533-2352	99.1 %	(88 - 110)	
460-00-4	4-BROMOFLUOROBENZENE	C1534-2367	97.5 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1534-2367	95.8 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1534-2367	98.4 %	(88 - 110)	

Matrix Spike Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
75-35-4	1,1-DICHLOROETHENE	C1533-2352	105.0 %	(61 - 145)	
71-43-2	BENZENE	C1533-2352	103.0 %	(76 - 127)	
108-90-7	CHLOROBENZENE	C1533-2352	108.0 %	(75 - 130)	
108-88-3	TOLUENE	C1533-2352	107.0 %	(76 - 125)	
79-01-6	TRICHLOROETHENE	C1533-2352	98.4 %	(71 - 120)	



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

11/05/2004

Volatiles - EPA 8260B

Sample: R7192-7

Client Sample ID: MW-116

Collected: 10/01/2004 09:58

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1533-2353	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1533-2353	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1533-2353	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1533-2353	0.51	9.21	ppb	
74-83-9	Bromomethane	C 1533-2353	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1533-2353	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1533-2353	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1533-2353	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1533-2353	0.32	0.32	ppb	U
67-64-1	Acetone	C 1533-2353	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1533-2353	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1533-2353	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C 1533-2353	0.22	1.88	ppb	Y
1634-04-4	Methyl t-butyl ether	C 1533-2353	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1533-2353	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1533-2353	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C 1534-2368	1.55	244	ppb	
78-93-3	2-Butanone	C 1533-2353	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1533-2353	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1533-2353	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1533-2353	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1533-2353	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1533-2353	0.54	0.54	ppb	U
71-43-2	Benzene	C 1533-2353	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1533-2353	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1533-2353	0.29	47.2	ppb	
78-87-5	1,2-Dichloropropane	C 1533-2353	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1533-2353	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1533-2353	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1533-2353	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 1533-2353	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1533-2353	0.58	0.58	ppb	U
108-88-3	Toluene	C 1533-2353	0.17	0.85	ppb	Y



Environmental Testing Laboratories, Inc.

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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-7

Client Sample ID: MW-116

Collected: 10/01/2004 09:58

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C 1533-2353	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1533-2353	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1533-2353	0.35	29.4	ppb	
142-28-9	1,3-Dichloropropane	C 1533-2353	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1533-2353	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1533-2353	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1533-2353	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1533-2353	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1533-2353	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1533-2353	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1533-2353	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1533-2353	0.26	0.74	ppb	Y
100-42-5	Styrene	C 1533-2353	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1533-2353	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1533-2353	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1533-2353	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1533-2353	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1533-2353	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1533-2353	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1533-2353	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1533-2353	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1533-2353	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1533-2353	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1533-2353	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1533-2353	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1533-2353	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C 1533-2353	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1533-2353	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1533-2353	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1533-2353	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1533-2353	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1533-2353	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1533-2353	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-7

Client Sample ID: MW-116

Collected: 10/01/2004 09:58

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1533-2353	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1533-2353	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1533-2353	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1533-2353	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C1533-2353	0.60	0.60	ppb	U
994-05-8	TAME	C1533-2353	0.25	0.25	ppb	U
75-65-0	Tertiary butyl alcohol	C1533-2353	4.45	4.45	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1533-2353	100.0 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1533-2353	96.4 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1533-2353	99.2 %	(88 - 110)	
460-00-4	4-BROMOFLUOROBENZENE	C1534-2368	98.7 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1534-2368	97.3 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1534-2368	98.0 %	(88 - 110)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-8

Client Sample ID: MW-107

Collected: 10/01/2004 10:20

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/06/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1534-2369	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1534-2369	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1534-2369	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1534-2369	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1534-2369	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1534-2369	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1534-2369	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1534-2369	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1534-2369	0.32	0.32	ppb	U
67-64-1	Acetone	C 1534-2369	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1534-2369	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1534-2369	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C 1534-2369	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1534-2369	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1534-2369	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1534-2369	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C 1534-2369	0.31	16.7	ppb	
78-93-3	2-Butanone	C 1534-2369	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1534-2369	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1534-2369	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1534-2369	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1534-2369	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1534-2369	0.54	0.54	ppb	U
71-43-2	Benzene	C 1534-2369	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1534-2369	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1534-2369	0.29	6.15	ppb	
78-87-5	1,2-Dichloropropane	C 1534-2369	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1534-2369	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1534-2369	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1534-2369	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 1534-2369	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1534-2369	0.58	0.58	ppb	U
108-88-3	Toluene	C 1534-2369	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

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

11/05/2004

Volatiles - EPA 8260B

Sample: R7192-8

Client Sample ID: MW-107

Collected: 10/01/2004 10:20

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/06/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C 1534-2369	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1534-2369	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1534-2369	0.35	69.3	ppb	
142-28-9	1,3-Dichloropropane	C 1534-2369	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1534-2369	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1534-2369	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1534-2369	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1534-2369	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1534-2369	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1534-2369	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1534-2369	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1534-2369	0.26	0.26	ppb	U
100-42-5	Styrene	C 1534-2369	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1534-2369	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1534-2369	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1534-2369	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1534-2369	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1534-2369	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1534-2369	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1534-2369	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1534-2369	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1534-2369	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1534-2369	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1534-2369	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1534-2369	0.27	2.95	ppb	Y
135-98-8	sec-Butylbenzene	C 1534-2369	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C 1534-2369	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1534-2369	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1534-2369	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1534-2369	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1534-2369	0.40	0.76	ppb	Y
104-51-8	n-Butylbenzene	C 1534-2369	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1534-2369	1.10	2.39	ppb	Y



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-8

Client Sample ID: MW-107

Collected: 10/01/2004 10:20

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/06/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C 1534-2369	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 1534-2369	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C 1534-2369	0.93	0.93	ppb	U
91-20-3	Naphthalene	C 1534-2369	0.98	2.00	ppb	Y
87-61-6	1,2,3-Trichlorobenzene	C 1534-2369	0.60	0.60	ppb	U
994-05-8	TAME	C 1534-2369	0.25	0.25	ppb	U
75-65-0	Tertiary butyl alcohol	C 1534-2369	4.45	4.45	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1534-2369	99.3 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1534-2369	97.7 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1534-2369	101.0 %	(88 - 110)	



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-9

Client Sample ID: MW-108

Collected: 10/01/2004 10:45

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/06/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1534-2370	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1534-2370	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1534-2370	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1534-2370	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1534-2370	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1534-2370	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1534-2370	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1534-2370	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1534-2370	0.32	0.32	ppb	U
67-64-1	Acetone	C 1534-2370	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1534-2370	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1534-2370	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C 1534-2370	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1534-2370	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1534-2370	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1534-2370	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C 1534-2370	0.31	2.24	ppb	Y
78-93-3	2-Butanone	C 1534-2370	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1534-2370	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1534-2370	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1534-2370	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1534-2370	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1534-2370	0.54	0.54	ppb	U
71-43-2	Benzene	C 1534-2370	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1534-2370	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1534-2370	0.29	2.84	ppb	Y
78-87-5	1,2-Dichloropropane	C 1534-2370	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1534-2370	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1534-2370	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1534-2370	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 1534-2370	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1534-2370	0.58	0.58	ppb	U
108-88-3	Toluene	C 1534-2370	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-9

Client Sample ID: MW-108

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 10/06/2004

Type: Grab

Collected: 10/01/2004 10:45

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C 1534-2370	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1534-2370	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1534-2370	0.35	25.8	ppb	
142-28-9	1,3-Dichloropropane	C 1534-2370	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1534-2370	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1534-2370	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1534-2370	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1534-2370	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1534-2370	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1534-2370	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1534-2370	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1534-2370	0.26	0.26	ppb	U
100-42-5	Styrene	C 1534-2370	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1534-2370	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1534-2370	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1534-2370	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1534-2370	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1534-2370	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1534-2370	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1534-2370	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1534-2370	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1534-2370	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1534-2370	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1534-2370	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1534-2370	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1534-2370	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C 1534-2370	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1534-2370	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1534-2370	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1534-2370	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1534-2370	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1534-2370	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1534-2370	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-9

Client Sample ID: MW-108

Collected: 10/01/2004 10:45

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/06/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C 1534-2370	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 1534-2370	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C 1534-2370	0.93	0.93	ppb	U
91-20-3	Naphthalene	C 1534-2370	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 1534-2370	0.60	0.60	ppb	U
994-05-8	TAME	C 1534-2370	0.25	0.25	ppb	U
75-65-0	Tertiary butyl alcohol	C 1534-2370	4.45	4.45	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1534-2370	99.9 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1534-2370	98.8 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1534-2370	98.6 %	(88 - 110)	



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-10

Client Sample ID: MW-111

Collected: 10/01/2004 11:35

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/06/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1534-2371	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1534-2371	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1534-2371	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1534-2371	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1534-2371	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1534-2371	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1534-2371	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1534-2371	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1534-2371	0.32	0.32	ppb	U
67-64-1	Acetone	C 1534-2371	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1534-2371	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1534-2371	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C 1534-2371	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1534-2371	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1534-2371	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1534-2371	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C 1534-2371	0.31	0.31	ppb	U
78-93-3	2-Butanone	C 1534-2371	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1534-2371	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1534-2371	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1534-2371	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1534-2371	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1534-2371	0.54	0.54	ppb	U
71-43-2	Benzene	C 1534-2371	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1534-2371	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1534-2371	0.29	0.29	ppb	U
78-87-5	1,2-Dichloropropane	C 1534-2371	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1534-2371	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1534-2371	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1534-2371	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 1534-2371	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1534-2371	0.58	0.58	ppb	U
108-88-3	Toluene	C 1534-2371	0.17	0.17	ppb	U



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-10

Client Sample ID: MW-111

Collected: 10/01/2004 11:35

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/06/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C 1534-2371	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1534-2371	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1534-2371	0.35	0.35	ppb	U
142-28-9	1,3-Dichloropropane	C 1534-2371	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1534-2371	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1534-2371	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1534-2371	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1534-2371	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1534-2371	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1534-2371	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1534-2371	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1534-2371	0.26	0.26	ppb	U
100-42-5	Styrene	C 1534-2371	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1534-2371	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1534-2371	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1534-2371	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1534-2371	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1534-2371	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1534-2371	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1534-2371	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1534-2371	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1534-2371	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1534-2371	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1534-2371	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1534-2371	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1534-2371	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C 1534-2371	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1534-2371	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1534-2371	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1534-2371	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1534-2371	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1534-2371	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1534-2371	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

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

11/05/2004

Volatiles - EPA 8260B

Sample: R7192-10

Client Sample ID: MW-111

Collected: 10/01/2004 11:35

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/06/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C 1534-2371	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 1534-2371	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C 1534-2371	0.93	0.93	ppb	U
91-20-3	Naphthalene	C 1534-2371	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 1534-2371	0.60	0.60	ppb	U
994-05-8	TAME	C 1534-2371	0.25	0.25	ppb	U
75-65-0	Tertiary butyl alcohol	C 1534-2371	4.45	4.45	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1534-2371	99.3 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1534-2371	98.9 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1534-2371	99.0 %	(88 - 110)	



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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-11

Client Sample ID: MW-109

Collected: 10/01/2004 12:15

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/06/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1534-2372	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1534-2372	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1534-2372	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1534-2372	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1534-2372	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1534-2372	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1534-2372	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1534-2372	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1534-2372	0.32	0.32	ppb	U
67-64-1	Acetone	C 1534-2372	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1534-2372	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1534-2372	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C 1534-2372	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1534-2372	0.49	3.10	ppb	Y
75-34-3	1,1-Dichloroethane	C 1534-2372	0.21	3.19	ppb	Y
590-20-7	2,2-Dichloropropane	C 1534-2372	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C 1534-2372	0.31	3.13	ppb	Y
78-93-3	2-Butanone	C 1534-2372	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1534-2372	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1534-2372	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1534-2372	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1534-2372	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1534-2372	0.54	0.54	ppb	U
71-43-2	Benzene	C 1534-2372	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1534-2372	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1534-2372	0.29	2.51	ppb	Y
78-87-5	1,2-Dichloropropane	C 1534-2372	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1534-2372	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1534-2372	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1534-2372	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 1534-2372	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1534-2372	0.58	0.58	ppb	U
108-88-3	Toluene	C 1534-2372	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

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11/05/2004

Volatiles - EPA 8260B

Sample: R7192-11

Client Sample ID: MW-109

Collected: 10/01/2004 12:15

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 10/06/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C 1534-2372	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1534-2372	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1534-2372	0.35	4.42	ppb	Y
142-28-9	1,3-Dichloropropane	C 1534-2372	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1534-2372	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1534-2372	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1534-2372	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1534-2372	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1534-2372	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1534-2372	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1534-2372	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1534-2372	0.26	0.26	ppb	U
100-42-5	Styrene	C 1534-2372	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1534-2372	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1534-2372	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1534-2372	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1534-2372	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1534-2372	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1534-2372	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1534-2372	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1534-2372	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1534-2372	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1534-2372	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1534-2372	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1534-2372	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1534-2372	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C 1534-2372	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1534-2372	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1534-2372	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1534-2372	0.21	1.07	ppb	Y
105-05-5	p-Diethylbenzene	C 1534-2372	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1534-2372	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1534-2372	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

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

11/05/2004

Volatiles - EPA 8260B

Sample: R7192-11

Client Sample ID: MW-109

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 10/06/2004

Type: Grab

Collected: 10/01/2004 12:15

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C 1534-2372	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 1534-2372	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C 1534-2372	0.93	0.93	ppb	U
91-20-3	Naphthalene	C 1534-2372	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 1534-2372	0.60	0.60	ppb	U
994-05-8	TAME	C 1534-2372	0.25	0.25	ppb	U
75-65-0	Tertiary butyl alcohol	C 1534-2372	4.45	4.45	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1534-2372	98.6 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1534-2372	99.2 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1534-2372	99.1 %	(88 - 110)	



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

11/05/2004

Volatiles - EPA 8260B

Sample: R7192-12

Client Sample ID: Trip Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Type: Blank

Collected: 10/01/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1532-2325	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1532-2325	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1532-2325	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1532-2325	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1532-2325	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1532-2325	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1532-2325	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1532-2325	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1532-2325	0.32	0.32	ppb	U
67-64-1	Acetone	C 1532-2325	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1532-2325	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1532-2325	0.29	2.60	ppb	Y
156-60-5	t-1,2-Dichloroethene	C 1532-2325	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1532-2325	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1532-2325	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1532-2325	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C 1532-2325	0.31	0.31	ppb	U
78-93-3	2-Butanone	C 1532-2325	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1532-2325	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1532-2325	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1532-2325	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1532-2325	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1532-2325	0.54	0.54	ppb	U
71-43-2	Benzene	C 1532-2325	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1532-2325	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1532-2325	0.29	0.29	ppb	U
78-87-5	1,2-Dichloropropane	C 1532-2325	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1532-2325	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1532-2325	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1532-2325	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 1532-2325	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1532-2325	0.58	0.58	ppb	U
108-88-3	Toluene	C 1532-2325	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

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

11/05/2004

Volatiles - EPA 8260B

Sample: R7192-12

Client Sample ID: Trip Blank

Collected: 10/01/2004

Matrix: Liquid

Type: Blank

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C 1532-2325	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1532-2325	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1532-2325	0.35	0.35	ppb	U
142-28-9	1,3-Dichloropropane	C 1532-2325	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1532-2325	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1532-2325	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1532-2325	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1532-2325	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1532-2325	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1532-2325	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1532-2325	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1532-2325	0.26	0.26	ppb	U
100-42-5	Styrene	C 1532-2325	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1532-2325	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1532-2325	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1532-2325	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1532-2325	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1532-2325	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1532-2325	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1532-2325	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1532-2325	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1532-2325	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1532-2325	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1532-2325	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1532-2325	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1532-2325	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C 1532-2325	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1532-2325	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1532-2325	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1532-2325	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1532-2325	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1532-2325	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1532-2325	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

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

11/05/2004

Volatiles - EPA 8260B

Sample: R7192-12

Client Sample ID: Trip Blank

Collected: 10/01/2004

Matrix: Liquid

Type: Blank

Remarks: See Case Narrative

Analyzed Date: 10/05/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C 1532-2325	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 1532-2325	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C 1532-2325	0.93	0.93	ppb	U
91-20-3	Naphthalene	C 1532-2325	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 1532-2325	0.60	0.60	ppb	U
994-05-8	TAME	C 1532-2325	0.25	0.25	ppb	U
75-65-0	Tertiary butyl alcohol	C 1532-2325	4.45	4.45	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1532-2325	99.5 %	(86 - 115)	
4774-33-8	DIBROMOFLUOROMETHANE	C1532-2325	99.6 %	(86 - 118)	
2037-26-5	TOLUENE-D8	C1532-2325	99.6 %	(88 - 110)	



Environmental Testing Laboratories, Inc.

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11/05/2004

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

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-Chloroethylvinylether 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.



Environmental Testing Laboratories, Inc.

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11/05/2004

ORGANIC METHOD QUALIFIERS

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

- U - The analytical result is not detected above the Method Detection Limit (MDL).
All MDL's are lower than the lowest calibration standard concentration.
- J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit (MDL).
- Y - Indicates an estimated value. The concentration reported was detected below the lowest calibration standard concentration.
- 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 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 above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

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



Comments:

$$\underline{9.4 \times .16 = 1.5 \times 3 = 4.5}$$

Comments: Slight Turbidity, petro odor.

Comments: clear, slight petto odor

Comments: Clean

Comments: clear, Petro. odor

Comments:

Comments: Clear, No odor