

July 8, 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 first 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 April 8, 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 has been paved over by the municipality and was not sampled as a result. 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 2.00 feet below top of casing (TOC) to 8.13 feet below TOC. Ground-water measurements and elevations are shown in Table 1.

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

Ground-water samples collected from the 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 as well as field blank and trip blank were submitted to the laboratory for analysis for quality assurance/quality control (QA/QC) purposes. Table 2 summarizes the results of the VOCs analyses. Copies of the laboratory analytical reports are provided in Appendix A. Copies of ground-water sampling logs are provided in Appendix B.

SUMMARY OF RESULTS

Ground-Water Flow

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

Ground-Water Sampling

Analytical results of ground-water samples collected during the April 8, 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 3.57 to 1,193.67 micrograms per liter (ug/L). As shown in Table 2, several VOCs were detected at concentrations above NYSDEC ground-water standards. Wells MW-102, MW-103, MW-104, MW-105, MW-106, MW-107 and MW-108 had 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 (1,193.67 ug/L and 592.94 ug/L, respectively). The VOC detected at the highest concentration in well MW-104 was tetrachloroethene (1,160 ug/L). The VOC detected at the highest concentration in well MW-106 was cis-1,2-dichloroethene (366 ug/L). Vinyl chloride (2.65), trichloroethene (133 ug/L) and tetrachloroethene (89.1 ug/L) were also reported at concentrations above NYSDEC ground-water quality standards in MW-106. In addition, trichloroethene (28.7 ug/L) was reported at a concentration above the NYSDEC ground-water quality standard in MW-104. No VOCs were reported at concentrations above NYSDEC ground-water quality standards in on-site well MW-101.

The concentrations of total VOCs detected in off-site monitoring wells MW-109 and MW-111, were 18.25 ug/L, and 3.78 ug/L, respectively (Table 2). MW-109 had one VOC reported at a concentration above the NYSDEC ground-water quality standards. Tetrachloroethene was reported at a concentration of 5.21 ug/L. 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 (1,193.67 ug/L) and MW-106 (592.94 ug/L) (Table 2).
- The VOCs reported at the highest concentrations above NYSDEC ground-water quality standards were cis-1,2-dichloroethene, tetrachloroethene, and trichloroethene.
- Off-site monitoring wells MW-109 had tetrachloroethene reported at concentration above NYSDEC ground-water quality standards (5.21 ug/L).
- Quarterly sampling will continue during operation of the ground-water remediation system.

CLOSING

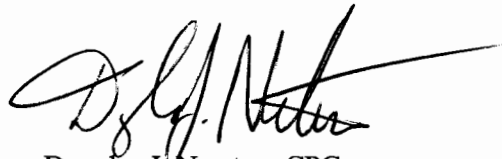
We appreciate the opportunity to assist Blue Water Environmental with this project. If you have any questions or need additional information, please do not hesitate to call us.

Sincerely,

MACTEC ENGINEERING AND CONSULTING, INC.



Stephan Cap
Staff II Environmental 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	06/05/01	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

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	
							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)	DEPTH TO GROUND-WATER (FT. BELOW TOP OF PVC CASING)
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:

NM - Not Measured

NA - Not Available

FT. BGS-feet below ground surface

FT. TOC - feet below top of pvc casing

MSL-mean sea level

SC

DJN

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)	12/16/2002		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

Notes:

NM - Not Measured

NA - Not Available

FT. BGS-feet below ground surface

FT. TOC - feet below top of pvc casing

MSL-mean sea level

TABLE 1
GROUND-WATER ELEVATION DATA AND WELL CONSTRUCTION DETAILS
ACTIVE INDUSTRIAL UNIFORM, LINDENHURST, NEW YORK
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:

NM - Not Measured

NA - Not Available

FT. BGS-feet below ground surface

FT. TOC - feet below top of pvc casing

MSL-mean sea level

TABLE 1
GROUND-WATER ELEVATION DATA AND WELL CONSTRUCTION DETAILS
ACTIVE INDUSTRIAL UNIFORM, LINDENHURST, NEW YORK
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 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

SC
DJN

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: Units in ug/L	Sample Location: Lab Sample ID:		Date Collected:		MW-101	MW-102	MW-103	MW-104	MW-105	MW-106	MW-116	NYSDEC Standards
					4/8/2004	4/8/2004	4/8/2004	4/8/2004	4/8/2004	4/8/2004	4/8/2004	
Vinyl Chloride	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	2.65	7.22	2
Methylene Chloride	<0.29	<0.29	<0.29	<0.29	<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	<0.22	<0.22	<0.22	<0.22	2.19	2.19	5
Methyl t-butyl ether	<0.49	<0.49	<0.49	<0.49	<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	<0.21	<0.21	<0.21	<0.21	5
cis-1,2-Dichloroethene	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	4.18	1.36	366	307	307	5
1,1,1-Trichloroethane	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	0.79	<0.26	<0.26	<0.26	<0.26	5
Trichloroethene TCE	1.09	1.3	1.07	28.7	1.8	133	70.4	0.92	5	5	5	5
Toluene	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	5
Tetrachloroethene PCE	2.48	7.7	13.6	1160	15	89.1	46	<0.42	<0.42	<0.42	<0.42	5
Ethylbenzene	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	0.77	5
o-xylene	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	5
m,p-xylene	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	NA
Isopropylbenzene	<0.41	<0.41	1.64	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	5
n-Propylbenzene	<0.33	<0.33	1.17	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	NA
p-Ethyltoluene	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	NA
1,3,5-Trimethylbenzene	<0.27	<0.27	3.96	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	5
1,2,4-Trimethylbenzene	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	NA
2-Chlorotoluene	<0.45	<0.45	1.86	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	5
sec-Butylbenzene	<0.40	<0.40	0.64	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	5
p-Isopropyltoluene	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	5
1,2-Dichlorobenzene	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	5
p-Diethylbenzene	<0.46	<0.46	2.04	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	NA
n-Butylbenzene	<1.10	<1.10	12.6	<1.10	<1.10	<1.10	<1.10	<1.10	<1.10	<1.10	<1.10	5
1,2,4,5-Tetramethylbenzene	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	<0.98	10
Naphthalene												
Total VOCs	3.57	9.00	38.58	1193.67	18.82	592.94						

Notes:
ug/L - Micrograms per liter
< - Compound less than detection limit listed
VOCs - Volatile Organic Compounds
NS - No Standard
Bold Typeface - Concentration reported at or above NYSDEC standard
NA - Not Available

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

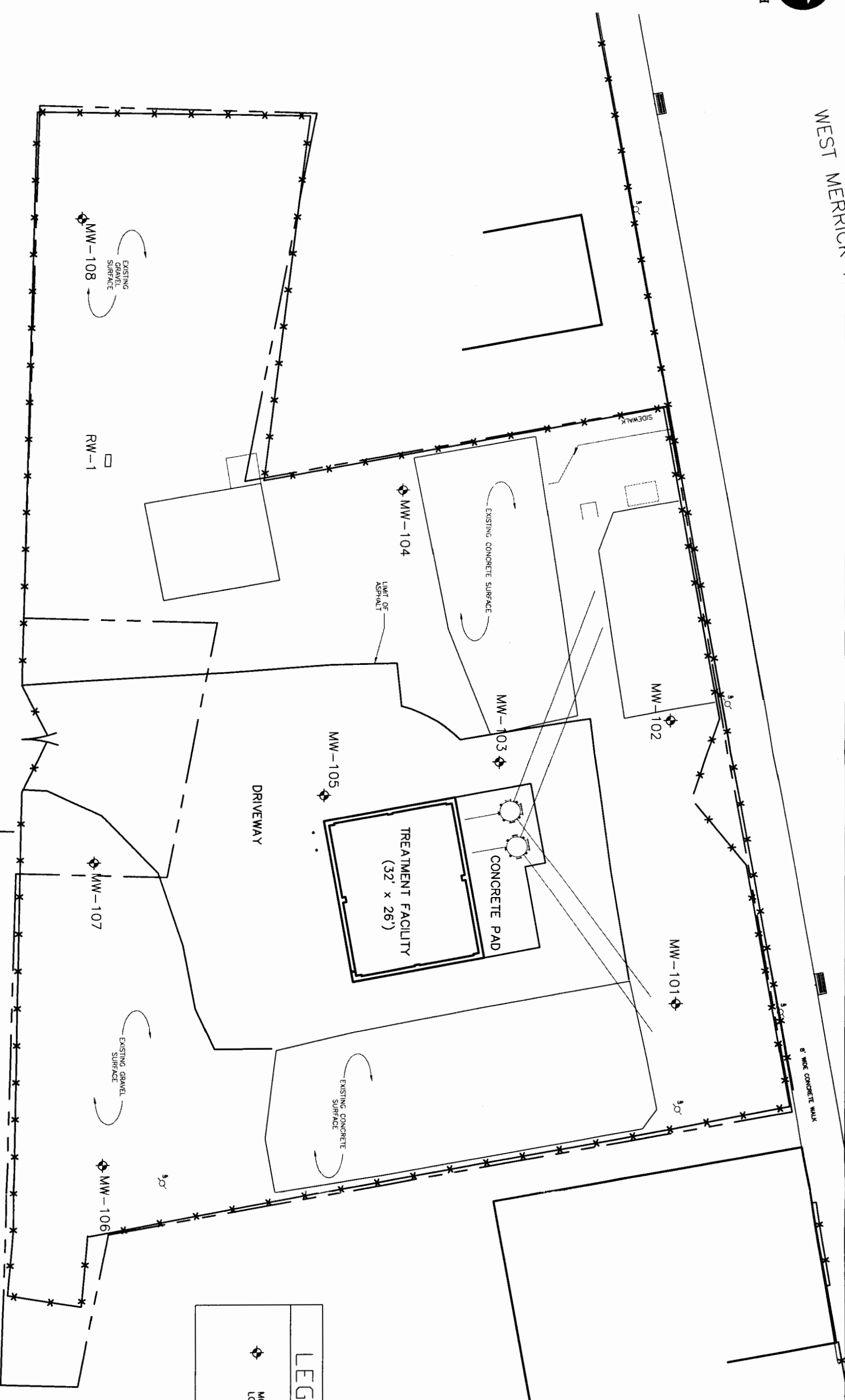
Constituent: Units in ug/L	Sample Location: Lab Sample ID: Date Collected:	MW-107 4/8/2004	MW-108 4/8/2004	MW-109 4/8/2004	MW-110 4/8/2004	MW-111 4/8/2004	Field Blank 4/8/2004	Trip Blank 4/8/2004	NYSDEC Standards
Vinyl Chloride		0.88	<0.51	<0.51	NS	<0.51	<0.51	<0.51	2
Methylene Chloride		<0.29	<0.29	<0.29	NS	<0.29	<0.29	<0.29	5
trans-1,2-Dichloroethene		<0.22	<0.22	<0.22	NS	<0.22	<0.22	<0.22	5
Methyl t-butyl ether		<0.49	<0.49	3.73	NS	3.78	<0.49	<0.49	10
1,1-Dichloroethane		<0.21	<0.21	2.71	NS	<0.21	<0.21	<0.21	5
cis-1,2-Dichloroethane		16.4	0.69	3.1	NS	<0.31	<0.31	<0.31	5
1,1,1-Trichloroethane		0.53	<0.26	<0.26	NS	<0.26	<0.26	<0.26	5
Trichloroethene		7.95	0.65	2.5	NS	<0.29	<0.29	<0.29	5
Toluene		<0.17	<0.17	<0.17	NS	<0.17	<0.17	<0.17	5
Tetrachloroethene		43.6	7.03	5.21	NS	<0.35	<0.35	<0.35	5
Ethylbenzene		<0.42	<0.42	<0.42	NS	<0.42	<0.42	<0.42	5
o-xylene		<0.26	<0.26	<0.26	NS	<0.26	<0.26	<0.26	5
m,p-xylene		<0.55	<0.55	<0.55	NS	<0.55	<0.55	<0.55	5
Isopropylbenzene		<0.38	<0.38	<0.38	NS	<0.38	<0.38	<0.38	NA
n-Propylbenzene		<0.41	<0.41	<0.41	NS	<0.41	<0.41	<0.41	5
p-Ethyltoluene		<0.33	<0.33	<0.33	NS	<0.33	<0.33	<0.33	NA
1,3,5-Trimethylbenzene		<0.34	<0.34	<0.34	NS	<0.34	<0.34	<0.34	NA
1,2,4-Trimethylbenzene		2.56	<0.27	<0.27	NS	<0.27	<0.27	<0.27	5
2-Chlorotoluene		<0.32	<0.32	<0.32	NS	<0.32	<0.32	<0.32	NA
sec-Butylbenzene		1.34	<0.45	<0.45	NS	<0.45	<0.45	<0.45	5
p-Isopropyltoluene		<0.40	<0.40	<0.40	NS	<0.40	<0.40	<0.40	5
1,2-Dichlorobenzene		<0.21	<0.21	1	NS	<0.21	<0.21	<0.21	5
p-Diethylbenzene		0.85	<0.40	<0.40	NS	<0.40	<0.40	<0.40	5
n-Butylbenzene		<0.46	<0.46	<0.46	NS	<0.46	<0.46	<0.46	NA
1,2,4,5-Tetramethylbenzene		2.93	<1.10	<1.10	NS	<1.10	<1.11	<1.11	5
Naphthalene		1.58	<0.98	<0.98	NS	<0.98	<0.99	<0.99	10
Total VOCs		78.62	8.37	18.25	0.00	3.78	0.00	0.00	

Notes:
ug/L - Micrograms per liter
< - Compound less than detection limit listed
VOCs - Volatile Organic Compounds
NS - No Standard
Bold Typeface - Concentration reported at or above NYSDEC standard
NA - Not Available





WEST MERRICK



LEGEND

MONITORING WELL LOCATION

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

IS LANE

DRIVEWAY

TREATMENT FACILITY
(32' x 26')

CONCRETE PAD

MW-104

MW-103

MW-102

MW-101

MW-108

RW-1

MW-107

MW-106

EXISTING GRAVEL SURFACE

EXISTING CONCRETE SURFACE

EXISTING CONCRETE SURFACE

LIMIT OF ASPHALT

6" WIDE CONCRETE WALK

ACTIVE INDUSTRIAL UNIFORM
LINDENHURST, NEW YORK



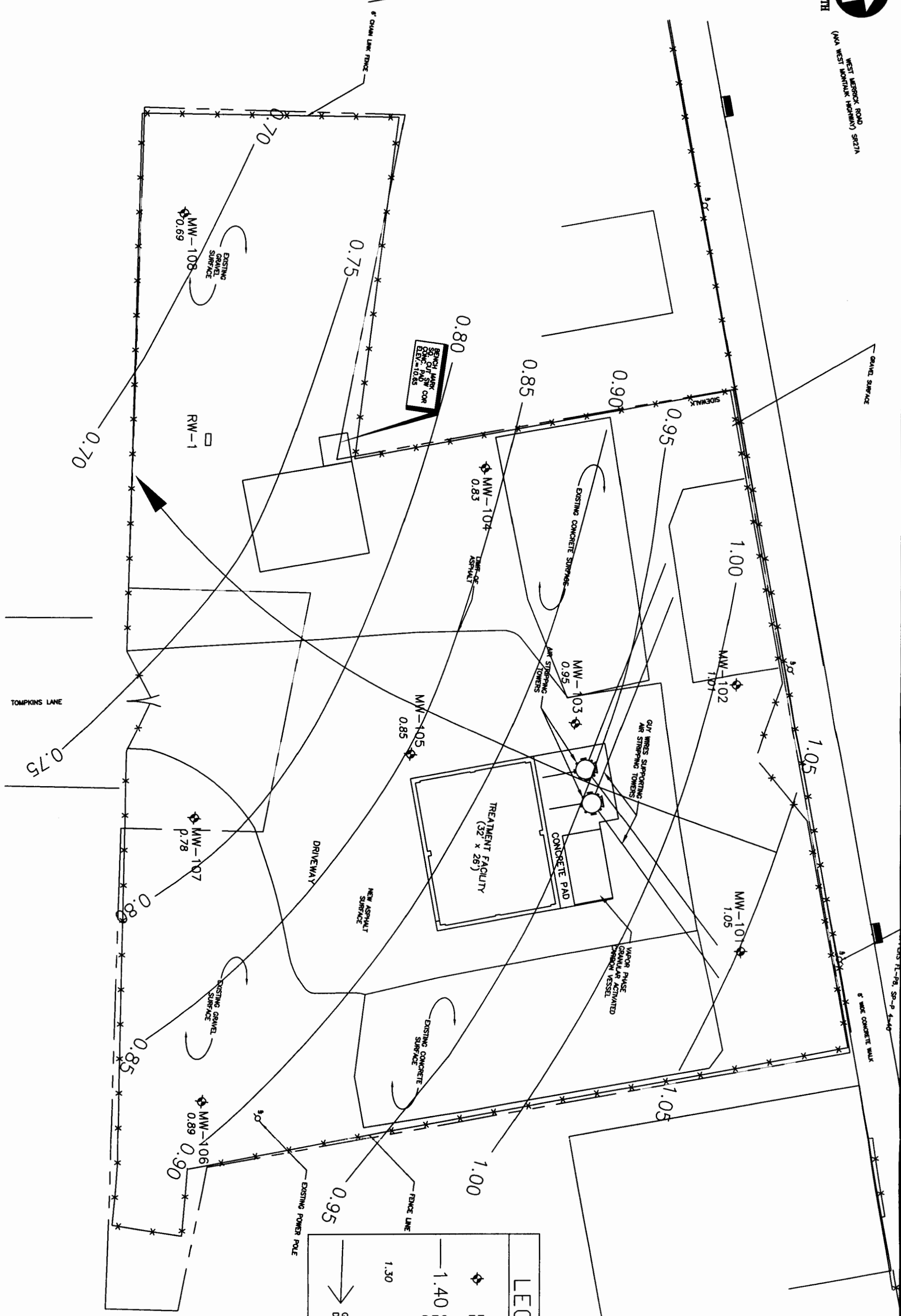
MACTEC
MACTEC Engineering and Consulting, Inc.
5205 Militia Hill Road
Plymouth Meeting, PA

SITE PLAN (1A)

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



WEST HERBICK ROAD SR27A
(AKA WEST MONTAUK HIGHWAY)



LEGEND

MONITORING WELL LOCATION

1.40 GROUND-WATER ELEVATION CONTOUR (dashed where inferred)

1.30 GROUND-WATER ELEVATION (feet relative to mean sea level)

GROUND-WATER FLOW DIRECTION

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

APRIL 2004

GROUNDWATER ELEVATION CONTOUR

PROJECT NO. 22000-0-0019

PREPARED BY SC JC

CHECKED BY DN DV

FIGURE 2

Blue Water Environmental, Inc.**1610 NEW HIGHWAY
FARMINGDALE, NEW YORK 11735****Phone: (631) 752-2145****Fax: (631) 752-3008****LETTER OF TRANSMITTAL**To: **MACTEC**14 Washington Road, Building 1, 1st Floor

Princeton Junction, New Jersey 08550

Attention: **STEPHAN CAP**

Gentlemen: We are Sending You

Date: Tuesday, April 20, 2004

Re: NYSDEC - D004134

ACTIVE INDUSTRIAL SITE

LINDENHURST, NY

VIA : FED EX 2-DAY BWE 02370-01830

- ☒ Attached ☐ Catalog Cuts ☐ Certifications ☐
☐ Copy of letter ☐ Shop drawings ☐ Specifications ☐

COPIES	DATE	NO.	DESCRIPTION
1	4-20-04	0	First Quarter 2004 GW-Monitoring Data Package

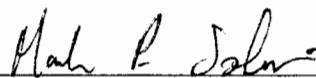
These are Transmitted as checked below:

- ☐ For approval ☐ Approved as submitted ☐ Resubmit copies for approval
☒ For your use ☐ Approved as noted ☐ Submit copies for distribution
☒ As requested ☐ Returned for corrections ☐ Return corrected prints
☐ For review and comment

Remarks :

Copy To :

Signed :


Mark Soliman, Project Engineer

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Custody Document: R5533

Received: 04/08/2004 13:45

Sampled by: Stephan Cap

Client: Blue Water

1610 New Highway
Farmingdale,
NY 11735

Project: Active Industrial

67 West Montauk Hwy
Lindenhurst,
NY

Manager: Mark Soliman

Respectfully submitted,

Patricia Werner-Els

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

The information contained in this report is confidential and intended only for the use of the client listed above. This report shall not be reproduced, except in full, without the written consent of Environmental Testing Laboratories, Inc.



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-1

Client Sample ID: MW-109

Collected: 04/08/2004 08:20

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1326-8044	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1326-8044	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1326-8044	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1326-8044	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1326-8044	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1326-8044	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1326-8044	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1326-8044	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1326-8044	0.32	0.32	ppb	U
67-64-1	Acetone	C 1326-8044	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1326-8044	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1326-8044	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C 1326-8044	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1326-8044	0.49	3.73	ppb	
75-34-3	1,1-Dichloroethane	C 1326-8044	0.21	2.71	ppb	
590-20-7	2,2-Dichloropropane	C 1326-8044	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C 1326-8044	0.31	3.10	ppb	
78-93-3	2-Butanone	C 1326-8044	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1326-8044	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1326-8044	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1326-8044	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1326-8044	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1326-8044	0.54	0.54	ppb	U
71-43-2	Benzene	C 1326-8044	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1326-8044	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1326-8044	0.29	2.50	ppb	
78-87-5	1,2-Dichloropropane	C 1326-8044	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1326-8044	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1326-8044	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1326-8044	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C 1326-8044	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1326-8044	0.58	0.58	ppb	U
108-88-3	Toluene	C 1326-8044	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-1

Client Sample ID: MW-109

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 08:20

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C 1326-8044	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1326-8044	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1326-8044	0.35	5.21	ppb	
142-28-9	1,3-Dichloropropane	C 1326-8044	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1326-8044	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1326-8044	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1326-8044	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1326-8044	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1326-8044	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1326-8044	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1326-8044	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1326-8044	0.26	0.26	ppb	U
100-42-5	Styrene	C 1326-8044	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1326-8044	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1326-8044	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1326-8044	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1326-8044	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1326-8044	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1326-8044	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1326-8044	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1326-8044	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1326-8044	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1326-8044	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1326-8044	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1326-8044	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1326-8044	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C 1326-8044	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1326-8044	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1326-8044	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1326-8044	0.21	1.00	ppb	
105-05-5	p-Diethylbenzene	C 1326-8044	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1326-8044	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1326-8044	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-1

Client Sample ID: MW-109

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 08:20

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1326-8044	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1326-8044	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1326-8044	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1326-8044	0.98	0.98	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1326-8044	96.9 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1326-8044	96.2 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1326-8044	98.7 %	(88 - 111)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-2

Client Sample ID: MW-111

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 10:05

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1326-8045	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1326-8045	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1326-8045	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1326-8045	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1326-8045	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1326-8045	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1326-8045	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1326-8045	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1326-8045	0.32	0.32	ppb	U
67-64-1	Acetone	C 1326-8045	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1326-8045	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1326-8045	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C 1326-8045	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1326-8045	0.49	3.78	ppb	
75-34-3	1,1-Dichloroethane	C 1326-8045	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1326-8045	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C 1326-8045	0.31	0.31	ppb	U
78-93-3	2-Butanone	C 1326-8045	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1326-8045	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1326-8045	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1326-8045	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1326-8045	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1326-8045	0.54	0.54	ppb	U
71-43-2	Benzene	C 1326-8045	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1326-8045	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1326-8045	0.29	0.29	ppb	U
78-87-5	1,2-Dichloropropane	C 1326-8045	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1326-8045	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1326-8045	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1326-8045	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C 1326-8045	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1326-8045	0.58	0.58	ppb	U
108-88-3	Toluene	C 1326-8045	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-2

Client Sample ID: MW-111

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 10:05

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C 1326-8045	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1326-8045	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1326-8045	0.35	0.35	ppb	U
142-28-9	1,3-Dichloropropane	C 1326-8045	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1326-8045	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1326-8045	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1326-8045	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1326-8045	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1326-8045	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1326-8045	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1326-8045	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1326-8045	0.26	0.26	ppb	U
100-42-5	Styrene	C 1326-8045	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1326-8045	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1326-8045	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1326-8045	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1326-8045	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1326-8045	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1326-8045	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1326-8045	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1326-8045	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1326-8045	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1326-8045	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1326-8045	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1326-8045	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1326-8045	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C 1326-8045	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1326-8045	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1326-8045	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1326-8045	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1326-8045	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1326-8045	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1326-8045	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-2

Client Sample ID: MW-111

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 10:05

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1326-8045	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1326-8045	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1326-8045	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1326-8045	0.98	0.98	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1326-8045	97.3 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1326-8045	94.7 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1326-8045	101.0 %	(88 - 111)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-3

Client Sample ID: MW-107

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 10:30

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1326-8046	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1326-8046	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1326-8046	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1326-8046	0.51	0.88	ppb	
74-83-9	Bromomethane	C 1326-8046	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1326-8046	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1326-8046	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1326-8046	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1326-8046	0.32	0.32	ppb	U
67-64-1	Acetone	C 1326-8046	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1326-8046	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1326-8046	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C 1326-8046	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1326-8046	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1326-8046	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1326-8046	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C 1326-8046	0.31	16.4	ppb	
78-93-3	2-Butanone	C 1326-8046	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1326-8046	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1326-8046	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1326-8046	0.26	0.53	ppb	
56-23-5	Carbon Tetrachloride	C 1326-8046	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1326-8046	0.54	0.54	ppb	U
71-43-2	Benzene	C 1326-8046	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1326-8046	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1326-8046	0.29	7.95	ppb	
78-87-5	1,2-Dichloropropane	C 1326-8046	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1326-8046	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1326-8046	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1326-8046	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C 1326-8046	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1326-8046	0.58	0.58	ppb	U
108-88-3	Toluene	C 1326-8046	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-3

Client Sample ID: MW-107

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 10:30

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C 1326-8046	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1326-8046	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1326-8046	0.35	43.6	ppb	
142-28-9	1,3-Dichloropropane	C 1326-8046	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1326-8046	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1326-8046	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1326-8046	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1326-8046	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1326-8046	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1326-8046	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1326-8046	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1326-8046	0.26	0.26	ppb	U
100-42-5	Styrene	C 1326-8046	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1326-8046	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1326-8046	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1326-8046	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1326-8046	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1326-8046	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1326-8046	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1326-8046	0.33	0.79	ppb	
108-67-8	1,3,5-Trimethylbenzene	C 1326-8046	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1326-8046	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1326-8046	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1326-8046	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1326-8046	0.27	2.56	ppb	
135-98-8	sec-Butylbenzene	C 1326-8046	0.45	1.34	ppb	
99-87-6	p-Isopropyltoluene	C 1326-8046	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1326-8046	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1326-8046	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1326-8046	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1326-8046	0.40	0.85	ppb	
104-51-8	n-Butylbenzene	C 1326-8046	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1326-8046	1.10	2.93	ppb	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-3

Client Sample ID: MW-107

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 10:30

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1326-8046	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1326-8046	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1326-8046	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1326-8046	0.98	1.58	ppb	

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1326-8046	97.2 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1326-8046	95.1 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1326-8046	98.9 %	(88 - 111)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-4

Client Sample ID: MW-106

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 11:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1326-8047	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1326-8047	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1326-8047	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1326-8047	0.51	2.65	ppb	
74-83-9	Bromomethane	C 1326-8047	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1326-8047	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1326-8047	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1326-8047	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1326-8047	0.32	0.32	ppb	U
67-64-1	Acetone	C 1326-8047	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1326-8047	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1326-8047	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C 1326-8047	0.22	2.19	ppb	
1634-04-4	Methyl t-butyl ether	C 1326-8047	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1326-8047	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1326-8047	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C 1327-8068	3.10	366	ppb	
78-93-3	2-Butanone	C 1326-8047	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1326-8047	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1326-8047	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1326-8047	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1326-8047	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1326-8047	0.54	0.54	ppb	U
71-43-2	Benzene	C 1326-8047	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1326-8047	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1326-8047	0.29	133	ppb	
78-87-5	1,2-Dichloropropane	C 1326-8047	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1326-8047	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1326-8047	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1326-8047	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C 1326-8047	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1326-8047	0.58	0.58	ppb	U
108-88-3	Toluene	C 1326-8047	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-4

Client Sample ID: MW-106

Collected: 04/08/2004 11:00

Matrix: Liquid

Type: Grab

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C 1326-8047	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1326-8047	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1326-8047	0.35	89.1	ppb	
142-28-9	1,3-Dichloropropane	C 1326-8047	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1326-8047	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1326-8047	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1326-8047	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1326-8047	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1326-8047	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1326-8047	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1326-8047	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1326-8047	0.26	0.26	ppb	U
100-42-5	Styrene	C 1326-8047	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1326-8047	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1326-8047	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1326-8047	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1326-8047	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1326-8047	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1326-8047	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1326-8047	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1326-8047	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1326-8047	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1326-8047	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1326-8047	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1326-8047	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1326-8047	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C 1326-8047	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1326-8047	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1326-8047	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1326-8047	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1326-8047	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1326-8047	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1326-8047	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-4

Client Sample ID: MW-106

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 11:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1326-8047	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1326-8047	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1326-8047	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1326-8047	0.98	0.98	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1326-8047	97.5 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1326-8047	95.8 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1326-8047	100.0 %	(88 - 111)	
460-00-4	4-BROMOFLUOROBENZENE	C1327-8068	99.9 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1327-8068	91.1 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1327-8068	100.0 %	(88 - 111)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-4MS

Client Sample ID: MW-106 MS

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Matrix Spike

Collected: 04/08/2004 11:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1326-8048	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1326-8048	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1326-8048	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1326-8048	0.51	7.18	ppb	
74-83-9	Bromomethane	C 1326-8048	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1326-8048	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1326-8048	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1326-8048	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1326-8048	0.32	49.0	ppb	
67-64-1	Acetone	C 1326-8048	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1326-8048	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1326-8048	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C 1326-8048	0.22	2.18	ppb	
1634-04-4	Methyl t-butyl ether	C 1326-8048	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1326-8048	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1326-8048	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C 1327-8069	3.10	369	ppb	
78-93-3	2-Butanone	C 1326-8048	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1326-8048	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1326-8048	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1326-8048	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1326-8048	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1326-8048	0.54	0.54	ppb	U
71-43-2	Benzene	C 1326-8048	0.27	47.5	ppb	
107-06-2	1,2-Dichloroethane	C 1326-8048	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1326-8048	0.29	123	ppb	
78-87-5	1,2-Dichloropropane	C 1326-8048	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1326-8048	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1326-8048	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1326-8048	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C 1326-8048	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1326-8048	0.58	0.58	ppb	U
108-88-3	Toluene	C 1326-8048	0.17	50.0	ppb	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-4MS

Client Sample ID: MW-106 MS

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Matrix Spike

Collected: 04/08/2004 11:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C 1326-8048	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1326-8048	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1326-8048	0.35	49.9	ppb	
142-28-9	1,3-Dichloropropane	C 1326-8048	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1326-8048	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1326-8048	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1326-8048	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1326-8048	0.23	50.4	ppb	
630-20-6	1,1,1,2-Tetrachloroethane	C 1326-8048	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1326-8048	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1326-8048	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1326-8048	0.26	0.73	ppb	
100-42-5	Styrene	C 1326-8048	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1326-8048	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1326-8048	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1326-8048	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1326-8048	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1326-8048	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1326-8048	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1326-8048	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1326-8048	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1326-8048	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1326-8048	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1326-8048	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1326-8048	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1326-8048	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C 1326-8048	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1326-8048	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1326-8048	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1326-8048	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1326-8048	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1326-8048	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1326-8048	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-4MS

Client Sample ID: MW-106 MS

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Collected: 04/08/2004 11:00

Type: Matrix Spike

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1326-8048	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1326-8048	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1326-8048	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1326-8048	0.98	0.98	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1326-8048	97.7 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1326-8048	94.7 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1326-8048	98.7 %	(88 - 111)	
460-00-4	4-BROMOFLUOROBENZENE	C1327-8069	99.8 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1327-8069	94.1 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1327-8069	101.0 %	(88 - 111)	

Matrix Spike Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
75-35-4	1,1-DICHLOROETHENE	C1326-8048	98.0 %	(61 - 145)	
71-43-2	BENZENE	C1326-8048	95.0 %	(76 - 127)	
108-90-7	CHLOROBENZENE	C1326-8048	101.0 %	(75 - 130)	
108-88-3	TOLUENE	C1326-8048	100.0 %	(76 - 125)	
79-01-6	TRICHLOROETHENE	C1326-8048	.0 %	(71 - 120)	*



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-4MSD

Client Sample ID: MW-106 MSD

Collected: 04/08/2004 11:00

Matrix: Liquid

Type: Matrix Spike Dup

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1326-8049	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1326-8049	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1326-8049	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1326-8049	0.51	7.23	ppb	
74-83-9	Bromomethane	C 1326-8049	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1326-8049	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1326-8049	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1326-8049	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1326-8049	0.32	50.3	ppb	
67-64-1	Acetone	C 1326-8049	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1326-8049	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1326-8049	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C 1326-8049	0.22	2.22	ppb	
1634-04-4	Methyl t-butyl ether	C 1326-8049	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1326-8049	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1326-8049	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C 1327-8070	3.10	301	ppb	
78-93-3	2-Butanone	C 1326-8049	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1326-8049	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1326-8049	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1326-8049	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1326-8049	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1326-8049	0.54	0.54	ppb	U
71-43-2	Benzene	C 1326-8049	0.27	48.4	ppb	
107-06-2	1,2-Dichloroethane	C 1326-8049	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1326-8049	0.29	119	ppb	
78-87-5	1,2-Dichloropropane	C 1326-8049	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1326-8049	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1326-8049	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1326-8049	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C 1326-8049	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1326-8049	0.58	0.58	ppb	U
108-88-3	Toluene	C 1326-8049	0.17	51.6	ppb	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-4MSD

Client Sample ID: MW-106 MSD

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Matrix Spike Dup

Collected: 04/08/2004 11:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C 1326-8049	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1326-8049	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1326-8049	0.35	46.8	ppb	
142-28-9	1,3-Dichloropropane	C 1326-8049	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1326-8049	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1326-8049	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1326-8049	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1326-8049	0.23	51.3	ppb	
630-20-6	1,1,1,2-Tetrachloroethane	C 1326-8049	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1326-8049	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1326-8049	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1326-8049	0.26	0.72	ppb	
100-42-5	Styrene	C 1326-8049	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1326-8049	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1326-8049	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1326-8049	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1326-8049	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1326-8049	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1326-8049	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1326-8049	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1326-8049	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1326-8049	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1326-8049	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1326-8049	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1326-8049	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1326-8049	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C 1326-8049	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1326-8049	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1326-8049	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1326-8049	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1326-8049	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1326-8049	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1326-8049	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-4MSD

Client Sample ID: MW-106 MSD

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Matrix Spike Dup

Collected: 04/08/2004 11:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1326-8049	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1326-8049	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1326-8049	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1326-8049	0.98	0.98	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1326-8049	98.1 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1326-8049	94.3 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1326-8049	98.7 %	(88 - 111)	
460-00-4	4-BROMOFLUOROBENZENE	C1327-8070	99.4 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1327-8070	90.4 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1327-8070	103.0 %	(88 - 111)	

Matrix Spike Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
75-35-4	1,1-DICHLOROETHENE	C1326-8049	101.0 %	(61 - 145)	
71-43-2	BENZENE	C1326-8049	96.8 %	(76 - 127)	
108-90-7	CHLOROBENZENE	C1326-8049	103.0 %	(75 - 130)	
108-88-3	TOLUENE	C1326-8049	103.0 %	(76 - 125)	
79-01-6	TRICHLOROETHENE	C1326-8049	.0 %	(71 - 120)	*



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-5

Client Sample ID: MW-116

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 11:05

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1326-8050	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1326-8050	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1326-8050	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1326-8050	0.51	7.22	ppb	
74-83-9	Bromomethane	C 1326-8050	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1326-8050	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1326-8050	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1326-8050	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1326-8050	0.32	0.32	ppb	U
67-64-1	Acetone	C 1326-8050	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1326-8050	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1326-8050	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C 1326-8050	0.22	2.19	ppb	
1634-04-4	Methyl t-butyl ether	C 1326-8050	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1326-8050	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1326-8050	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C 1327-8071	3.10	307	ppb	
78-93-3	2-Butanone	C 1326-8050	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1326-8050	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1326-8050	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1326-8050	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1326-8050	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1326-8050	0.54	0.54	ppb	U
71-43-2	Benzene	C 1326-8050	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1326-8050	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1326-8050	0.29	70.4	ppb	
78-87-5	1,2-Dichloropropane	C 1326-8050	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1326-8050	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1326-8050	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1326-8050	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C 1326-8050	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1326-8050	0.58	0.58	ppb	U
108-88-3	Toluene	C 1326-8050	0.17	0.92	ppb	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-5

Client Sample ID: MW-116

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 11:05

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C 1326-8050	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1326-8050	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1326-8050	0.35	46.0	ppb	
142-28-9	1,3-Dichloropropane	C 1326-8050	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1326-8050	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1326-8050	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1326-8050	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1326-8050	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1326-8050	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1326-8050	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1326-8050	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1326-8050	0.26	0.77	ppb	
100-42-5	Styrene	C 1326-8050	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1326-8050	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1326-8050	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1326-8050	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1326-8050	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1326-8050	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1326-8050	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1326-8050	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1326-8050	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1326-8050	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1326-8050	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1326-8050	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1326-8050	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1326-8050	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C 1326-8050	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1326-8050	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1326-8050	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1326-8050	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1326-8050	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1326-8050	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1326-8050	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-5

Client Sample ID: MW-116

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 11:05

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1326-8050	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1326-8050	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1326-8050	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1326-8050	0.98	0.98	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1326-8050	98.2 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1326-8050	95.8 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1326-8050	101.0 %	(88 - 111)	
460-00-4	4-BROMOFLUOROBENZENE	C1327-8071	99.4 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1327-8071	92.2 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1327-8071	101.0 %	(88 - 111)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-6

Client Sample ID: MW-101

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 11:40

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1326-8051	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1326-8051	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1326-8051	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1326-8051	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1326-8051	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1326-8051	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1326-8051	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1326-8051	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1326-8051	0.32	0.32	ppb	U
67-64-1	Acetone	C 1326-8051	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1326-8051	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1326-8051	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C 1326-8051	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1326-8051	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1326-8051	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1326-8051	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C 1326-8051	0.31	0.31	ppb	U
78-93-3	2-Butanone	C 1326-8051	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1326-8051	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1326-8051	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1326-8051	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1326-8051	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1326-8051	0.54	0.54	ppb	U
71-43-2	Benzene	C 1326-8051	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1326-8051	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1326-8051	0.29	1.09	ppb	
78-87-5	1,2-Dichloropropane	C 1326-8051	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1326-8051	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1326-8051	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1326-8051	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C 1326-8051	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1326-8051	0.58	0.58	ppb	U
108-88-3	Toluene	C 1326-8051	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-6

Client Sample ID: MW-101

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 11:40

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C1326-8051	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C1326-8051	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C1326-8051	0.35	2.48	ppb	
142-28-9	1,3-Dichloropropane	C1326-8051	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C1326-8051	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C1326-8051	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C1326-8051	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C1326-8051	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C1326-8051	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C1326-8051	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C1326-8051	0.55	0.55	ppb	U
95-47-6	o-xylene	C1326-8051	0.26	0.26	ppb	U
100-42-5	Styrene	C1326-8051	0.26	0.26	ppb	U
75-25-2	Bromoform	C1326-8051	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C1326-8051	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C1326-8051	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C1326-8051	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C1326-8051	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C1326-8051	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C1326-8051	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C1326-8051	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C1326-8051	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C1326-8051	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C1326-8051	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C1326-8051	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C1326-8051	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C1326-8051	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C1326-8051	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C1326-8051	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C1326-8051	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C1326-8051	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C1326-8051	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C1326-8051	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-6

Client Sample ID: MW-101

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 11:40

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1326-8051	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1326-8051	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1326-8051	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1326-8051	0.98	0.98	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1326-8051	97.4 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1326-8051	96.4 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1326-8051	99.9 %	(88 - 111)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-7

Client Sample ID: MW-102

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 12:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1326-8052	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1326-8052	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1326-8052	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1326-8052	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1326-8052	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1326-8052	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1326-8052	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1326-8052	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1326-8052	0.32	0.32	ppb	U
67-64-1	Acetone	C 1326-8052	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1326-8052	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1326-8052	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C 1326-8052	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1326-8052	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1326-8052	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1326-8052	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C 1326-8052	0.31	0.31	ppb	U
78-93-3	2-Butanone	C 1326-8052	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1326-8052	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1326-8052	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1326-8052	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1326-8052	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1326-8052	0.54	0.54	ppb	U
71-43-2	Benzene	C 1326-8052	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1326-8052	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1326-8052	0.29	1.30	ppb	
78-87-5	1,2-Dichloropropane	C 1326-8052	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1326-8052	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1326-8052	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1326-8052	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C 1326-8052	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1326-8052	0.58	0.58	ppb	U
108-88-3	Toluene	C 1326-8052	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-7

Client Sample ID: MW-102

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 12:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C 1326-8052	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1326-8052	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1326-8052	0.35	7.70	ppb	
142-28-9	1,3-Dichloropropane	C 1326-8052	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1326-8052	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1326-8052	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1326-8052	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1326-8052	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1326-8052	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1326-8052	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1326-8052	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1326-8052	0.26	0.26	ppb	U
100-42-5	Styrene	C 1326-8052	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1326-8052	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1326-8052	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1326-8052	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1326-8052	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1326-8052	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1326-8052	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1326-8052	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1326-8052	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1326-8052	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1326-8052	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1326-8052	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1326-8052	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1326-8052	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C 1326-8052	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1326-8052	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1326-8052	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1326-8052	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1326-8052	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1326-8052	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1326-8052	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-7

Client Sample ID: MW-102

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 12:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1326-8052	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1326-8052	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1326-8052	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1326-8052	0.98	0.98	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1326-8052	98.2 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1326-8052	95.1 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1326-8052	97.9 %	(88 - 111)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-8

Client Sample ID: MW-103

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 12:15

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1326-8053	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1326-8053	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1326-8053	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1326-8053	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1326-8053	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1326-8053	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1326-8053	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1326-8053	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1326-8053	0.32	0.32	ppb	U
67-64-1	Acetone	C 1326-8053	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1326-8053	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1326-8053	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C 1326-8053	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1326-8053	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1326-8053	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1326-8053	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C 1326-8053	0.31	0.31	ppb	U
78-93-3	2-Butanone	C 1326-8053	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1326-8053	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1326-8053	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1326-8053	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1326-8053	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1326-8053	0.54	0.54	ppb	U
71-43-2	Benzene	C 1326-8053	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1326-8053	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1326-8053	0.29	1.07	ppb	
78-87-5	1,2-Dichloropropane	C 1326-8053	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1326-8053	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1326-8053	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1326-8053	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C 1326-8053	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1326-8053	0.58	0.58	ppb	U
108-88-3	Toluene	C 1326-8053	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-8

Client Sample ID: MW-103

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 12:15

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C 1326-8053	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1326-8053	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1326-8053	0.35	13.6	ppb	
142-28-9	1,3-Dichloropropane	C 1326-8053	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1326-8053	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1326-8053	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1326-8053	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1326-8053	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1326-8053	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1326-8053	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1326-8053	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1326-8053	0.26	0.26	ppb	U
100-42-5	Styrene	C 1326-8053	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1326-8053	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1326-8053	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1326-8053	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1326-8053	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1326-8053	0.41	1.64	ppb	
96-18-4	1,2,3-Trichloropropane	C 1326-8053	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1326-8053	0.33	1.17	ppb	
108-67-8	1,3,5-Trimethylbenzene	C 1326-8053	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1326-8053	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1326-8053	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1326-8053	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1326-8053	0.27	3.96	ppb	
135-98-8	sec-Butylbenzene	C 1326-8053	0.45	1.86	ppb	
99-87-6	p-Isopropyltoluene	C 1326-8053	0.40	0.64	ppb	
541-73-1	1,3-Dichlorobenzene	C 1326-8053	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1326-8053	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1326-8053	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1326-8053	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1326-8053	0.46	2.04	ppb	
95-93-2	1,2,4,5-Tetramethylbenzene	C 1326-8053	1.10	12.6	ppb	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-8

Client Sample ID: MW-103

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/09/2004

Type: Grab

Collected: 04/08/2004 12:15

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1326-8053	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1326-8053	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1326-8053	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1326-8053	0.98	0.91	ppb	J

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1326-8053	97.3 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1326-8053	94.7 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1326-8053	99.9 %	(88 - 111)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-9

Client Sample ID: MW-105

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/10/2004

Type: Grab

Collected: 04/08/2004 12:35

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1326-8054	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1326-8054	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1326-8054	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1326-8054	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1326-8054	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1326-8054	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1326-8054	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1326-8054	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1326-8054	0.32	0.32	ppb	U
67-64-1	Acetone	C 1326-8054	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1326-8054	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1326-8054	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C 1326-8054	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1326-8054	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1326-8054	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1326-8054	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C 1326-8054	0.31	1.36	ppb	
78-93-3	2-Butanone	C 1326-8054	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1326-8054	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1326-8054	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1326-8054	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1326-8054	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1326-8054	0.54	0.54	ppb	U
71-43-2	Benzene	C 1326-8054	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1326-8054	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1326-8054	0.29	1.80	ppb	
78-87-5	1,2-Dichloropropane	C 1326-8054	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1326-8054	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1326-8054	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1326-8054	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C 1326-8054	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1326-8054	0.58	0.58	ppb	U
108-88-3	Toluene	C 1326-8054	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-9

Client Sample ID: MW-105

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/10/2004

Type: Grab

Collected: 04/08/2004 12:35

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C 1326-8054	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1326-8054	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1326-8054	0.35	15.0	ppb	
142-28-9	1,3-Dichloropropane	C 1326-8054	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1326-8054	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1326-8054	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1326-8054	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1326-8054	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1326-8054	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1326-8054	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1326-8054	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1326-8054	0.26	0.26	ppb	U
100-42-5	Styrene	C 1326-8054	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1326-8054	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1326-8054	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1326-8054	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1326-8054	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1326-8054	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1326-8054	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1326-8054	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1326-8054	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1326-8054	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1326-8054	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1326-8054	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1326-8054	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1326-8054	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C 1326-8054	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1326-8054	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1326-8054	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1326-8054	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1326-8054	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1326-8054	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1326-8054	1.10	0.66	ppb	J



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-9

Client Sample ID: MW-105

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/10/2004

Type: Grab

Collected: 04/08/2004 12:35

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1326-8054	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1326-8054	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1326-8054	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1326-8054	0.98	0.98	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1326-8054	98.5 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1326-8054	94.0 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1326-8054	99.9 %	(88 - 111)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-10

Client Sample ID: MW-104

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/10/2004

Type: Grab

Collected: 04/08/2004 12:58

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1326-8055	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1326-8055	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1326-8055	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1326-8055	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1326-8055	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1326-8055	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1326-8055	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1326-8055	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1326-8055	0.32	0.32	ppb	U
67-64-1	Acetone	C 1326-8055	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1326-8055	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1326-8055	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C 1326-8055	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1326-8055	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1326-8055	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1326-8055	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C 1326-8055	0.31	4.18	ppb	
78-93-3	2-Butanone	C 1326-8055	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1326-8055	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1326-8055	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1326-8055	0.26	0.79	ppb	
56-23-5	Carbon Tetrachloride	C 1326-8055	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1326-8055	0.54	0.54	ppb	U
71-43-2	Benzene	C 1326-8055	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1326-8055	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1326-8055	0.29	28.7	ppb	
78-87-5	1,2-Dichloropropane	C 1326-8055	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1326-8055	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1326-8055	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1326-8055	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C 1326-8055	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1326-8055	0.58	0.58	ppb	U
108-88-3	Toluene	C 1326-8055	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-10

Client Sample ID: MW-104

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/10/2004

Type: Grab

Collected: 04/08/2004 12:58

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C 1326-8055	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1326-8055	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1327-8072	17.5	1160	ppb	
142-28-9	1,3-Dichloropropane	C 1326-8055	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1326-8055	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1326-8055	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1326-8055	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1326-8055	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1326-8055	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1326-8055	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1326-8055	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1326-8055	0.26	0.26	ppb	U
100-42-5	Styrene	C 1326-8055	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1326-8055	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1326-8055	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1326-8055	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1326-8055	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1326-8055	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1326-8055	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1326-8055	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1326-8055	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1326-8055	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1326-8055	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1326-8055	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1326-8055	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1326-8055	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C 1326-8055	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1326-8055	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1326-8055	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1326-8055	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1326-8055	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1326-8055	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1326-8055	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-10

Client Sample ID: MW-104

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/10/2004

Type: Grab

Collected: 04/08/2004 12:58

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1326-8055	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1326-8055	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1326-8055	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1326-8055	0.98	0.98	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1326-8055	97.1 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1326-8055	93.6 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1326-8055	102.0 %	(88 - 111)	
460-00-4	4-BROMOFLUOROBENZENE	C1327-8072	99.9 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1327-8072	90.6 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1327-8072	99.8 %	(88 - 111)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-11

Client Sample ID: MW-108

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/12/2004

Type: Grab

Collected: 04/08/2004 13:20

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1327-8073	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1327-8073	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1327-8073	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1327-8073	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1327-8073	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1327-8073	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1327-8073	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1327-8073	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1327-8073	0.32	0.32	ppb	U
67-64-1	Acetone	C 1327-8073	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1327-8073	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1327-8073	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C 1327-8073	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1327-8073	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1327-8073	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1327-8073	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C 1327-8073	0.31	0.69	ppb	
78-93-3	2-Butanone	C 1327-8073	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1327-8073	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1327-8073	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1327-8073	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1327-8073	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1327-8073	0.54	0.54	ppb	U
71-43-2	Benzene	C 1327-8073	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1327-8073	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1327-8073	0.29	0.65	ppb	
78-87-5	1,2-Dichloropropane	C 1327-8073	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1327-8073	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1327-8073	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1327-8073	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C 1327-8073	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1327-8073	0.58	0.58	ppb	U
108-88-3	Toluene	C 1327-8073	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-11

Client Sample ID: MW-108

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/12/2004

Type: Grab

Collected: 04/08/2004 13:20

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C 1327-8073	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1327-8073	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1327-8073	0.35	7.03	ppb	
142-28-9	1,3-Dichloropropane	C 1327-8073	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1327-8073	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1327-8073	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1327-8073	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1327-8073	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1327-8073	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1327-8073	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1327-8073	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1327-8073	0.26	0.26	ppb	U
100-42-5	Styrene	C 1327-8073	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1327-8073	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1327-8073	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1327-8073	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1327-8073	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1327-8073	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1327-8073	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1327-8073	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1327-8073	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1327-8073	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1327-8073	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1327-8073	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1327-8073	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1327-8073	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C 1327-8073	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1327-8073	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1327-8073	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1327-8073	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1327-8073	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1327-8073	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1327-8073	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-11

Client Sample ID: MW-108

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/12/2004

Type: Grab

Collected: 04/08/2004 13:20

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1327-8073	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1327-8073	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1327-8073	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1327-8073	0.98	0.98	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1327-8073	98.3 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1327-8073	95.7 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1327-8073	100.0 %	(88 - 111)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-12

Client Sample ID: Field Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/12/2004

Type: Field Blank

Collected: 04/08/2004 13:30

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1327-8074	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1327-8074	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1327-8074	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1327-8074	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1327-8074	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1327-8074	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1327-8074	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1327-8074	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1327-8074	0.32	0.32	ppb	U
67-64-1	Acetone	C 1327-8074	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1327-8074	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1327-8074	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C 1327-8074	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1327-8074	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1327-8074	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1327-8074	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C 1327-8074	0.31	0.31	ppb	U
78-93-3	2-Butanone	C 1327-8074	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1327-8074	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1327-8074	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1327-8074	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1327-8074	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1327-8074	0.54	0.54	ppb	U
71-43-2	Benzene	C 1327-8074	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1327-8074	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1327-8074	0.29	0.29	ppb	U
78-87-5	1,2-Dichloropropane	C 1327-8074	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1327-8074	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1327-8074	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1327-8074	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C 1327-8074	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1327-8074	0.58	0.58	ppb	U
108-88-3	Toluene	C 1327-8074	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-12

Client Sample ID: Field Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/12/2004

Type: Field Blank

Collected: 04/08/2004 13:30

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C 1327-8074	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1327-8074	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1327-8074	0.35	0.35	ppb	U
142-28-9	1,3-Dichloropropane	C 1327-8074	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1327-8074	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1327-8074	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1327-8074	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1327-8074	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1327-8074	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1327-8074	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1327-8074	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1327-8074	0.26	0.26	ppb	U
100-42-5	Styrene	C 1327-8074	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1327-8074	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1327-8074	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1327-8074	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1327-8074	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1327-8074	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1327-8074	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1327-8074	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1327-8074	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1327-8074	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1327-8074	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1327-8074	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1327-8074	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1327-8074	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C 1327-8074	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1327-8074	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1327-8074	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1327-8074	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1327-8074	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1327-8074	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1327-8074	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-12

Client Sample ID: Field Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/12/2004

Type: Field Blank

Collected: 04/08/2004 13:30

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1327-8074	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1327-8074	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1327-8074	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1327-8074	0.98	0.98	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1327-8074	99.3 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1327-8074	95.3 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1327-8074	100.0 %	(88 - 111)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-13

Client Sample ID: Trip Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/10/2004

Type: Blank

Collected: 04/08/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1326-8058	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C 1326-8058	0.32	0.32	ppb	U
74-87-3	Chloromethane	C 1326-8058	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C 1326-8058	0.51	0.51	ppb	U
74-83-9	Bromomethane	C 1326-8058	0.37	0.37	ppb	U
75-00-3	Chloroethane	C 1326-8058	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C 1326-8058	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1326-8058	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C 1326-8058	0.32	0.32	ppb	U
67-64-1	Acetone	C 1326-8058	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C 1326-8058	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C 1326-8058	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C 1326-8058	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C 1326-8058	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C 1326-8058	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C 1326-8058	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C 1326-8058	0.31	0.31	ppb	U
78-93-3	2-Butanone	C 1326-8058	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C 1326-8058	0.24	0.24	ppb	U
67-66-3	Chloroform	C 1326-8058	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1326-8058	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C 1326-8058	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C 1326-8058	0.54	0.54	ppb	U
71-43-2	Benzene	C 1326-8058	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C 1326-8058	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C 1326-8058	0.29	0.29	ppb	U
78-87-5	1,2-Dichloropropane	C 1326-8058	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C 1326-8058	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C 1326-8058	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1326-8058	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C 1326-8058	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1326-8058	0.58	0.58	ppb	U
108-88-3	Toluene	C 1326-8058	0.17	0.17	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-13

Client Sample ID: Trip Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/10/2004

Type: Blank

Collected: 04/08/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C 1326-8058	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C 1326-8058	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C 1326-8058	0.35	0.35	ppb	U
142-28-9	1,3-Dichloropropane	C 1326-8058	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C 1326-8058	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C 1326-8058	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C 1326-8058	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C 1326-8058	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C 1326-8058	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C 1326-8058	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C 1326-8058	0.55	0.55	ppb	U
95-47-6	o-xylene	C 1326-8058	0.26	0.26	ppb	U
100-42-5	Styrene	C 1326-8058	0.26	0.26	ppb	U
75-25-2	Bromoform	C 1326-8058	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C 1326-8058	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C 1326-8058	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C 1326-8058	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C 1326-8058	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C 1326-8058	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C 1326-8058	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C 1326-8058	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C 1326-8058	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C 1326-8058	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C 1326-8058	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C 1326-8058	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C 1326-8058	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C 1326-8058	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C 1326-8058	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C 1326-8058	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C 1326-8058	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C 1326-8058	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C 1326-8058	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C 1326-8058	1.10	1.10	ppb	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Volatile Compounds - EPA 8260B

Sample: R5533-13

Client Sample ID: Trip Blank

Matrix: Liquid

Remarks: See Case Narrative

Analyzed Date: 04/10/2004

Type: Blank

Collected: 04/08/2004

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1326-8058	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1326-8058	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1326-8058	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1326-8058	0.98	0.98	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1326-8058	97.0 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1326-8058	96.8 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1326-8058	99.4 %	(88 - 111)	



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

Case Narrative

8260:

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

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

M&P-Xylenes and 2-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.

208 Route 109, Farmingdale NY 11735

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

04/13/2004

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).
- 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
- T - Titrimetric

OTHER QUALIFIERS

- ND - Not Detected
- NA - Not Applicable
- NR - Not Required
- * - Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)
- x - Outside Expected Range

OTHER

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



CHAIN OF CUSTODY DOCUMENT

R 5533

Project Name: Active Industrial		Project Manager: Mark Selman		Sampler (Signature): Stephen		(Print): STEPHAN CAP	
Project Address: Lindenhurst, NY							
Client: Blue Water		JN:		Rush by		I I	
SAMPLE INFO				Type: SS = Split Spoon; G = Grab; C = Composite; B = Blank Matrix: L = Liquid; S = Soil; SL = Sludge; A = Air; W = Wipe			
ID	Date	Time	Type	Matrix	Sample Location	Total # Cont.	
1	4/8/04	8:20	G	L	MW-109	2	601602
2		10:05			MW-111	2	601602
3		10:30			MW-107	2	601602
4		11:00			MW-106 MS/MSD	2	601602
5		11:00			MW-106 MS	2	601602
6		11:00			MW-106 MSD	2	601602
7		11:05			MW-116	2	601602
8		11:40			MW-101	2	601602
9		12:00			MW-102	2	601602
10		12:15			MW-103	2	601602
11		11:55			MW-105	2	601602
12		11:50			MW-104	2	601602
13		3:20			MW-108	2	601602
14		3:30			FIELD BLANK	2	601602
15					TRIP BLANK	2	601602
Relinquished by (Signature): Stephen				Printed Name & Agent: Stephen		Date: 4/13/04 Time: 13:35	
Relinquished by (Signature):				Printed Name & Agent:		Date: Time:	
Comments & Special Instructions				QA/QC Type:		Number & Type of Containers: 30 - 30AS	

4/7/2004

$$7.3 \times .16 \times 3 = 3.5$$
[illegible]

Comments: Clear.

4/7/2004

$$\begin{array}{r} 15.30 \\ 6.98 \\ \hline 8.32 \times .16 \times 3 = 3.99 \end{array}$$
[illegible]

Comments: (pen)

4/7/2004

13.61
~~6.96~~
 $6.65 \times .16 \times 3 = 3.1$

[illegible]

Comments:

4/7/2004

Purged Volume 4 gal

$$\begin{array}{r} 14.41 \\ - 7.03 \\ \hline 7.38 \times .16 \times 3 = 5.5 \end{array}$$

[illegible]

Comments: Light Orange coloration w/ slight Petroleum odor

4/7/2004

$$7.28 \times 16 \times 3 = 3.5$$
[illegible]

Comments: Clean, no odor

4/7/2004

$$\begin{array}{r} 14.39 \\ - 7.47 \\ \hline 6.92 \end{array} \times 16 \times 3 = 3.3$$
[illegible]

Comments: clear, no odor

4/7/2004

Purged Volume *16 gal*

$$\begin{array}{r} 34.7 \\ - 1.42 \\ \hline 33.28 \end{array} \times .16 \times 3 = 15.9 \rightarrow 16 \text{ gal}$$

[illegible]

Comments: Clear

4/7/2004

$$31.16 \times .16 \times 3 = 14.9$$

1051 Page

Comments: Clear

4/7/2004

$$\begin{array}{r} 14.52 \\ - 7.01 \\ \hline 7.51 \end{array} \times .16 \times 3 = 3.6 \text{ gal}$$

Comments: slight Turbidity (orange), slight Petro... odor

4/7/2004

$$7.46 \times .16 \times 3 = 3.5$$
 $\rightarrow H_2O$

Comments: slight tumb $\rightarrow$ orange color

