FIRST QUARTER 2004
OPERATION AND MAINTENANCE
QUARTERLY REPORT

SEPTEMBER 8, 2004
ACTIVE INDUSTRIAL UNIFORM SITE
67 WEST MONTAUK HIGHWAY
VILLAGE OF LINDENHURST, NEW YORK

NYSDEC CONTRACT NO. D004134

FIRST QUARTER 2004
OPERATION AND MAINTENANCE
QUARTERLY REPORT

SEPTEMBER 8, 2004

PREPARED FOR

New York State Department of
Environmental Conservation
(NYSDEC)

PREPARED BY

Blue Water Environmental, Inc.
1610 New Highway
Farmingdale, New York
11735

Ellis Koch, Project Manager/Engineer

Michael J. Posillico, President

Table of Contents

1. INTRODUCTION

This is the quarterly report representing the first quarter of system operation for the year 2004 prepared for the New York State Department of Environmental Conservation (NYSDEC) in accordance with NYSDEC Contract No. D004134 for the operation of the groundwater treatment system at the Active Industrial Site located at 67 West Montauk Highway in Lindenhurst, New York. On January 15, 2003, the NYSDEC provided Blue Water Environmental, Inc. (Blue Water) approval to modify the reporting schedule from a monthly to a quarterly basis. Therefore, this quarterly report includes summaries of monitoring and sample collection activities performed for the periods of January, February and March 2004.

On February 18, 2004, March 24, 2004 and April 14, 2004 Blue Water completed the monthly Operation and Maintenance (O&M) monitoring and sample collection activities for the months of January, February and March 2004, respectively, of the Active Industrial groundwater pump and treatment system in accordance with the referenced contract. The following sections briefly describe the groundwater treatment system operation during the January, February and March 2004 operation periods.

2. OPERATIONAL DESCRIPTION

The groundwater treatment system was in operation for the reporting period (January 10, 2004 through April 13, 2004) as follows:

- **January 2004:** **16 days**
- **February 2004:** **35 days**
- **March 2004:** **20 days**

During this operation period, the influent air stripping tower and Recovery Well RW-1 were on-line. The midfluent air stripper and Recovery Well RW-2 were not operational until April, 2004.

The discharge flow meter recorded approximately 1,006,439,616 gallons of water treated by the system during the First Quarter 2004 reporting period with a weighted average for system effluent flow of 146 gallons per minute (gpm). The RW-1 flow meter recorded average recovery flows as follows:

- **January 2004:** **87 gpm**
- **February 2004:** **86 gpm**
- **March 2004:** **86 gpm**

The following is a summary of system operation to date:

- **Total Water Treated to Date:** **1,152,912,304 gallons**
- **Total Mass of VOCs Recovered to date:** **720 pounds**
- **Mass of VOCs Removed in Reporting Period:** **160 pounds**

3. SUMMARY OF ON-SITE QUARTERLY ACTIVITIES

During the operating months of the first quarter 2004, the following tasks were performed:

- January 10, 2004 — System down due to cold temperatures. Transducers were frozen.
- February 2, 2004 — Re-started system upon reaching warmer temperatures. Shut down RW-2.
- February 3 to February 11, 2004 — Performed various operation and maintenance tasks that included fixing the heater, installing new sample ports, installing pipe labels and changing out the vapor phase and liquid phase carbon.
- February 18, 2004 — Influent and Effluent water samples were collected and analyzed for volatile organic compounds (VOCs), pH, turbidity, dissolved oxygen (DO) and conductivity. Effluent water samples were collected and also analyzed for RCRA Metals, alkalinity, residual chlorine and chemical oxygen demand (COD). The samples were submitted to Environmental Testing Laboratory, Inc. of Farmingdale, New York. Carbon influent air samples were collected and analyzed for VOCs by USEPA Method 6021 by Microseeps, Inc. of Pittsburgh, Pennsylvania.
- March 24, 2004 — Influent and Effluent water samples were collected and analyzed for VOCs, pH, turbidity, DO and conductivity. Effluent water samples were collected and also analyzed for RCRA Metals, alkalinity, residual chlorine and COD. The samples were submitted to Environmental Testing Laboratory, Inc. of Farmingdale, New York. Carbon influent air samples were collected and analyzed for VOCs by USEPA Method 6021 by Microseeps, Inc. of Pittsburgh, Pennsylvania and discharge air samples were collected and analyzed for VOCs by Method TO-15 by Air Toxics Ltd of Folsom, California.
- April 13, 2004 — Influent, Midfluent and Effluent water samples were collected and analyzed for VOCs, pH, turbidity, DO and conductivity. Effluent water samples were collected and also analyzed for RCRA Metals, alkalinity, residual chlorine, COD, total dissolved solids (TDS) and total suspended solids (TSS). The samples were submitted to Environmental Testing Laboratory, Inc. of Farmingdale, New York. Carbon influent air samples were collected and

analyzed for VOCs by USEPA Method 6021 by Microseeps, Inc. of Pittsburgh, Pennsylvania and discharge air samples were collected and analyzed for VOCs by Method TO-15 by Air Toxics Ltd of Folsom, California.

4. SUMMARY OF FIELD DATA AND ANALYTICAL RESULTS

The January, February and March ground-water influent analytical results indicate that the system is successfully recovering and treating approximately 0.054, 0.058 and 0.071 pounds per hour of VOCs, respectively. The tower air stripping system removed approximately 100% of the contaminant mass from the water into the vapor stream for January, February and March, 2004. However, there was an exceedence for NYSDEC Effluent Limits for the quarterly period. The pH was below the effluent limit of 6 s.u. at 5.89 s.u. on March 24, 2004. The system cumulative mass removal since startup is approximately 720 pounds of VOCs.

Table 1 summarizes the process water analytical data, Table 2 summarizes the process air analytical data, Table 3 summarizes operational parameters collected during the February, March and April O&M monitoring and sampling events, Table 4 summarizes the TO-15 effluent vapor sample data, and Table 5 summarizes the VOC effluent discharge rates. A copy of the laboratory analytical reports for air/vapor samples from Microseeps, Inc. and Air Toxics, Ltd. are provided in Appendix A. The laboratory analytical reports for the process water samples from Environmental Testing Laboratories are provided in Appendix C.

Table 1. Summary of Process Water Analytical Data, February, March and April 2004 Sampling Events, Active Industrial Uniform Site, 67 West Montauk Highway, Lindenhurst, New York, NYSDEC Contract No. D004134.

Constituent: Units as noted	Cas No.	NYSDEC Effluent Limits	INFLUENT INF. HEADER 2/18/2004	INFLUENT INF. HEADER 3/24/2004	INFLUENT INF. HEADER 4/13/2004
Volatile Organic Compounds (ug/L)					
Trichloroethene TCE	79-01-6	10	96.5	106	123
Tetrachloroethene PCE	127-18-4	4	515	515	657
c-1,2-Dichloroethene	156-59-2	10	104	191	168
1,1,1-Trichloroethane	71-55-6	5	ND (1.30)	2.04	3.75
trans-1,2-Dichloroethene	156-60-5	NL	ND (1.10)	ND (0.22)	1.25
Total Xylenes		5	ND (4.05)	ND (0.81)	0.66
p-Ethyltoluene	622-96-8	NL	ND (1.65)	ND (0.33)	1.31
1,3,5-Trimethylbenzene	108-67-8	NL	ND (1.70)	ND (0.34)	0.82
1,2,4-Trimethylbenzene	95-63-6	NL	ND (1.35)	ND (0.27)	2.3
n-Butylbenzene	104-51-8	NL	ND (2.30)	ND (0.46)	0.52
1,2,4,5-Tetramethylbenzene	95-93-2	NL	ND (5.50)	ND (1.10)	0.96
Naphthalene	91-20-3	NL	ND (4.90)	ND (0.98)	4.05
Methyl t-butyl ether	75-34-3	NL	ND (2.45)	3.74	3.56
Sum of VOC Constituents			715.5	817.8	967.2
Inorganic Compounds mg/L					
Iron	7439-89-6	4	--	--	--
Manganese	7439-96-5	2	--	--	--
TDS	--	Monitor	--	--	--
TSS	--	20	--	--	--
Aluminum	7429-90-5	4	--	--	--
Arsenic	7440-38-2	0.14	--	--	--
Cadmium	7440-43-9	0.03	--	--	--
Copper	7440-50-8	0.038	--	--	--
Nickel	7440-02-0	0.065	--	--	--
Silver	7440-22-4	0.009	--	--	--
Zinc	7440-66-6	0.37	--	--	--
Antimony	7440-36-0	NL	--	--	--
Barium	7440-39-3	NL	--	--	--
Calcium	7440-70-2	NL	--	--	--
Chromium	7440-47-3	NL	--	--	--
Cobalt	7440-48-4	NL	--	--	--
Lead	7439-92-1	NL	--	--	--
Magnesium	7439-95-4	NL	--	--	--
Mercury	7439-97-6	NL	--	--	--
Potassium	7440-09-7	NL	--	--	--
Residual Chlorine	--	NL	--	--	--
Selenium	7782-49-2	NL	--	--	--
Sodium	7440-23-5	NL	--	--	--
Thallium	7440-28-0	NL	--	--	--
Vanadium	7440-62-2	NL	--	--	--

Table 1. Summary of Process Water Analytical Data, February, March and April 2004 Sampling Events, Active Industrial Uniform Site, 67 West Montauk Highway, Lindenhurst, New York, NYSDEC Contract No. D004134.

Constituent: Units as noted	Cas No.	NYSDEC Effluent Limits	INFLUENT INF. HEADER 2/18/2004	INFLUENT INF. HEADER 3/24/2004	INFLUENT INF. HEADER 4/13/2004
General Chemistry					
COD, dissolved (mg/L)		NL	--	--	--
Conductivity, dissolved at 25°C (ms/cm)		NL	0.223	0.213	0.22
Turbidity (NTU)		NL	19	0	0
pH (s.u.)		6 to 9	5.40	5.25	5.3
Alkalinity (mg/L)		NL	--	--	--
Dissolved Oxygen (mg/L)		NL	3.4	2.84	2.7

Notes:

*	Only parameters that are required for effluent monitoring and parameters that have concentrations exceeding the detection limits have been included above. A complete list of parameters is included in the Analytical Reports located in Appendix A.
**	Analysis was performed by Environmental Testing Laboratories, Inc. of Farmingdale, New York
ug/L	Micrograms per liter.
mg/L	Milligrams per liter.
ms/cm	Millisiemens per centimeter.
s.u.	Standard pH units.
TDS	Total Dissolved Solids
TSS	Total Suspended Solids
NL	No Limit
ND	Not detected above detection limit shown in parenthesis.
--	Sample not analyzed for specific parameter

Table 1. Summary of Process Water Analytical Data, February, March and April 2004 Sampling Events, Active Industrial Uniform Site, 67 West Montauk Highway, Lindenhurst, New York, NYSDEC Contract No. D004134.

Constituent: Units as noted	**NYSDEC Effluent Limits**	MIDFLUENT HEADER 2/18/2004	MIDFLUENT HEADER 3/24/2004	MIDFLUENT HEADER 4/13/2004
Volatile Organic Compounds (ug/L)				
Trichloroethene	10	--	--	0.87
Tetrachloroethene	4	--	--	2.69
c-1,2-Dichloroethene	10	--	--	2.06
Methyl t-butyl ether	NL	--	--	1.54
Sum of VOC Constituents		--	--	7.16
Inorganic Compounds mg/L				
Iron		--	--	--
Manganese		--	--	--
TDS		--	--	--
TSS		--	--	--
Aluminum		--	--	--
Arsenic		--	--	--
Cadmium		--	--	--
Copper		--	--	--
Nickel		--	--	--
Silver		--	--	--
Zinc		--	--	--
Antimony		--	--	--
Barium		--	--	--
Calcium		--	--	--
Chromium		--	--	--
Cobalt		--	--	--
Lead		--	--	--
Magnesium		--	--	--
Mercury		--	--	--
Potassium		--	--	--
Residual Chlorine		--	--	--
Selenium		--	--	--
Sodium		--	--	--
Thallium		--	--	--
Vanadium		--	--	--

Table 1. Summary of Process Water Analytical Data, February, March and April 2004 Sampling Events, Active Industrial Uniform Site, 67 West Montauk Highway, Lindenhurst, New York, NYSDEC Contract No. D004134.

Constituent: Units as noted	NYSDEC Effluent Limits	MIDFLUENT HEADER 2/18/2004	MIDFLUENT HEADER 3/24/2004	MIDFLUENT HEADER 4/13/2004
General Chemistry				
COD, dissolved (mg/L)	NL	--	--	--
Conductivity, dissolved at 25°C (ms/cm)	NL	--	--	0.22
Turbidity (NTU)	NL	--	--	0
pH (s.u.)	6 to 9	--	--	5.7
Alkalinity (mg/L)	NL	--	--	--
Dissolved Oxygen (mg/L)	NL	--	--	7.6

Notes:

*	Only parameters that are required for effluent monitoring and parameters that have concentrations exceeding the detection limits have been included above. A complete list of parameters is included in the Analytical Reports located in Appendix A.
**	Analysis was performed by Environmental Testing Laboratories, Inc. of Farmingdale, New York
ug/L	Micrograms per liter.
mg/L	Milligrams per liter.
ms/cm	Millisiemens per centimeter.
s.u.	Standard pH units.
TDS	Total Dissolved Solids
TSS	Total Suspended Solids
NL	No Limit
ND	Not detected above detection limit shown in parenthesis.
--	Sample not analyzed for specific parameter

Table 1. Summary of Process Water Analytical Data, February, March and April 2004 Sampling Events, Active Industrial Uniform Site, 67 West Montauk Highway, Lindenhurst, New York, NYSDEC Contract No. D004134.

Constituent: Units as noted	**NYSDEC Effluent Limits**	EFFLUENT DISCHARGE 2/18/2004	EFFLUENT DISCHARGE 3/24/2004	EFFLUENT DISCHARGE 4/13/2004
Volatile Organic Compounds (ug/L)				
Tetrachloroethene	4	2.39	ND (0.35)	ND (0.35)
c-1,2-Dichloroethene	10	0.74	ND (0.31)	ND (0.31)
Sum of VOC Constituents		3.1	0.0	0.0
Inorganic Compounds mg/L				
Iron	4	1.25	0.13	0.043
TDS	monitor	--	--	148
TSS	20	--	--	ND (4.58)
Manganese	2	1.12	1.23	1.26
Arsenic	0.14	0.0084	0.0098	0.0065
Nickel	0.065	0.0008	0.0011	ND (0.0005)
Zinc	0.37	0.014	0.013	0.0095
Antimony	NL	ND (0.0020)	ND (0.0020)	0.0086
Barium	NL	0.019	0.018	0.018
Beryllium	NL	0.0003	0.0003	ND (0.00020)
Calcium	NL	20.7	21.4	22.8
Chromium	NL	0.0017	ND (0.0016)	ND (0.0016)
Cobalt	NL	ND (0.00040)	0.0005	ND (0.00040)
Lead	NL	0.003	0.0064	0.002
Magnesium	NL	3.68	3.92	3.83
Potassium	NL	2.93	2.97	2.82
Residual Chlorine	NL	ND	ND	ND
Selenium	NL	0.006	ND (0.0043)	ND (0.0043)
Sodium	NL	22.5	23.5	23.3
Thallium	NL	0.017	0.014	0.013

Table 1. Summary of Process Water Analytical Data, February, March and April 2004 Sampling Events, Active Industrial Uniform Site, 67 West Montauk Highway, Lindenhurst, New York, NYSDEC Contract No. D004134.

Constituent: Units as noted	**NYSDEC Effluent Limits**	EFFLUENT DISCHARGE 2/18/2004	EFFLUENT DISCHARGE 3/24/2004	EFFLUENT DISCHARGE 4/13/2004
General Chemistry				
COD, dissolved (mg/L)	NL	15.2	ND (4.80)	42.1
Conductivity, dissolved at 25°C (ms/cm)	NL	0.216	0.212	0.21
Turbidity (NTU)	NL	5	0	0
pH (s.u.)	6 to 9	6.60	5.89	6.2
Alkalinity (mg/L)	NL	35	28	40
Dissolved Oxygen (mg/L)	NL	7.35	7.43	7.9

Notes:

*	Only parameters that are required for effluent monitoring and parameters that have concentrations exceeding the detection limits have been included above. A complete list of parameters is included in the Analytical Reports located in Appendix A.
**	Analysis was performed by Environmental Testing Laboratories, Inc. of Farmingdale, New York
ug/L	Micrograms per liter.
mg/L	Milligrams per liter.
ms/cm	Millisiemens per centimeter.
s.u.	Standard pH units.
TDS	Total Dissolved Solids
TSS	Total Suspended Solids
NL	No Limit
ND	Not detected above detection limit shown in parenthesis.
--	Sample not analyzed for specific parameter

Table 2. Summary of Process Vapor Analytical Data, February, March and April 2004 Sampling Events, Active Industrial Uniform Site, 67 West Montauk Highway, Lindenhurst, New York, NYSDEC Contract No. D004134.

Constituent: / Units as noted	Sample ID/Port: / Sample Location: / Date Collected:	INFLUENT TO CARBON 2/18/2004	INFLUENT TO CARBON 3/24/2004	INFLUENT TO CARBON 4/13/2004
VOCs - 601/602 & TO-15 (ppm_v):				
cis-1,2-Dichloroethene		0.13	ND (0.005)	0.49
Tetrachloroethene		0.35	0.016	1
Trichloroethene		0.092	ND (0.005)	0.22
1,2,4- Trimethylbenzene		--	0.08	0.03
1,2,5-Trimethylbenzene		--	0.067	0.019
4-ethyltoluene		--	0.083	0.012
Acetone		--	0.033	ND (0.005)
1,1,1-Trichloroethane		ND (0.005)	ND (0.005)	0.0054
Total Xylenes		--	ND (0.005)	0.001 J
Toluene		ND (0.1)	ND (0.005)	0.001 J
trans- 1,2-Dichloroethene		ND (0.01)	ND (0.005)	0.003 J
Methyl tert-butyl ether		--	ND (0.005)	0.0059
Total		0.572	0.279	1.7823

Notes:

* Only parameters that have concentrations exceeding the detection limits have been included above. A complete list of parameters is included in the Analytical Reports located in Appendix A.

** Analysis was performed by Microseeps, Inc. of Pittsburgh, Pennsylvania and Centek Laboratories, LLC of Syracuse, New York

ppm_v Parts per million by volume. Centek results are reported in laboratory report as parts per billion by volume.

-- Parameter not analyzed.

ND Not detected over method detection limits listed in parenthesis.

J Analyte detected below quantitation limits

Table 3. OPERATION & MAINTENANCE FORM, Active Industrial Uniform Site, Lindenhurst, New York, NYSDEC Contract No. D004134.

DATE:	12/21/2001	1/30/2002	3/4/2002	4/5/2002	5/21/2002	6/10/2002
TECHNICIAN:	M-SOLIMAN	M-SOLIMAN	M-SOLIMAN	M-SOLIMAN	M-SOLIMAN	M-SOLIMAN
WATER						
RW-1 Flow (gpm)	90	80	79.4	81	80.6	79.1
RW-1 Total (gallons)	36,300	3,972,000	7,739,697	10,843,349	15,129,285	17,333,260
RW-2 Flow (gpm)	115	100	102	100.7	100.18	100
RW-2 Total (gallons)	40,810	4,959,775	9,718,481	13,679,048	17,852,170	20,605,762
RW-1 Pressure (psi)	16.5	21	20	21	22	22
RW-2 Pressure (psi)	17	32	30	32	33	18
Combined Pressure (psi)	14	13.5	14	14	14	14
P-1 Pressure (psi)	14	14	14	14	13	13
P-2 Pressure (psi)	24	12	27	14	12	12
Filter in Pressure (psi)	---	---	28	28	27	28
Filter out Pressure (psi)	---	---	11	11	12	12
Effluent Flow (gpm)	197	182	184	192	180.4	177.1
Effluent Total (gallons)	---	8,980,610	17,577,514	24,708,172	33,158,338	38,099,669
AIR						
Air Flow (IWC)	---	---	---	---	---	---
Midfluent Vacuum (IWC)	5.5	0	0	0	0	0
Blower Influent Vacuum (IWC)	10.5	13	13	12	12	12
Blower Effluent Pressure (IWC)	---	5	5	3	8	8
Carbon 1 Pressure (IWC)	7	5	4	4	6	6
Carbon 1 Temperature (F)	65	70	60	64	79	79
Carbon 2 Pressure (IWC)	4	3	5	2	3	3
Carbon 2 Temperature (F)	65	65	60	58	79	79
NOTES						
Cartridge Filter Bypassed	N	Y	N	N	N	N
Lead Carbon Changeout	N	N	N	Y	N	N
Lag Carbon Changeout	N	N	N	N	N	N
Water in Sump	Y	Y	Y	N	N	N
Acid Wash Performed	N	N	N	N	N	N
Air Samples Collected	Y	Y	Y	Y	Y	Y
Water Samples Collected	Y	Y	Y	Y	Y	Y
Well Samples Collected	N	N	N	N	N	N

Table 3. OPERATION & MAINTENANCE FORM, Active Industrial Uniform Site, Lindenhurst, New York, NYSDEC Contract No. D004134.

DATE:	7/9/2002	8/15/2002	9/12/2002	10/11/2002	11/7/2002	12/11/2002
TECHNICIAN:	M-SOLIMAN	M-SOLIMAN	M-SOLIMAN	M-SOLIMAN	M-SOLIMAN	C-FAWD
WATER						
RW-1 Flow (gpm)	80.02	77.8	82.6	84.2	83.3	84.5
RW-1 Total (gallons)	20,248,498	24,392,360	27,418,196	30,622,274	33,685,276	37,194,460
RW-2 Flow (gpm)	91.45	89.1	88.7	85.1	82	NG
RW-2 Total (gallons)	24,106,302	28,886,434	32,316,484	35,828,892	38,936,800	NG
RW-1 Pressure (psi)	22	22	20	19	20	18
RW-2 Pressure (psi)	23	22	22	21	21	NG
Combined Pressure (psi)	14	14	13	14	14	13
P-1 Pressure (psi)	13	13	13	14	13	12
P-2 Pressure (psi)	12	14	13	12	14	5
Filter in Pressure (psi)	0	16	15	14	16	0
Filter out Pressure (psi)	0	10	10	11	9	3
Effluent Flow (gpm)	171.58	168	167.7	166.67	160.8	59
Effluent Total (gallons)	44,445,564	53,294,889	59,681,940	66,331,600	72,407,999	78,222,360
AIR						
Air Flow (IWC)	0.9	0.9	0.9	0.9	0.9	0.9
Midfluent Vacuum (IWC)	0	0	0	0	0	0
Blower Influent Vacuum (IWC)	10	11	12	12	11	11
Blower Effluent Pressure (IWC)	5	5	3	4	4	5
Carbon 1 Pressure (IWC)	5	5	5	5	6	5
Carbon 1 Temperature (F)	84	83	77	70	67	60
Carbon 2 Pressure (IWC)	3	3	3	3	3	3
Carbon 2 Temperature (F)	82	81	77	70	62	55
NOTES						
Cartridge Filter Bypassed	N	N	N	N	N	N
Lead Carbon Changeout	Y	N	N	N	N	N
Lag Carbon Changeout	N	N	N	N	N	Y
Water in Sump	N	N	N	N	N	N
Acid Wash Performed	N	N	N	N	N	Y
Air Samples Collected	Y	Y	Y	Y	Y	Y
Water Samples Collected	Y	Y	Y	Y	Y	Y
Well Samples Collected	N	N	N	N	N	N

Table 3. OPERATION & MAINTENANCE FORM, Active Industrial Uniform Site, Lindenhurst, New York, NYSDEC Contract No. D004134.

DATE:	1/10/2003	2/12/2003	3/13/2003	4/4/2003	5/6/2003	6/17/2003
TECHNICIAN:	C-FAWD	C-FAWD	M-SOLIMAN	C-FERRITO	WALASSON	M-SOLIMAN
WATER						
RW-1 Flow (gpm)	82.82	83.2	77.2	77.45	77.8	70.74
RW-1 Total (gallons)	40,393,160	44,178,624	47,493,112	49,886,480	53,345,440	57,731,644
RW-2 Flow (gpm)	NG	NG	NG	82.62	79.27	74.32
RW-2 Total (gallons)	NG	NG	NG	4,248,139	46,189,696	50,803,184
RW-1 Pressure (psi)	20	16	20	20	15	19
RW-2 Pressure (psi)	NG	NG	NG	20	20	15
Combined Pressure (psi)	13	13	13	13	13	13
P-1 Pressure (psi)	12	12	12	13	15	13
P-2 Pressure (psi)	12	2	4	13	18	15
Filter in Pressure (psi)	11	4	22	15	18	19
Filter out Pressure (psi)	22	2	13	10	10	9
Effluent Flow (gpm)	84.2	66.5	163.9	155.19	151.41	144.54
Effluent Total (gallons)	81,289,488	84,887,344	88,056,612	91,505,690	98,619,736	107,521,888
AIR						
Air Flow (IWC)	0.9	0.9	0.9	0.9		0.74
Midfluent Vacuum (IWC)	0	0	0	0		11.5
Blower Influent Vacuum (IWC)	9	6	12	12		11
Blower Effluent Pressure (IWC)	5	5	5	5		6
Carbon 1 Pressure (IWC)	5	6	5	6	3	5.5
Carbon 1 Temperature (F)	60	60	60	60	62	78
Carbon 2 Pressure (IWC)	3	3	5	3	5	3
Carbon 2 Temperature (F)	60	50	60	56	62	78
NOTES						
Cartridge Filter Bypassed	N	N	N	N		
Lead Carbon Changeout	N	N	N	Y	Y	N
Lag Carbon Changeout	N	N	N	N	Y	N
Water in Sump	Y	Y	N	N	N	
Acid Wash Performed	N	N	Y	N	Y	N
Air Samples Collected	Y	Y	Y	Y	Y	Y
Water Samples Collected	Y	Y	Y	Y	Y	Y
Well Samples Collected	N	N	N	N	N	N

Table 3. OPERATION & MAINTENANCE FORM, Active Industrial Uniform Site, Lindenhurst, New York, NYSDEC Contract No. D004134.

DATE:	7/11/2003	8/12/2003	9/5/2003	10/3/2003	11/6/2003	12/20.03
TECHNICIAN:	WALASSON	CF & CB	CF	CF &KC	CF	CF
WATER						
RW-1 Flow (gpm)	93.99	82.4	85.6	83.7	83.6	89.9
RW-1 Total (gallons)	59,654,928	63,701,788	65,761,244	69,144,560	72,252,776	76,290,896
RW-2 Flow (gpm)	Off	77.3	77	76.3	75.9	78.1
RW-2 Total (gallons)	Off	53,981,556	56,215,644	59,276,352	62,109,224	654,706,672
RW-1 Pressure (psi)	20	22	21	21	21	19
RW-2 Pressure (psi)	Off	16	15	15	15	15
Combined Pressure (psi)	13	14	13	14	13	14
P-1 Pressure (psi)	13	13	14	13	13	14
P-2 Pressure (psi)	4	18	16	16	16	16
Filter in Pressure (psi)	7	23	18	20	11.5	24
Filter out Pressure (psi)	0	12	13	12	17	12
Effluent Flow (gpm)	94.21	161.5	160.33	159	159.2	163.2
Effluent Total (gallons)	110,389,496	116,674,696	120,976,528	127,412,272	133,325,016	140,630,288
AIR						
Air Flow (IWC)	4	0.9	0.9	0.9	0.9	0.9
Midfluent Vacuum (IWC)	0	0	0	0	0	5
Blower Influent Vacuum (IWC)	12	10	12	12	12	10
Blower Effluent Pressure (IWC)	4	4	5	9	5	0
Carbon 1 Pressure (IWC)	5	6	6	6	7	5
Carbon 1 Temperature (F)	78	82	80	70	70	60
Carbon 2 Pressure (IWC)	3	3	3	3	3	3
Carbon 2 Temperature (F)	78	81	80	69	68	55
NOTES						
Cartridge Filter Bypassed						
Lead Carbon Changeout	Y	N	Y	Y	N	N
Lag Carbon Changeout	N	N	Y	Y	N	N
Water in Sump	N	Y	N	N	N	Y
Acid Wash Performed	Y	N	N	N	Y	N
Air Samples Collected	Y	Y	Y	Y	Y	Y
Water Samples Collected	Y	Y	Y	Y	Y	Y
Well Samples Collected	Y	N	N	N	N	N

Table 3. OPERATION & MAINTENANCE FORM, Active Industrial Uniform Site, Lindenhurst, New York, NYSDEC Contract No. D004134.

DATE:	2/18/2004	3/24/2004	4/13/2004			
TECHNICIAN:	WALASSON	WALASSON	WALASSON			
WATER						
RW-1 Flow (gpm)	87.43	85.89	85.66			
RW-1 Total (gallons)	79,849,080	84,116,024	86,558,888			
RW-2 Flow (gpm)	Off	Off	Off			
RW-2 Total (gallons)	Off	Off	Off			
RW-1 Pressure (psi)	19	19	19			
RW-2 Pressure (psi)	Off	Off	Off			
Combined Pressure (psi)	12	12.5	13			
P-1 Pressure (psi)	20	12	12			
P-2 Pressure (psi)	Off	19	20			
Filter in Pressure (psi)	27	20	22			
Filter out Pressure (psi)	13	12	14			
Effluent Flow (gpm)	149.73	142.06	146.68			
Effluent Total (gallons)	146,472,688	1,150,573,792	1,152,912,304			
AIR						
Air Flow (IWC)	0.9					
Midfluent Vacuum (IWC)	0		0			
Blower Influent Vacuum (IWC)	8		10			
Blower Effluent Pressure (IWC)	0.4	0.9	6			
Carbon 1 Pressure (IWC)	5	6	5			
Carbon 1 Temperature (F)	58	66	62			
Carbon 2 Pressure (IWC)	2	4	3			
Carbon 2 Temperature (F)	58	60	60			
NOTES						
Cartridge Filter Bypassed						
Lead Carbon Changeout	Y	Y	Y			
Lag Carbon Changeout	Y	Y	Y			
Water in Sump	N	N	N			
Acid Wash Performed	Y	Y	Y			
Air Samples Collected	Y	Y	Y			
Water Samples Collected	Y	Y	Y			
Well Samples Collected	Y	Y	Y			

Table 4. Summary of TO-15 Stack Vapor Sample Data, March and April 2004 Sampling Events, Active Industrial Uniform Site, 67 West Montauk Highway, Lindenhurst, New York, NYSDEC Contract No. D004134.

Compound	Reporting Limit (ppb_v)	3/24/04 [Stack] (ppb_v)		4/13/04 [Stack] (ppb_v)	
1,2,4-Trimethylbenzene	5.0	28		ND	
1,3,5-Trimethylbenzene	5.0	15		ND	
4-ethyltoluene	5.0	20		ND	
Acetone	5.0	32		ND	
cis-1,2-Dichloroethene	5.0	ND		2 J	
Tetrachloroethene	5.0	14		ND	
TOTAL VOCS:		**109.00**	**ppb_v**	**2 J**	**ppb_v**
		0.109	**ppm_v**	**0.002 J**	**ppm_v**

* Only parameters that have concentrations exceeding the detection limits have been included above. A complete list of parameters is included in the Analytical Reports located in Appendix A.

ND Compound not detected.

ppb_v Parts per billion by volume.

ppm_v Parts per million by volume.

VOCs Volatile organic compounds.

J Analyte detected below quantitation limits

Table 5. Summary of Vapor Effluent Discharge Rates March and April 2004 Sampling Events, Active Industrial Uniform Site, 67 West Montauk Highway, Lindenhurst, New York, NYSDEC Contract No. D004134.

Compound	Cas. No	Detection Limit (ppb_v)	**NYSDEC Permitted Effluent Limits (lbs/hr)**	3/24/04 Stack Concentration (ppbv)	Air Flow Rate (cfm)	Molecular Weight	VOC Emission Rate (lbs/hr)
Trichloroethene	79-01-6	0.68	0.006	ND	1326	131.39	---
Tetrachloroethene	127-18-4	0.68	0.007	14	1326	165.83	0.000487
c-1,2-Dichloroethene	156-59-2	0.68	0.003	ND	1326	96.94	---
1,1,1-Trichloroethane	71-55-6	0.68	0.001	ND	1326	133.4	---
m-Xylene	108-38-3	0.68	0.001	ND	1326	106.17	---
p-Xylene	106-42-3	0.68	0.001	ND	1326	106.17	---
o-Xylene	95-47-6	0.68	0.001	ND	1326	106.17	---
Vinyl Chloride	75-01-4	0.68	0.014	ND	1326	62.5	---
Freon 12	NA	0.68	NL	ND	1326	120.91	---
Chloromethane	NA	2.7	NL	ND	1326	71.5	---
1,1-Dichloroethene	75-35-4	0.68	NL	ND	1326	96.94	---
Methylene Chloride	75-09-2	0.68	NL	ND	1326	84.9	---
1,1-Dichloroethane	75-34-3	0.68	NL	ND	1326	98.96	---
Toluene	108-88-3	0.68	NL	ND	1326	92.14	---
Acetone	67-64-1	5	NL	32	1326	58.08	0.000389
2-Butanone	78-93-3	2.7	NL	ND	1326	72.11	---
Tetrahydrofuran	109-99-9	2.7	NL	ND	1326	72.11	---
1,2,4-Trimethylbenzene	95-63-6	5	NL	28	1326	120.19	0.000705
1,3,5-Trimethylbenzene	108-67-8	5	NL	15	1326	120.19	0.000378
4-ethyltoluene	622-96-8	5	NL	20	1326	120.19	0.000504
Ethanol	NA	2.7	NL	ND	1326	45	---
Total			0.034	109.0			0.002463

ND Compound not detected.
ppb_v Parts per billion by volume.
VOCs Volatile organic compounds.
NL No limit specified in permit application.
NA Not Applicable.

Table 5. Summary of Vapor Effluent Discharge Rates March and April 2004 Sampling Events, Active Industrial Uniform Site, 67 West Montauk Highway, Lindenhurst, New York, NYSDEC Contract No. D004134.

Compound	Cas. No	Detection Limit (ppb_v)	**NYSDEC Permitted Effluent Limits (lbs/hr)**	4-13-04 Stack Concentration (ppbv)	Air Flow Rate (cfm)	VOC Emission Rate (lbs/hr)
Trichloroethene	79-01-6	0.73	0.006	ND	1326	---
Tetrachloroethene	127-18-4	0.73	0.007	ND	1326	---
c-1,2-Dichloroethene	156-59-2	0.73	0.003	2	1326	0.000041
1,1,1-Trichloroethane	71-55-6	0.73	0.001	ND	1326	---
m-Xylene	108-38-3	0.73	0.001	ND	1326	---
p-Xylene	106-42-3	0.73	0.001	ND	1326	---
o-Xylene	95-47-6	0.73	0.001	ND	1326	---
Vinyl Chloride	75-01-4	0.73	0.014	ND	1326	---
Freon 12	NA	0.73	NL	ND	1326	---
Chloromethane	NA	2.9	NL	ND	1326	---
1,1-Dichloroethene	75-35-4	0.73	NL	ND	1326	---
Methylene Chloride	75-09-2	0.73	NL	ND	1326	---
1,1-Dichloroethane	75-34-3	0.73	NL	ND	1326	---
Toluene	108-88-3	0.73	NL	ND	1326	---
Acetone	67-64-1	2.7	NL	ND	1326	---
2-Butanone	78-93-3	2.7	NL	ND	1326	---
Tetrahydrofuran	109-99-9	2.7	NL	ND	1326	---
1,2,4-Trimethylbenzene	95-63-6	5	NL	ND	1326	---
1,3,5-Trimethylbenzene	108-67-8	5	NL	ND	1326	---
4-ethyltoluene	622-96-8	5	NL	ND	1326	---
Ethanol	NA	2.7	NL	ND	1326	---
Total			0.034	2.00		0.000041

ND Compound not detected.
ppb_v Parts per billion by volume.
VOCs Volatile organic compounds.
NL No limit specified in permit application.
NA Not Applicable.
Value for cis-1,2-Dichloroethene is estimated at 2.

Appendix A

Laboratory Analytical Results of
Process Vapor Samples
February, March and April 2004
Sampling Events
Active Industrial Uniform Site
67 West Montauk Highway
Lindenhurst, New York, NYSDEC
Contract No. D004134

MICROSEEPS

Client Name: Blue Water Environmental
Contact: Mark Soliman
Address: 1610 New Highway

Farmington, NY 11735

Page: Page 1 of 2
Lab Proj #: P0402411
Report Date: 03/02/04
Client Proj Name: Active
Client Proj #: 02370-01830

Laboratory Results

Total pages in data package: 2

Lab Sample #	Client Sample ID
P0402411-01	INFLUENT

Microseeps test results meet all the requirements of the NELAC standards

Approved By: Rebecca J. Hans

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis

As a valued client we would appreciate your comments on our service.
Please call customer servce at (412)826-5245 or email bhans@microseeps com

Case Narrative:

Lab Proj #: P0402411
Report Date: 03/02/04
Client Proj Name: Active
Client Proj #: 02370-01830

Client Name: Blue Water Environmental
Contact: Mark Soliman
Address: 1610 New Highway
Farmington, NY 11735

Lab Sample #: P0402411-01

Sample Description	Matrix	Sampled Date/Time	Received
INFLUENT	Vapor	18 Feb 04 13:00	23 Feb 04

Analyte(s)	Result	PQL	Units	Method #	Analyst	Analysis Date
RiskAnalysis						
1,1,1-Trichloroethane	<0.0050	0.0050	PPMV	AM4.02	rw	2/26/2004
1,1,2,2-Tetrachloroethane	<0.0050	0.0050	PPMV	AM4.02	rw	2/26/2004
1,1,2-Trichloroethane	<0.0050	0.0050	PPMV	AM4.02	rw	2/26/2004
1,1-Dichloroethane	<0.010	0.010	PPMV	AM4.02	rw	2/26/2004
1,1-Dichloroethene	<0.010	0.010	PPMV	AM4.02	rw	2/26/2004
1,2-Dichlorobenzene	<0.10	0.10	PPMV	AM4.02	rw	2/26/2004
1,2-Dichloroethane	<0.010	0.010	PPMV	AM4.02	rw	2/26/2004
1,2-Dichloropropane	<0.010	0.010	PPMV	AM4.02	rw	2/26/2004
1,3-Dichlorobenzene	<0.10	0.10	PPMV	AM4.02	rw	2/26/2004
1,4-Dichlorobenzene	<0.10	0.10	PPMV	AM4.02	rw	2/26/2004
Benzene	<0.10	0.10	PPMV	AM4.02	rw	2/26/2004
Bromodichloromethane	<0.0050	0.0050	PPMV	AM4.02	rw	2/26/2004
Bromoform	<0.0050	0.0050	PPMV	AM4.02	rw	2/26/2004
Bromomethane and Chloroethane	<1.0	1.0	PPMV	AM4.02	rw	2/26/2004
Carbon Tetrachloride	<0.0050	0.0050	PPMV	AM4.02	rw	2/26/2004
Chlorobenzene	<0.10	0.10	PPMV	AM4.02	rw	2/26/2004
Chlorodibromomethane	<0.0050	0.0050	PPMV	AM4.02	rw	2/26/2004
Chloroform	<0.0050	0.0050	PPMV	AM4.02	rw	2/26/2004
Chloromethane	<1.0	1.0	PPMV	AM4.02	rw	2/26/2004
cis-1,2-Dichloroethene	0.13	0.010	PPMV	AM4.02	rw	2/26/2004
cis-1,3-Dichloropropene	<0.010	0.010	PPMV	AM4.02	rw	2/26/2004
Ethylbenzene	<0.10	0.10	PPMV	AM4.02	rw	2/26/2004
Methylene Chloride	<2.0	2.0	PPMV	AM4.02	rw	2/26/2004
Tetrachloroethene	0.35	0.0050	PPMV	AM4.02	rw	2/26/2004
Toluene	<0.10	0.10	PPMV	AM4.02	rw	2/26/2004
trans-1,2-Dichloroethene	<0.010	0.010	PPMV	AM4.02	rw	2/26/2004
trans-1,3-Dichloropropene	<0.010	0.010	PPMV	AM4.02	rw	2/26/2004
Trichloroethene	0.092	0.0050	PPMV	AM4.02	rw	2/26/2004
Trichlorofluoromethane	<0.0050	0.0050	PPMV	AM4.02	rw	2/26/2004
Vinyl Chloride	<1.0	1.0	PPMV	AM4.02	rw	2/26/2004

N - NELAC certified analysis

CENTEK LABORATORIES, LLC

Chain of Custody

143 Midler Park Drive * Syracuse, New York 13206
Phone (315) 431-9730 * Fax (315) 431-9731

NELAC No. 11830

Company Name: Blue Water Environmental, Inc.		Site Name ACTIVE INDUSTRIAL	
Client Contact: Mark Soliman		Phone # 631-249-1872 x266	Project #: 02370-01830
	Send Report To: M. Soliman	Send Invoice To: M. Soliman	
Name	Mark Soliman		
Company	Blue Water Environmental, Inc.		
Address	1610 New Highway Farmingdale, NY 11735		
Phone	631-752-2145		
Fax	631-752-3008		
e-mail	msoliman@bluewaterenv.com		

Payment Choice:

Purchase order # 02370-01830 – B10128		Credit Card (type)	
Authorization:		Card #	Date exp:

Turnaround Time Requested:

Same Day:	Next Day (24hr)	Normal (5 business days) x		Other (specify)	
Reporting units: Please circle choice/s	**ppbV X**	**ug/m3**	**mg/m3**		

Sample Identification	Date Sampled	Canister Number	Regulator Number	Analysis Requested	Comments
INFLUENT	3/24/04	70	–	601/602	
STACK	3/24/04	72		TO-14	

Sampled By: WALLACE Company: Blue Water Environmental, Inc.		Name of Courier Fed Ex	
Relinquished by: (sign) Mark P. Soliman	Date 4/5/04	Time 12:00	Received by: (sign)
Relinquished by: (sign)	Date	Time	Received by: (sign)
Relinquished by: (sign)	Date	Time	Received for lab by: (sign)

Centek Laboratories, LLC

Date: *08-Apr-04*

CLIENT:	Blue Water Environmental, Inc.	**Client Sample ID:** [redacted]	
Lab Order:	C0404006	**Tag Number:**	70
Project:	012370-01830	**Collection Date:**	3/24/2004
Lab ID:	C0404006-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	5.0		ppbV	1	4/6/2004
1,1,2,2-Tetrachloroethane	ND	5.0		ppbV	1	4/6/2004
1,1,2-Trichloroethane	ND	5.0		ppbV	1	4/6/2004
1,1-Dichloroethane	ND	5.0		ppbV	1	4/6/2004
1,1-Dichloroethene	ND	5.0		ppbV	1	4/6/2004
1,2,4-Trichlorobenzene	ND	5.0		ppbV	1	4/6/2004
1,2,4-Trimethylbenzene	80	5.0		ppbV	1	4/6/2004
1,2-Dibromoethane	ND	5.0		ppbV	1	4/6/2004
1,2-Dichlorobenzene	ND	5.0		ppbV	1	4/6/2004
1,2-Dichloroethane	ND	5.0		ppbV	1	4/6/2004
1,2-Dichloropropane	ND	5.0		ppbV	1	4/6/2004
1,3,5-Trimethylbenzene	67	5.0		ppbV	1	4/6/2004
1,3-butadiene	ND	5.0		ppbV	1	4/6/2004
1,3-Dichlorobenzene	ND	5.0		ppbV	1	4/6/2004
1,4-Dichlorobenzene	ND	5.0		ppbV	1	4/6/2004
1,4-Dioxane	ND	5.0		ppbV	1	4/6/2004
2,2,4-trimethylpentane	ND	5.0		ppbV	1	4/6/2004
4-ethyltoluene	83	5.0		ppbV	1	4/6/2004
Acetone	33	5.0		ppbV	1	4/6/2004
Allyl chloride	ND	5.0		ppbV	1	4/6/2004
Benzene	ND	5.0		ppbV	1	4/6/2004
Benzyl chloride	ND	5.0		ppbV	1	4/6/2004
Bromodichloromethane	ND	5.0		ppbV	1	4/6/2004
Bromoform	ND	5.0		ppbV	1	4/6/2004
Bromomethane	ND	5.0		ppbV	1	4/6/2004
Carbon disulfide	ND	5.0		ppbV	1	4/6/2004
Carbon tetrachloride	ND	5.0		ppbV	1	4/6/2004
Chlorobenzene	ND	5.0		ppbV	1	4/6/2004
Chloroethane	ND	5.0		ppbV	1	4/6/2004
Chloroform	ND	5.0		ppbV	1	4/6/2004
Chloromethane	ND	5.0		ppbV	1	4/6/2004
cis-1,2-Dichloroethene	ND	5.0		ppbV	1	4/6/2004
cis-1,3-Dichloropropene	ND	5.0		ppbV	1	4/6/2004
Cyclohexane	ND	5.0		ppbV	1	4/6/2004
Dibromochloromethane	ND	5.0		ppbV	1	4/6/2004
Ethyl acetate	ND	5.0		ppbV	1	4/6/2004
Ethylbenzene	ND	5.0		ppbV	1	4/6/2004
Freon 11	ND	5.0		ppbV	1	4/6/2004
Freon 113	ND	5.0		ppbV	1	4/6/2004
Freon 114	ND	5.0		ppbV	1	4/6/2004

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *08-Apr-04*

CLIENT:	Blue Water Environmental, Inc.	**Client Sample ID:**	Influent
Lab Order:	C0404006	**Tag Number:**	70
Project:	012370-01830	**Collection Date:**	3/24/2004
Lab ID:	C0404006-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
Freon 12	ND	5.0		ppbV	1	4/6/2004
Heptane	ND	5.0		ppbV	1	4/6/2004
Hexachloro-1,3-butadiene	ND	5.0		ppbV	1	4/6/2004
Hexane	ND	5.0		ppbV	1	4/6/2004
Isopropyl alcohol	ND	5.0		ppbV	1	4/6/2004
m-Xylene	ND	5.0		ppbV	1	4/6/2004
Methyl Butyl Ketone	ND	5.0		ppbV	1	4/6/2004
Methyl Ethyl Ketone	ND	5.0		ppbV	1	4/6/2004
Methyl Isobutyl Ketone	ND	5.0		ppbV	1	4/6/2004
Methyl tert-butyl ether	ND	5.0		ppbV	1	4/6/2004
Methylene chloride	ND	5.0		ppbV	1	4/6/2004
o-Xylene	ND	5.0		ppbV	1	4/6/2004
p-Xylene	ND	5.0		ppbV	1	4/6/2004
Propylene	ND	5.0		ppbV	1	4/6/2004
Styrene	ND	5.0		ppbV	1	4/6/2004
Tetrachloroethylene	16	5.0		ppbV	1	4/6/2004
Tetrahydrofuran	ND	5.0		ppbV	1	4/6/2004
Toluene	ND	5.0		ppbV	1	4/6/2004
trans-1,2-Dichloroethene	ND	5.0		ppbV	1	4/6/2004
trans-1,3-Dichloropropene	ND	5.0		ppbV	1	4/6/2004
Trichloroethene	ND	5.0		ppbV	1	4/6/2004
Vinyl acetate	ND	5.0		ppbV	1	4/6/2004
Vinyl Bromide	ND	5.0		ppbV	1	4/6/2004
Vinyl chloride	ND	5.0		ppbV	1	4/6/2004
Surr: Bromofluorobenzene	100	87.8-104		%REC	1	4/6/2004
TIC: Benzene, (1-methylethyl)-	22	0	JN	ppbV	1	4/6/2004
TIC: Benzene, 1,2,3-trimethyl-	23	0	JN	ppbV	1	4/6/2004
TIC: Benzene, 1-ethyl-methyl-(isomer) (18.14)	150	0	JN	ppbV	1	4/6/2004
TIC: Benzene, 1-ethyl-methyl-(isomer) (18.42)	60	0	JN	ppbV	1	4/6/2004
TIC: Benzene, 1-methyl-2-(1-methylethyl	5.9	0	JN	ppbV	1	4/6/2004
TIC: Benzene, 1-propenyl-	13	0	JN	ppbV	1	4/6/2004
TIC: Benzene, propyl-	57	0	JN	ppbV	1	4/6/2004
TIC: D-Limonene	5.1	0	JN	ppbV	1	4/6/2004

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: *08-Apr-04*

CLIENT:	Blue Water Environmental, Inc.	**Client Sample ID:**	Stack
Lab Order:	C0404006	**Tag Number:**	72
Project:	012370-01830	**Collection Date:**	3/24/2004
Lab ID:	C0404006-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	5.0		ppbV	1	4/6/2004
1,1,2,2-Tetrachloroethane	ND	5.0		ppbV	1	4/6/2004
1,1,2-Trichloroethane	ND	5.0		ppbV	1	4/6/2004
1,1-Dichloroethane	ND	5.0		ppbV	1	4/6/2004
1,1-Dichloroethene	ND	5.0		ppbV	1	4/6/2004
1,2,4-Trichlorobenzene	ND	5.0		ppbV	1	4/6/2004
1,2,4-Trimethylbenzene	28	5.0		ppbV	1	4/6/2004
1,2-Dibromoethane	ND	5.0		ppbV	1	4/6/2004
1,2-Dichlorobenzene	ND	5.0		ppbV	1	4/6/2004
1,2-Dichloroethane	ND	5.0		ppbV	1	4/6/2004
1,2-Dichloropropane	ND	5.0		ppbV	1	4/6/2004
1,3,5-Trimethylbenzene	15	5.0		ppbV	1	4/6/2004
1,3-butadiene	ND	5.0		ppbV	1	4/6/2004
1,3-Dichlorobenzene	ND	5.0		ppbV	1	4/6/2004
1,4-Dichlorobenzene	ND	5.0		ppbV	1	4/6/2004
1,4-Dioxane	ND	5.0		ppbV	1	4/6/2004
2,2,4-trimethylpentane	ND	5.0		ppbV	1	4/6/2004
4-ethyltoluene	20	5.0		ppbV	1	4/6/2004
Acetone	32	5.0		ppbV	1	4/6/2004
Allyl chloride	ND	5.0		ppbV	1	4/6/2004
Benzene	ND	5.0		ppbV	1	4/6/2004
Benzyl chloride	ND	5.0		ppbV	1	4/6/2004
Bromodichloromethane	ND	5.0		ppbV	1	4/6/2004
Bromoform	ND	5.0		ppbV	1	4/6/2004
Bromomethane	ND	5.0		ppbV	1	4/6/2004
Carbon disulfide	ND	5.0		ppbV	1	4/6/2004
Carbon tetrachloride	ND	5.0		ppbV	1	4/6/2004
Chlorobenzene	ND	5.0		ppbV	1	4/6/2004
Chloroethane	ND	5.0		ppbV	1	4/6/2004
Chloroform	ND	5.0		ppbV	1	4/6/2004
Chloromethane	ND	5.0		ppbV	1	4/6/2004
cis-1,2-Dichloroethene	ND	5.0		ppbV	1	4/6/2004
cis-1,3-Dichloropropene	ND	5.0		ppbV	1	4/6/2004
Cyclohexane	ND	5.0		ppbV	1	4/6/2004
Dibromochloromethane	ND	5.0		ppbV	1	4/6/2004
Ethyl acetate	ND	5.0		ppbV	1	4/6/2004
Ethylbenzene	ND	5.0		ppbV	1	4/6/2004
Freon 11	ND	5.0		ppbV	1	4/6/2004
Freon 113	ND	5.0		ppbV	1	4/6/2004
Freon 114	ND	5.0		ppbV	1	4/6/2004

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *08-Apr-04*

CLIENT:	Blue Water Environmental, Inc.	**Client Sample ID:**	Stack
Lab Order:	C0404006	**Tag Number:**	72
Project:	012370-01830	**Collection Date:**	3/24/2004
Lab ID:	C0404006-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
Freon 12	ND	5.0		ppbV	1	4/6/2004
Heptane	ND	5.0		ppbV	1	4/6/2004
Hexachloro-1,3-butadiene	ND	5.0		ppbV	1	4/6/2004
Hexane	ND	5.0		ppbV	1	4/6/2004
Isopropyl alcohol	ND	5.0		ppbV	1	4/6/2004
m-Xylene	ND	5.0		ppbV	1	4/6/2004
Methyl Butyl Ketone	ND	5.0		ppbV	1	4/6/2004
Methyl Ethyl Ketone	ND	5.0		ppbV	1	4/6/2004
Methyl Isobutyl Ketone	ND	5.0		ppbV	1	4/6/2004
Methyl tert-butyl ether	ND	5.0		ppbV	1	4/6/2004
Methylene chloride	ND	5.0		ppbV	1	4/6/2004
o-Xylene	ND	5.0		ppbV	1	4/6/2004
p-Xylene	ND	5.0		ppbV	1	4/6/2004
Propylene	ND	5.0		ppbV	1	4/6/2004
Styrene	ND	5.0		ppbV	1	4/6/2004
Tetrachloroethylene	14	5.0		ppbV	1	4/6/2004
Tetrahydrofuran	ND	5.0		ppbV	1	4/6/2004
Toluene	ND	5.0		ppbV	1	4/6/2004
trans-1,2-Dichloroethene	ND	5.0		ppbV	1	4/6/2004
trans-1,3-Dichloropropene	ND	5.0		ppbV	1	4/6/2004
Trichloroethene	ND	5.0		ppbV	1	4/6/2004
Vinyl acetate	ND	5.0		ppbV	1	4/6/2004
Vinyl Bromide	ND	5.0		ppbV	1	4/6/2004
Vinyl chloride	ND	5.0		ppbV	1	4/6/2004
Surr: Bromofluorobenzene	99.6	87.8-104		%REC	1	4/6/2004
TIC: Benzene, 1,2,3-trimethyl-	7.9	0	JN	ppbV	1	4/6/2004
TIC: Benzene, 1-ethyl-methyl- (isomer) (18.14)	38	0	JN	ppbV	1	4/6/2004
TIC: Benzene, 1-ethyl-methyl- (isomer) (18.43)	14	0	JN	ppbV	1	4/6/2004
TIC: Benzene, propyl-	12	0	JN	ppbV	1	4/6/2004
TIC: Cyclotetrasiloxane, octamethyl-	34	0	JN	ppbV	1	4/6/2004
TIC: Cyclotrisiloxane, hexamethyl-	74	0	JN	ppbV	1	4/6/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CENTEK LABORATORIES, LLC

Chain of Custody

143 Midler Park Drive * Syracuse, New York 13206
Phone (315) 431-9730 * Fax (315) 431-9731

NELAC No. 11830

Company Name: Blue Water Environmental, Inc.		Site Name ACTIVE INDUSTRIAL	
Client Contact: Mark Soliman		Phone # 631-249-1872 x266	Project #: 02370-01830
	Send Report To: M. Soliman	Send Invoice To: M. Soliman	
Name	Mark Soliman		
Company	Blue Water Environmental, Inc.		
Address	1610 New Highway Farmingdale, NY 11735		
Phone	631-752-2145		
Fax	631-752-3008		
e-mail	msoliman@bluewaterenv.com		

Payment Choice:

Purchase order # 02370-01830	Credit Card (type)	
Authorization:	Card #	Date exp:

Turnaround Time Requested:

Same Day:	Next Day (24hr)	Normal (5 business days) x	Other (specify)	
Reporting units: Please circle choice/s	**ppbV x**	**ug/m3**	**mg/m3**	

Sample Identification	Date Sampled	Canister Number	Regulator Number	Analysis Requested	Comments
INFLUENT	4/13/04	70	—	601/602	
STACK	4/13/04	72	—	TO-14	

Sampled By: WALLACE Company: Blue Water Environmental, Inc.		Name of Courier	
Relinquished by: (sign) Mark P. Soliman	Date 4/13/04	Time 1:37 PM	Received by: (sign)
Relinquished by: (sign)	Date	Time	Received by: (sign)
Relinquished by: (sign)	Date	Time	Received for lab by: (sign)

Centek Laboratories, LLC

Date: *19-Apr-04*

CLIENT:	BULEWATER Environmental, Inc.	**Client Sample ID:**	Influent
Lab Order:	C0404013	**Tag Number:**	70
Project:	02370	**Collection Date:**	4/13/2004
Lab ID:	C0404013-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuume Reading "Hg	0			"Hg		4/13/2004
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	5.4	5.0		ppbV	1	4/16/2004
1,1,2,2-Tetrachloroethane	ND	5.0		ppbV	1	4/16/2004
1,1,2-Trichloroethane	ND	5.0		ppbV	1	4/16/2004
1,1-Dichloroethane	ND	5.0		ppbV	1	4/16/2004
1,1-Dichloroethene	ND	5.0		ppbV	1	4/16/2004
1,2,4-Trichlorobenzene	ND	5.0		ppbV	1	4/16/2004
1,2,4-Trimethylbenzene	30	5.0		ppbV	1	4/16/2004
1,2-Dibromoethane	ND	5.0		ppbV	1	4/16/2004
1,2-Dichlorobenzene	ND	5.0		ppbV	1	4/16/2004
1,2-Dichloroethane	ND	5.0		ppbV	1	4/16/2004
1,2-Dichloropropane	ND	5.0		ppbV	1	4/16/2004
1,3,5-Trimethylbenzene	19	5.0		ppbV	1	4/16/2004
1,3-butadiene	ND	5.0		ppbV	1	4/16/2004
1,3-Dichlorobenzene	ND	5.0		ppbV	1	4/16/2004
1,4-Dichlorobenzene	ND	5.0		ppbV	1	4/16/2004
1,4-Dioxane	ND	5.0		ppbV	1	4/16/2004
2,2,4-trimethylpentane	ND	5.0		ppbV	1	4/16/2004
4-ethyltoluene	12	5.0		ppbV	1	4/16/2004
Acetone	ND	5.0		ppbV	1	4/16/2004
Allyl chloride	ND	5.0		ppbV	1	4/16/2004
Benzene	ND	5.0		ppbV	1	4/16/2004
Benzyl chloride	ND	5.0		ppbV	1	4/16/2004
Bromodichloromethane	ND	5.0		ppbV	1	4/16/2004
Bromoform	ND	5.0		ppbV	1	4/16/2004
Bromomethane	ND	5.0		ppbV	1	4/16/2004
Carbon disulfide	ND	5.0		ppbV	1	4/16/2004
Carbon tetrachloride	ND	5.0		ppbV	1	4/16/2004
Chlorobenzene	ND	5.0		ppbV	1	4/16/2004
Chloroethane	ND	5.0		ppbV	1	4/16/2004
Chloroform	ND	5.0		ppbV	1	4/16/2004
Chloromethane	ND	5.0		ppbV	1	4/16/2004
cis-1,2-Dichloroethene	490	50		ppbV	10	4/16/2004
cis-1,3-Dichloropropene	ND	5.0		ppbV	1	4/16/2004
Cyclohexane	ND	5.0		ppbV	1	4/16/2004
Dibromochloromethane	ND	5.0		ppbV	1	4/16/2004
Ethyl acetate	ND	5.0		ppbV	1	4/16/2004
Ethylbenzene	ND	5.0		ppbV	1	4/16/2004

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *19-Apr-04*

CLIENT:	BULEWATER Environmental, Inc.	**Client Sample ID:**	Influent
Lab Order:	C0404013	**Tag Number:**	70
Project:	02370	**Collection Date:**	4/13/2004
Lab ID:	C0404013-001A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
Freon 11	ND	5.0		ppbV	1	4/16/2004
Freon 113	ND	5.0		ppbV	1	4/16/2004
Freon 114	ND	5.0		ppbV	1	4/16/2004
Freon 12	ND	5.0		ppbV	1	4/16/2004
Heptane	ND	5.0		ppbV	1	4/16/2004
Hexachloro-1,3-butadiene	ND	5.0		ppbV	1	4/16/2004
Hexane	ND	5.0		ppbV	1	4/16/2004
Isopropyl alcohol	ND	5.0		ppbV	1	4/16/2004
m-Xylene	ND	5.0		ppbV	1	4/16/2004
Methyl Butyl Ketone	ND	5.0		ppbV	1	4/16/2004
Methyl Ethyl Ketone	ND	5.0		ppbV	1	4/16/2004
Methyl Isobutyl Ketone	ND	5.0		ppbV	1	4/16/2004
Methyl tert-butyl ether	5.9	5.0		ppbV	1	4/16/2004
Methylene chloride	ND	5.0		ppbV	1	4/16/2004
o-Xylene	1	5.0	J	ppbV	1	4/16/2004
p-Xylene	ND	5.0		ppbV	1	4/16/2004
Propylene	ND	5.0		ppbV	1	4/16/2004
Styrene	ND	5.0		ppbV	1	4/16/2004
Tetrachloroethylene	1000	50		ppbV	10	4/16/2004
Tetrahydrofuran	ND	5.0		ppbV	1	4/16/2004
Toluene	1	5.0	J	ppbV	1	4/16/2004
trans-1,2-Dichloroethene	3	5.0	J	ppbV	1	4/16/2004
trans-1,3-Dichloropropene	ND	5.0		ppbV	1	4/16/2004
Trichloroethene	220	50		ppbV	10	4/16/2004
Vinyl acetate	ND	5.0		ppbV	1	4/16/2004
Vinyl Bromide	ND	5.0		ppbV	1	4/16/2004
Vinyl chloride	ND	5.0		ppbV	1	4/16/2004
Surr: Bromofluorobenzene	102	87.8-104		%REC	1	4/16/2004
TIC: Benzene, 1,2,3-trimethyl-	8.9	0	JN	ppbV	1	4/16/2004
TIC: Benzene, propyl-	5.1	0	JN	ppbV	1	4/16/2004
TIC: Benzene,-ethyl-methyl-(isomer) (18.14)	23	0	JN	ppbV	1	4/16/2004
TIC: Benzene,-ethyl-methyl-(isomer) (18.43)	12	0	JN	ppbV	1	4/16/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *19-Apr-04*

CLIENT:	BULEWATER Environmental, Inc.	**Client Sample ID:**	Stack
Lab Order:	C0404013	**Tag Number:**	72
Project:	02370	**Collection Date:**	4/13/2004
Lab ID:	C0404013-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Vacuume Reading "Hg	0			"Hg		4/13/2004
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	ND	5.0		ppbV	1	4/16/2004
1,1,2,2-Tetrachloroethane	ND	5.0		ppbV	1	4/16/2004
1,1,2-Trichloroethane	ND	5.0		ppbV	1	4/16/2004
1,1-Dichloroethane	ND	5.0		ppbV	1	4/16/2004
1,1-Dichloroethene	ND	5.0		ppbV	1	4/16/2004
1,2,4-Trichlorobenzene	ND	5.0		ppbV	1	4/16/2004
1,2,4-Trimethylbenzene	ND	5.0		ppbV	1	4/16/2004
1,2-Dibromoethane	ND	5.0		ppbV	1	4/16/2004
1,2-Dichlorobenzene	ND	5.0		ppbV	1	4/16/2004
1,2-Dichloroethane	ND	5.0		ppbV	1	4/16/2004
1,2-Dichloropropane	ND	5.0		ppbV	1	4/16/2004
1,3,5-Trimethylbenzene	ND	5.0		ppbV	1	4/16/2004
1,3-butadiene	ND	5.0		ppbV	1	4/16/2004
1,3-Dichlorobenzene	ND	5.0		ppbV	1	4/16/2004
1,4-Dichlorobenzene	ND	5.0		ppbV	1	4/16/2004
1,4-Dioxane	ND	5.0		ppbV	1	4/16/2004
2,2,4-trimethylpentane	ND	5.0		ppbV	1	4/16/2004
4-ethyltoluene	ND	5.0		ppbV	1	4/16/2004
Acetone	ND	5.0		ppbV	1	4/16/2004
Allyl chloride	ND	5.0		ppbV	1	4/16/2004
Benzene	ND	5.0		ppbV	1	4/16/2004
Benzyl chloride	ND	5.0		ppbV	1	4/16/2004
Bromodichloromethane	ND	5.0		ppbV	1	4/16/2004
Bromoform	ND	5.0		ppbV	1	4/16/2004
Bromomethane	ND	5.0		ppbV	1	4/16/2004
Carbon disulfide	ND	5.0		ppbV	1	4/16/2004
Carbon tetrachloride	ND	5.0		ppbV	1	4/16/2004
Chlorobenzene	ND	5.0		ppbV	1	4/16/2004
Chloroethane	ND	5.0		ppbV	1	4/16/2004
Chloroform	ND	5.0		ppbV	1	4/16/2004
Chloromethane	ND	5.0		ppbV	1	4/16/2004
cis-1,2-Dichloroethene	2	5.0	J	ppbV	1	4/16/2004
cis-1,3-Dichloropropene	ND	5.0		ppbV	1	4/16/2004
Cyclohexane	ND	5.0		ppbV	1	4/16/2004
Dibromochloromethane	ND	5.0		ppbV	1	4/16/2004
Ethyl acetate	ND	5.0		ppbV	1	4/16/2004
Ethylbenzene	ND	5.0		ppbV	1	4/16/2004

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Centek Laboratories, LLC

Date: *19-Apr-04*

CLIENT:	BULEWATER Environmental, Inc.	**Client Sample ID:**	Stack
Lab Order:	C0404013	**Tag Number:**	72
Project:	02370	**Collection Date:**	4/13/2004
Lab ID:	C0404013-002A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
AIR TOXIC TO15		**TO-15**				Analyst: **RJP**
Freon 11	ND	5.0		ppbV	1	4/16/2004
Freon 113	ND	5.0		ppbV	1	4/16/2004
Freon 114	ND	5.0		ppbV	1	4/16/2004
Freon 12	ND	5.0		ppbV	1	4/16/2004
Heptane	ND	5.0		ppbV	1	4/16/2004
Hexachloro-1,3-butadiene	ND	5.0		ppbV	1	4/16/2004
Hexane	ND	5.0		ppbV	1	4/16/2004
Isopropyl alcohol	ND	5.0		ppbV	1	4/16/2004
m-Xylene	ND	5.0		ppbV	1	4/16/2004
Methyl Butyl Ketone	ND	5.0		ppbV	1	4/16/2004
Methyl Ethyl Ketone	ND	5.0		ppbV	1	4/16/2004
Methyl Isobutyl Ketone	ND	5.0		ppbV	1	4/16/2004
Methyl tert-butyl ether	ND	5.0		ppbV	1	4/16/2004
Methylene chloride	ND	5.0		ppbV	1	4/16/2004
o-Xylene	ND	5.0		ppbV	1	4/16/2004
p-Xylene	ND	5.0		ppbV	1	4/16/2004
Propylene	ND	5.0		ppbV	1	4/16/2004
Styrene	ND	5.0		ppbV	1	4/16/2004
Tetrachloroethylene	ND	5.0		ppbV	1	4/16/2004
Tetrahydrofuran	ND	5.0		ppbV	1	4/16/2004
Toluene	ND	5.0		ppbV	1	4/16/2004
trans-1,2-Dichloroethene	ND	5.0		ppbV	1	4/16/2004
trans-1,3-Dichloropropene	ND	5.0		ppbV	1	4/16/2004
Trichloroethene	ND	5.0		ppbV	1	4/16/2004
Vinyl acetate	ND	5.0		ppbV	1	4/16/2004
Vinyl Bromide	ND	5.0		ppbV	1	4/16/2004
Vinyl chloride	ND	5.0		ppbV	1	4/16/2004
Surr: Bromofluorobenzene	98.8	87.8-104		%REC	1	4/16/2004
TIC: Cyclotetrasiloxane, octamethyl-	15	0	JN	ppbV	1	4/16/2004
TIC: Cyclotrisiloxane, hexamethyl	37	0	JN	ppbV	1	4/16/2004

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Appendix B

Laboratory Analytical Results of
Process Water Samples
February, March and April 2004
Sampling Events
Active Industrial Uniform Site
67 West Montauk Highway
Lindenhurst, New York, NYSDEC
Contract No. D004134

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Custody Document: S3909

Received: 02/18/2004 15:58
Sampled by: Walasson Demeireles

Client: Blue Water

1610 New Highway
Farmingdale,
NY 11735

Project: Active Industrial

89 E 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

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatiles - EPA 8260B

Sample: S3909-1
Client Sample ID: RW-1/Influent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 02/20/2004

Type: Grab

Collected: 02/18/2004 13:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C 1264-6714	2.70	2.70	ppb	U
75-45-6	Chlorodifluoromethane	C 1264-6714	1.60	1.60	ppb	U
74-87-3	Chloromethane	C 1264-6714	1.75	1.75	ppb	U
75-01-4	Vinyl Chloride	C 1264-6714	2.55	2.55	ppb	U
74-83-9	Bromomethane	C 1264-6714	1.85	1.85	ppb	U
75-00-3	Chloroethane	C 1264-6714	2.80	2.80	ppb	U
75-69-4	Trichlorofluoromethane	C 1264-6714	2.00	2.00	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C 1264-6714	3.00	3.00	ppb	U
75-35-4	1,1-Dichloroethene	C 1264-6714	1.60	1.60	ppb	U
67-64-1	Acetone	C 1264-6714	7.35	7.35	ppb	U
75-15-0	Carbon disulfide	C 1264-6714	1.65	1.65	ppb	U
75-09-2	Methylene Chloride	C 1264-6714	1.45	1.45	ppb	U
156-60-5	t-1,2-Dichloroethene	C 1264-6714	1.10	1.10	ppb	U
1634-04-4	Methyl t-butyl ether	C 1264-6714	2.45	2.45	ppb	U
75-34-3	1,1-Dichloroethane	C 1264-6714	1.05	1.05	ppb	U
590-20-7	2,2-Dichloropropane	C 1264-6714	2.70	2.70	ppb	U
156-59-2	c-1,2-Dichloroethene	C 1264-6714	1.55	**104**	ppb	
78-93-3	2-Butanone	C 1264-6714	8.25	8.25	ppb	U
74-97-5	Bromochloromethane	C 1264-6714	1.20	1.20	ppb	U
67-66-3	Chloroform	C 1264-6714	1.40	1.40	ppb	U
71-55-6	1,1,1-Trichloroethane	C 1264-6714	1.30	1.30	ppb	U
56-23-5	Carbon Tetrachloride	C 1264-6714	1.75	1.75	ppb	U
563-58-6	1,1-Dichloropropene	C 1264-6714	2.70	2.70	ppb	U
71-43-2	Benzene	C 1264-6714	1.35	1.35	ppb	U
107-06-2	1,2-Dichloroethane	C 1264-6714	1.15	1.15	ppb	U
79-01-6	Trichloroethene	C 1264-6714	1.45	**96.5**	ppb	
78-87-5	1,2-Dichloropropane	C 1264-6714	1.10	1.10	ppb	U
74-95-3	Dibromomethane	C 1264-6714	1.40	1.40	ppb	U
75-27-4	Bromodichloromethane	C 1264-6714	1.25	1.25	ppb	U
110-75-8	2-Chloroethylvinylether	C 1264-6714	1.80	1.80	ppb	U
10061-01-5	c-1,3-Dichloropropene	C 1264-6714	1.05	1.05	ppb	U
108-10-1	4-Methyl-2-pentanone	C 1264-6714	2.90	2.90	ppb	U
108-88-3	Toluene	C 1264-6714	0.85	0.85	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatiles - EPA 8260B

Sample: S3909-1
Client Sample ID: RW-1/Influent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 02/20/2004

Type: Grab

Collected: 02/18/2004 13:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C1264-6714	1.50	1.50	ppb	U
79-00-5	1,1,2-Trichloroethane	C1264-6714	1.45	1.45	ppb	U
127-18-4	Tetrachloroethene	C1264-6714	1.75	**515**	ppb	
142-28-9	1,3-Dichloropropane	C1264-6714	1.45	1.45	ppb	U
591-78-6	2-Hexanone	C1264-6714	2.10	2.10	ppb	U
124-48-1	Dibromochloromethane	C1264-6714	1.35	1.35	ppb	U
106-93-4	1,2-Dibromoethane	C1264-6714	1.05	1.05	ppb	U
108-90-7	Chlorobenzene	C1264-6714	1.15	1.15	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C1264-6714	1.00	1.00	ppb	U
100-41-4	Ethylbenzene	C1264-6714	2.10	2.10	ppb	U
108-38-3	m,p-xylene	C1264-6714	2.75	2.75	ppb	U
95-47-6	o-xylene	C1264-6714	1.30	1.30	ppb	U
100-42-5	Styrene	C1264-6714	1.30	1.30	ppb	U
75-25-2	Bromoform	C1264-6714	1.05	1.05	ppb	U
98-82-8	Isopropylbenzene	C1264-6714	1.90	1.90	ppb	U
108-86-1	Bromobenzene	C1264-6714	1.00	1.00	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C1264-6714	1.25	1.25	ppb	U
103-65-1	n-Propylbenzene	C1264-6714	2.05	2.05	ppb	U
96-18-4	1,2,3-Trichloropropane	C1264-6714	1.65	1.65	ppb	U
622-96-8	p-Ethyltoluene	C1264-6714	1.65	1.65	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C1264-6714	1.70	1.70	ppb	U
95-49-8	2-Chlorotoluene	C1264-6714	1.60	1.60	ppb	U
106-43-4	4-Chlorotoluene	C1264-6714	1.50	1.50	ppb	U
98-06-6	tert-Butylbenzene	C1264-6714	2.00	2.00	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C1264-6714	1.35	1.35	ppb	U
135-98-8	sec-Butylbenzene	C1264-6714	2.25	2.25	ppb	U
99-87-6	4-Isopropyltoluene	C1264-6714	2.00	2.00	ppb	U
541-73-1	1,3-Dichlorobenzene	C1264-6714	1.30	1.30	ppb	U
106-46-7	1,4-Dichlorobenzene	C1264-6714	1.20	1.20	ppb	U
95-50-1	1,2-Dichlorobenzene	C1264-6714	1.05	1.05	ppb	U
105-05-5	p-Diethylbenzene	C1264-6714	2.00	2.00	ppb	U
104-51-8	n-Butylbenzene	C1264-6714	2.30	2.30	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C1264-6714	5.50	5.50	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatiles - EPA 8260B

Sample: S3909-1
Client Sample ID: RW-1/Influent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 02/20/2004

Type: Grab

Collected: 02/18/2004 13:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C 1264-6714	1.05	1.05	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C 1264-6714	3.15	3.15	ppb	U
87-68-3	Hexachlorobutadiene	C 1264-6714	4.65	4.65	ppb	U
91-20-3	Naphthalene	C 1264-6714	4.90	4.90	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C 1264-6714	3.00	3.00	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1264-6714	96.9 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1264-6714	98.7 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1264-6714	98.2 %	(88 - 111)	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatiles - EPA 8260B

Sample: S3909-2
Client Sample ID: Effluent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 02/20/2004

Type: Grab

Collected: 02/18/2004 13:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C1264-6715	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C1264-6715	0.32	0.32	ppb	U
74-87-3	Chloromethane	C1264-6715	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C1264-6715	0.51	0.51	ppb	U
74-83-9	Bromomethane	C1264-6715	0.37	0.37	ppb	U
75-00-3	Chloroethane	C1264-6715	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C1264-6715	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C1264-6715	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C1264-6715	0.32	0.32	ppb	U
67-64-1	Acetone	C1264-6715	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C1264-6715	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C1264-6715	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C1264-6715	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C1264-6715	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C1264-6715	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C1264-6715	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C1264-6715	0.31	**0.74**	ppb	
78-93-3	2-Butanone	C1264-6715	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C1264-6715	0.24	0.24	ppb	U
67-66-3	Chloroform	C1264-6715	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C1264-6715	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C1264-6715	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C1264-6715	0.54	0.54	ppb	U
71-43-2	Benzene	C1264-6715	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C1264-6715	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C1264-6715	0.29	0.29	ppb	U
78-87-5	1,2-Dichloropropane	C1264-6715	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C1264-6715	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C1264-6715	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C1264-6715	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C1264-6715	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C1264-6715	0.58	0.58	ppb	U
108-88-3	Toluene	C1264-6715	0.17	0.17	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatiles - EPA 8260B

Sample: S3909-2
Client Sample ID: Effluent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 02/20/2004

Type: Grab

Collected: 02/18/2004 13:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C1264-6715	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C1264-6715	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C1264-6715	0.35	**2.39**	ppb	
142-28-9	1,3-Dichloropropane	C1264-6715	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C1264-6715	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C1264-6715	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C1264-6715	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C1264-6715	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C1264-6715	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C1264-6715	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C1264-6715	0.55	0.55	ppb	U
95-47-6	o-xylene	C1264-6715	0.26	0.26	ppb	U
100-42-5	Styrene	C1264-6715	0.26	0.26	ppb	U
75-25-2	Bromoform	C1264-6715	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C1264-6715	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C1264-6715	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C1264-6715	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C1264-6715	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C1264-6715	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C1264-6715	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C1264-6715	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C1264-6715	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C1264-6715	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C1264-6715	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C1264-6715	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C1264-6715	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C1264-6715	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C1264-6715	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C1264-6715	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C1264-6715	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C1264-6715	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C1264-6715	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C1264-6715	1.10	1.10	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatiles - EPA 8260B

Sample: S3909-2
Client Sample ID: Effluent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 02/20/2004

Type: Grab

Collected: 02/18/2004 13:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1264-6715	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1264-6715	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1264-6715	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1264-6715	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C1264-6715	0.60	0.60	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1264-6715	96.2 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1264-6715	97.4 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1264-6715	97.9 %	(88 - 111)	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Mercury by Method SW846 7470/7471-EPA 245

Sample: S3909-2
Client Sample ID: Effluent
Matrix: Liquid
Remarks:
Analyzed Date: 02/19/2004
Preparation Date(s) : 02/19/2004

Type: Grab

Collected: 02/18/2004 13:00

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.000030	0.000030	ppm	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

TAL Metals by Method SW846 6010

Sample: S3909-2
Client Sample ID: Effluent
Matrix: Liquid
Type: Grab
Collected: 02/18/2004 13:00
Remarks:
Analyzed Date: 02/20/2004
Preparation Date(s) : 02/19/2004 02/19/2004

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7429-90-5	Aluminum	0.013	0.013	ppm	U
7440-36-0	Antimony	0.0020	0.0020	ppm	U
7440-38-2	Arsenic	0.0034	**0.0084**	ppm	
7440-39-3	Barium	0.00040	**0.019**	ppm	
7440-41-7	Beryllium	0.00020	**0.00030**	ppm	
7440-43-9	Cadmium	0.00030	0.00030	ppm	U
7440-70-2	Calcium	0.026	**20.7**	ppm	
7440-47-3	Chromium	0.0016	**0.0017**	ppm	
7440-48-4	Cobalt	0.00040	0.00040	ppm	U
7440-50-8	Copper	0.0029	0.0029	ppm	U
7439-89-6	Iron	0.018	**1.25**	ppm	
7439-92-1	Lead	0.0017	**0.0030**	ppm	
7439-95-4	Magnesium	0.027	**3.68**	ppm	
7439-96-5	Manganese	0.00080	**1.12**	ppm	
7440-02-0	Nickel	0.00050	**0.00080**	ppm	
7440-09-7	Potassium	0.052	**2.93**	ppm	
7782-49-2	Selenium	0.0043	**0.0060**	ppm	
7440-22-4	Silver	0.0010	0.0010	ppm	U
7440-23-5	Sodium	0.022	**22.5**	ppm	
7440-28-0	Thallium	0.0020	**0.017**	ppm	
7440-62-2	Vanadium	0.00050	0.00050	ppm	U
7440-66-6	Zinc	0.0044	**0.014**	ppm	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Alkalinity - EPA 310.1

Sample: S3909-2
Client Sample ID: Effluent
Matrix: Liquid
Remarks:
Analyzed Date: 02/25/2004

Type: Grab

Collected: 02/18/2004 13:00

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	Alkalinity as CaCO3	0.28	**35.0**	ppm	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Chemical Oxygen Demand (COD) - EPA 410.4

Sample: S3909-2
Client Sample ID: Effluent
Matrix: Liquid
Remarks:
Analyzed Date: 02/20/2004

Type: Grab

Collected: 02/18/2004 13:00

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	COD	4.80	**15.2**	ppm	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Residual Chlorine - Method 4500

Sample: S3909-2
Client Sample ID: Effluent
Matrix: Liquid
Remarks:
Analyzed Date: 02/18/2004 12:00:00 PM

Type: Grab

Collected: 02/18/2004 13:00

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	Residual Chlorine	NA	ND	ppm	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

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.

Metals Analysis:

Mercury: Due to the negative values of the samples, the results were comfirmed on instrument A batch 1080 with similiar results.

ICP Analysis:

The final CCV for Iron was outside the 90-110% control limits(111%).

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

ORGANIC METHOD QUALIFIERS

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

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

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

Y - Indicates an estimated value. The concentration reported was detected below the lowest calibration standard concentration.

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

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

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

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

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

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

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

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP

Environmental Testing Laboratories, Inc.

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

09/08/2004

Custody Document: R5398

Received: 04/05/2004 15:30
Sampled by: Wallace

Client: Blue Water

1610 New Highway
Farmingdale,
NY 11735

Project: Active Industrial

89 E 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

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatiles - EPA 8260B

Sample: R5398-1
Client Sample ID: RW-1/Influent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 04/06/2004

Type: Grab

Collected: 03/24/2004 13:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C1321-7935	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C1321-7935	0.32	0.32	ppb	U
74-87-3	Chloromethane	C1321-7935	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C1321-7935	0.51	0.51	ppb	U
74-83-9	Bromomethane	C1321-7935	0.37	0.37	ppb	U
75-00-3	Chloroethane	C1321-7935	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C1321-7935	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C1321-7935	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C1321-7935	0.32	0.32	ppb	U
67-64-1	Acetone	C1321-7935	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C1321-7935	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C1321-7935	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C1321-7935	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C1321-7935	0.49	**3.74**	ppb	
75-34-3	1,1-Dichloroethane	C1321-7935	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C1321-7935	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C1322-7958	3.10	**191**	ppb	
78-93-3	2-Butanone	C1321-7935	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C1321-7935	0.24	0.24	ppb	U
67-66-3	Chloroform	C1321-7935	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C1321-7935	0.26	**2.04**	ppb	
56-23-5	Carbon Tetrachloride	C1321-7935	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C1321-7935	0.54	0.54	ppb	U
71-43-2	Benzene	C1321-7935	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C1321-7935	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C1321-7935	0.29	**106**	ppb	
78-87-5	1,2-Dichloropropane	C1321-7935	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C1321-7935	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C1321-7935	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C1321-7935	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C1321-7935	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C1321-7935	0.58	0.58	ppb	U
108-88-3	Toluene	C1321-7935	0.17	0.17	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatiles - EPA 8260B

Sample: R5398-1
Client Sample ID: RW-1/Influent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 04/06/2004

Type: Grab

Collected: 03/24/2004 13:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C1321-7935	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C1321-7935	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C1322-7958	3.50	**515**	ppb	
142-28-9	1,3-Dichloropropane	C1321-7935	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C1321-7935	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C1321-7935	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C1321-7935	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C1321-7935	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C1321-7935	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C1321-7935	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C1321-7935	0.55	0.55	ppb	U
95-47-6	o-xylene	C1321-7935	0.26	0.26	ppb	U
100-42-5	Styrene	C1321-7935	0.26	0.26	ppb	U
75-25-2	Bromoform	C1321-7935	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C1321-7935	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C1321-7935	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C1321-7935	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C1321-7935	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C1321-7935	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C1321-7935	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C1321-7935	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C1321-7935	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C1321-7935	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C1321-7935	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C1321-7935	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C1321-7935	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C1321-7935	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C1321-7935	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C1321-7935	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C1321-7935	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C1321-7935	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C1321-7935	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C1321-7935	1.10	1.10	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatiles - EPA 8260B

Sample: R5398-1
Client Sample ID: RW-1/Influent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 04/06/2004

Type: Grab

Collected: 03/24/2004 13:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1321-7935	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1321-7935	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1321-7935	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1321-7935	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C1321-7935	0.60	0.60	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1321-7935	98.2 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1321-7935	97.4 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1321-7935	99.3 %	(88 - 111)	
460-00-4	4-BROMOFLUOROBENZENE	C1322-7958	97.8 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1322-7958	95.2 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1322-7958	98.5 %	(88 - 111)	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatiles - EPA 8260B

Sample: R5398-2
Client Sample ID: Effluent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 04/07/2004

Type: Grab

Collected: 03/24/2004 13:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C1322-7959	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C1322-7959	0.32	0.32	ppb	U
74-87-3	Chloromethane	C1322-7959	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C1322-7959	0.51	0.51	ppb	U
74-83-9	Bromomethane	C1322-7959	0.37	0.37	ppb	U
75-00-3	Chloroethane	C1322-7959	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C1322-7959	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C1322-7959	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C1322-7959	0.32	0.32	ppb	U
67-64-1	Acetone	C1322-7959	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C1322-7959	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C1322-7959	0.29	0.29	ppb	U
156-60-5	t-1,2-Dichloroethene	C1322-7959	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C1322-7959	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C1322-7959	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C1322-7959	0.54	0.54	ppb	U
156-59-2	c-1,2-Dichloroethene	C1322-7959	0.31	0.31	ppb	U
78-93-3	2-Butanone	C1322-7959	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C1322-7959	0.24	0.24	ppb	U
67-66-3	Chloroform	C1322-7959	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C1322-7959	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C1322-7959	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C1322-7959	0.54	0.54	ppb	U
71-43-2	Benzene	C1322-7959	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C1322-7959	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C1322-7959	0.29	0.29	ppb	U
78-87-5	1,2-Dichloropropane	C1322-7959	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C1322-7959	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C1322-7959	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C1322-7959	0.36	0.36	ppb	U
10061-01-5	c-1,3-Dichloropropene	C1322-7959	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C1322-7959	0.58	0.58	ppb	U
108-88-3	Toluene	C1322-7959	0.17	0.17	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatiles - EPA 8260B

Sample: R5398-2
Client Sample ID: Effluent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 04/07/2004

Type: Grab

Collected: 03/24/2004 13:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	t-1,3-Dichloropropene	C1322-7959	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C1322-7959	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C1322-7959	0.35	0.35	ppb	U
142-28-9	1,3-Dichloropropane	C1322-7959	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C1322-7959	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C1322-7959	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C1322-7959	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C1322-7959	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C1322-7959	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C1322-7959	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C1322-7959	0.55	0.55	ppb	U
95-47-6	o-xylene	C1322-7959	0.26	0.26	ppb	U
100-42-5	Styrene	C1322-7959	0.26	0.26	ppb	U
75-25-2	Bromoform	C1322-7959	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C1322-7959	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C1322-7959	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C1322-7959	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C1322-7959	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C1322-7959	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C1322-7959	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C1322-7959	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C1322-7959	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C1322-7959	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C1322-7959	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C1322-7959	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C1322-7959	0.45	0.45	ppb	U
99-87-6	4-Isopropyltoluene	C1322-7959	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C1322-7959	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C1322-7959	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C1322-7959	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C1322-7959	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C1322-7959	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C1322-7959	1.10	1.10	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatiles - EPA 8260B

Sample: R5398-2
Client Sample ID: Effluent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 04/07/2004

Type: Grab

Collected: 03/24/2004 13:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1322-7959	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1322-7959	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1322-7959	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1322-7959	0.98	0.98	ppb	U
87-61-6	1,2,3-Trichlorobenzene	C1322-7959	0.60	0.60	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1322-7959	98.1 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1322-7959	93.2 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1322-7959	101.0 %	(88 - 111)	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Mercury by Method SW846 7470/7471

Sample: R5398-2
Client Sample ID: Effluent
Matrix: Liquid
Remarks:
Analyzed Date: 04/12/2004
Preparation Date(s) : 04/12/2004

Collected: 03/24/2004 13:00
Type: Grab

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.000030	0.000030	ppm	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

TAL Metals by Method 200.7 CLP-M

Sample: R5398-2
Client Sample ID: Effluent
Matrix: Liquid
Type: Grab
Collected: 03/24/2004 13:00
Remarks:
Analyzed Date: 04/07/2004
Preparation Date(s) : 04/12/2004 04/06/2004

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7429-90-5	Aluminum	0.013	0.013	ppm	U
7440-36-0	Antimony	0.0020	0.0020	ppm	U
7440-38-2	Arsenic	0.0034	**0.0098**	ppm	
7440-39-3	Barium	0.00040	**0.018**	ppm	
7440-41-7	Beryllium	0.00020	**0.00030**	ppm	
7440-43-9	Cadmium	0.00030	0.00030	ppm	U
7440-70-2	Calcium	0.026	**21.4**	ppm	
7440-47-3	Chromium	0.0016	0.0016	ppm	U
7440-48-4	Cobalt	0.00040	**0.00050**	ppm	
7440-50-8	Copper	0.0029	0.0029	ppm	U
7439-89-6	Iron	0.018	**0.13**	ppm	
7439-92-1	Lead	0.0017	**0.0064**	ppm	
7439-95-4	Magnesium	0.027	**3.92**	ppm	
7439-96-5	Manganese	0.00080	**1.23**	ppm	
7440-02-0	Nickel	0.00050	**0.0011**	ppm	
7440-09-7	Potassium	0.052	**2.97**	ppm	
7782-49-2	Selenium	0.0043	0.0043	ppm	U
7440-22-4	Silver	0.0010	0.0010	ppm	U
7440-23-5	Sodium	0.022	**23.5**	ppm	
7440-28-0	Thallium	0.0020	**0.014**	ppm	
7440-62-2	Vanadium	0.00050	0.00050	ppm	U
7440-66-6	Zinc	0.0044	**0.013**	ppm	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Alkalinity - EPA 310.1

Sample: R5398-2
Client Sample ID: Effluent
Matrix: Liquid
Remarks:
Analyzed Date: 04/06/2004

Type: Grab

Collected: 03/24/2004 13:00

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	Alkalinity as CaCO3	0.28	**28.0**	ppm	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Chemical Oxygen Demand (COD) - EPA 410.4

Sample: R5398-2
Client Sample ID: Effluent
Matrix: Liquid
Remarks:
Analyzed Date: 04/07/2004

Collected: 03/24/2004 13:00
Type: Grab

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	COD	4.80	4.80	ppm	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Residual Chlorine - Method 4500

Sample: R5398-2
Client Sample ID: Effluent
Matrix: Liquid
Remarks:
Analyzed Date: 04/06/2004 8:00:00 AM

Type: Grab

Collected: 03/24/2004 13:00

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	Residual Chlorine	NA	ND	ppm	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

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

ORGANIC METHOD QUALIFIERS

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

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

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

Y - Indicates an estimated value. The concentration reported was detected below the lowest calibration standard concentration.

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

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

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

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

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

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

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

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Custody Document: R5660

Received: 04/13/2004 14:00
Sampled by: Walasson DeMeiretes

Client: Blue Water

1610 New Highway
Farmingdale,
NY 11735

Project: Active Industrial

89 E 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

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatile Compounds - EPA 8260B

Sample: R5660-1
Client Sample ID: Influent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 04/14/2004

Type: Grab

Collected: 04/13/2004 10:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C1330-8127	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C1330-8127	0.32	0.32	ppb	U
74-87-3	Chloromethane	C1330-8127	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C1330-8127	0.51	0.51	ppb	U
74-83-9	Bromomethane	C1330-8127	0.37	0.37	ppb	U
75-00-3	Chloroethane	C1330-8127	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C1330-8127	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C1330-8127	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C1330-8127	0.32	0.32	ppb	U
67-64-1	Acetone	C1330-8127	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C1330-8127	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C1330-8127	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C1330-8127	0.22	**1.25**	ppb	
1634-04-4	Methyl t-butyl ether	C1330-8127	0.49	**3.56**	ppb	
75-34-3	1,1-Dichloroethane	C1330-8127	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C1330-8127	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C1331-8156	3.10	**168**	ppb	
78-93-3	2-Butanone	C1330-8127	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C1330-8127	0.24	0.24	ppb	U
67-66-3	Chloroform	C1330-8127	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C1330-8127	0.26	**3.75**	ppb	
56-23-5	Carbon Tetrachloride	C1330-8127	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C1330-8127	0.54	0.54	ppb	U
71-43-2	Benzene	C1330-8127	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C1330-8127	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C1330-8127	0.29	**123**	ppb	
78-87-5	1,2-Dichloropropane	C1330-8127	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C1330-8127	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C1330-8127	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C1330-8127	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C1330-8127	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C1330-8127	0.58	0.58	ppb	U
108-88-3	Toluene	C1330-8127	0.17	0.17	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatile Compounds - EPA 8260B

Sample: R5660-1
Client Sample ID: Influent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 04/14/2004

Type: Grab

Collected: 04/13/2004 10:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C1330-8127	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C1330-8127	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C1331-8156	3.50	**657**	ppb	
142-28-9	1,3-Dichloropropane	C1330-8127	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C1330-8127	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C1330-8127	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C1330-8127	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C1330-8127	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C1330-8127	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C1330-8127	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C1330-8127	0.55	**0.66**	ppb	
95-47-6	o-xylene	C1330-8127	0.26	0.26	ppb	U
100-42-5	Styrene	C1330-8127	0.26	0.26	ppb	U
75-25-2	Bromoform	C1330-8127	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C1330-8127	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C1330-8127	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C1330-8127	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C1330-8127	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C1330-8127	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C1330-8127	0.33	**1.31**	ppb	
108-67-8	1,3,5-Trimethylbenzene	C1330-8127	0.34	**0.82**	ppb	
95-49-8	2-Chlorotoluene	C1330-8127	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C1330-8127	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C1330-8127	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C1330-8127	0.27	**2.30**	ppb	
135-98-8	sec-Butylbenzene	C1330-8127	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C1330-8127	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C1330-8127	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C1330-8127	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C1330-8127	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C1330-8127	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C1330-8127	0.46	**0.52**	ppb	
95-93-2	1,2,4,5-Tetramethylbenzene	C1330-8127	1.10	**0.96**	ppb	J

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatile Compounds - EPA 8260B

Sample: R5660-1
Client Sample ID: Influent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 04/14/2004

Type: Grab

Collected: 04/13/2004 10:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1330-8127	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1330-8127	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1330-8127	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1330-8127	0.98	**4.05**	ppb	

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1330-8127	101.0 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1330-8127	90.5 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1330-8127	100.0 %	(88 - 111)	
460-00-4	4-BROMOFLUOROBENZENE	C1331-8156	96.6 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1331-8156	87.1 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1331-8156	98.4 %	(88 - 111)	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatile Compounds - EPA 8260B

Sample: R5660-2
Client Sample ID: Midfluent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 04/15/2004

Type: Grab

Collected: 04/13/2004 10:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C1331-8159	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C1331-8159	0.32	0.32	ppb	U
74-87-3	Chloromethane	C1331-8159	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C1331-8159	0.51	0.51	ppb	U
74-83-9	Bromomethane	C1331-8159	0.37	0.37	ppb	U
75-00-3	Chloroethane	C1331-8159	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C1331-8159	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C1331-8159	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C1331-8159	0.32	0.32	ppb	U
67-64-1	Acetone	C1331-8159	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C1331-8159	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C1331-8159	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C1331-8159	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C1331-8159	0.49	**1.54**	ppb	
75-34-3	1,1-Dichloroethane	C1331-8159	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C1331-8159	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C1331-8159	0.31	**2.06**	ppb	
78-93-3	2-Butanone	C1331-8159	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C1331-8159	0.24	0.24	ppb	U
67-66-3	Chloroform	C1331-8159	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C1331-8159	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C1331-8159	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C1331-8159	0.54	0.54	ppb	U
71-43-2	Benzene	C1331-8159	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C1331-8159	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C1331-8159	0.29	**0.87**	ppb	
78-87-5	1,2-Dichloropropane	C1331-8159	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C1331-8159	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C1331-8159	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C1331-8159	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C1331-8159	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C1331-8159	0.58	0.58	ppb	U
108-88-3	Toluene	C1331-8159	0.17	0.17	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatile Compounds - EPA 8260B

Sample: R5660-2
Client Sample ID: Midfluent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 04/15/2004

Type: Grab

Collected: 04/13/2004 10:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C1331-8159	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C1331-8159	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C1331-8159	0.35	**2.69**	ppb	
142-28-9	1,3-Dichloropropane	C1331-8159	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C1331-8159	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C1331-8159	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C1331-8159	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C1331-8159	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C1331-8159	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C1331-8159	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C1331-8159	0.55	0.55	ppb	U
95-47-6	o-xylene	C1331-8159	0.26	0.26	ppb	U
100-42-5	Styrene	C1331-8159	0.26	0.26	ppb	U
75-25-2	Bromoform	C1331-8159	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C1331-8159	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C1331-8159	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C1331-8159	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C1331-8159	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C1331-8159	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C1331-8159	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C1331-8159	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C1331-8159	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C1331-8159	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C1331-8159	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C1331-8159	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C1331-8159	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C1331-8159	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C1331-8159	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C1331-8159	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C1331-8159	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C1331-8159	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C1331-8159	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C1331-8159	1.10	1.10	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatile Compounds - EPA 8260B

Sample: R5660-2
Client Sample ID: Midfluent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 04/15/2004

Type: Grab

Collected: 04/13/2004 10:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1331-8159	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1331-8159	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1331-8159	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1331-8159	0.98	0.98	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1331-8159	97.5 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1331-8159	89.2 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1331-8159	99.2 %	(88 - 111)	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatile Compounds - EPA 8260B

Sample: R5660-3
Client Sample ID: Effluent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 04/15/2004

Type: Grab

Collected: 04/13/2004 10:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C1331-8160	0.54	0.54	ppb	U
75-45-6	Chlorodifluoromethane	C1331-8160	0.32	0.32	ppb	U
74-87-3	Chloromethane	C1331-8160	0.35	0.35	ppb	U
75-01-4	Vinyl Chloride	C1331-8160	0.51	0.51	ppb	U
74-83-9	Bromomethane	C1331-8160	0.37	0.37	ppb	U
75-00-3	Chloroethane	C1331-8160	0.56	0.56	ppb	U
75-69-4	Trichlorofluoromethane	C1331-8160	0.40	0.40	ppb	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C1331-8160	0.60	0.60	ppb	U
75-35-4	1,1-Dichloroethene	C1331-8160	0.32	0.32	ppb	U
67-64-1	Acetone	C1331-8160	1.47	1.47	ppb	U
75-15-0	Carbon disulfide	C1331-8160	0.33	0.33	ppb	U
75-09-2	Methylene Chloride	C1331-8160	0.29	0.29	ppb	U
156-60-5	trans-1,2-Dichloroethene	C1331-8160	0.22	0.22	ppb	U
1634-04-4	Methyl t-butyl ether	C1331-8160	0.49	0.49	ppb	U
75-34-3	1,1-Dichloroethane	C1331-8160	0.21	0.21	ppb	U
590-20-7	2,2-Dichloropropane	C1331-8160	0.54	0.54	ppb	U
156-59-2	cis-1,2-Dichloroethene	C1331-8160	0.31	0.31	ppb	U
78-93-3	2-Butanone	C1331-8160	1.65	1.65	ppb	U
74-97-5	Bromochloromethane	C1331-8160	0.24	0.24	ppb	U
67-66-3	Chloroform	C1331-8160	0.28	0.28	ppb	U
71-55-6	1,1,1-Trichloroethane	C1331-8160	0.26	0.26	ppb	U
56-23-5	Carbon Tetrachloride	C1331-8160	0.35	0.35	ppb	U
563-58-6	1,1-Dichloropropene	C1331-8160	0.54	0.54	ppb	U
71-43-2	Benzene	C1331-8160	0.27	0.27	ppb	U
107-06-2	1,2-Dichloroethane	C1331-8160	0.23	0.23	ppb	U
79-01-6	Trichloroethene	C1331-8160	0.29	0.29	ppb	U
78-87-5	1,2-Dichloropropane	C1331-8160	0.22	0.22	ppb	U
74-95-3	Dibromomethane	C1331-8160	0.28	0.28	ppb	U
75-27-4	Bromodichloromethane	C1331-8160	0.25	0.25	ppb	U
110-75-8	2-Chloroethylvinylether	C1331-8160	0.36	0.36	ppb	U
10061-01-5	cis-1,3-Dichloropropene	C1331-8160	0.21	0.21	ppb	U
108-10-1	4-Methyl-2-pentanone	C1331-8160	0.58	0.58	ppb	U
108-88-3	Toluene	C1331-8160	0.17	0.17	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatile Compounds - EPA 8260B

Sample: R5660-3
Client Sample ID: Effluent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 04/15/2004

Type: Grab

Collected: 04/13/2004 10:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
10061-02-6	trans-1,3-Dichloropropene	C1331-8160	0.30	0.30	ppb	U
79-00-5	1,1,2-Trichloroethane	C1331-8160	0.29	0.29	ppb	U
127-18-4	Tetrachloroethene	C1331-8160	0.35	0.35	ppb	U
142-28-9	1,3-Dichloropropane	C1331-8160	0.29	0.29	ppb	U
591-78-6	2-Hexanone	C1331-8160	0.42	0.42	ppb	U
124-48-1	Dibromochloromethane	C1331-8160	0.27	0.27	ppb	U
106-93-4	1,2-Dibromoethane	C1331-8160	0.21	0.21	ppb	U
108-90-7	Chlorobenzene	C1331-8160	0.23	0.23	ppb	U
630-20-6	1,1,1,2-Tetrachloroethane	C1331-8160	0.20	0.20	ppb	U
100-41-4	Ethylbenzene	C1331-8160	0.42	0.42	ppb	U
108-38-3	m,p-xylene	C1331-8160	0.55	0.55	ppb	U
95-47-6	o-xylene	C1331-8160	0.26	0.26	ppb	U
100-42-5	Styrene	C1331-8160	0.26	0.26	ppb	U
75-25-2	Bromoform	C1331-8160	0.21	0.21	ppb	U
98-82-8	Isopropylbenzene	C1331-8160	0.38	0.38	ppb	U
108-86-1	Bromobenzene	C1331-8160	0.20	0.20	ppb	U
79-34-5	1,1,2,2-Tetrachloroethane	C1331-8160	0.25	0.25	ppb	U
103-65-1	n-Propylbenzene	C1331-8160	0.41	0.41	ppb	U
96-18-4	1,2,3-Trichloropropane	C1331-8160	0.33	0.33	ppb	U
622-96-8	p-Ethyltoluene	C1331-8160	0.33	0.33	ppb	U
108-67-8	1,3,5-Trimethylbenzene	C1331-8160	0.34	0.34	ppb	U
95-49-8	2-Chlorotoluene	C1331-8160	0.32	0.32	ppb	U
106-43-4	4-Chlorotoluene	C1331-8160	0.30	0.30	ppb	U
98-06-6	tert-Butylbenzene	C1331-8160	0.40	0.40	ppb	U
95-63-6	1,2,4-Trimethylbenzene	C1331-8160	0.27	0.27	ppb	U
135-98-8	sec-Butylbenzene	C1331-8160	0.45	0.45	ppb	U
99-87-6	p-Isopropyltoluene	C1331-8160	0.40	0.40	ppb	U
541-73-1	1,3-Dichlorobenzene	C1331-8160	0.26	0.26	ppb	U
106-46-7	1,4-Dichlorobenzene	C1331-8160	0.24	0.24	ppb	U
95-50-1	1,2-Dichlorobenzene	C1331-8160	0.21	0.21	ppb	U
105-05-5	p-Diethylbenzene	C1331-8160	0.40	0.40	ppb	U
104-51-8	n-Butylbenzene	C1331-8160	0.46	0.46	ppb	U
95-93-2	1,2,4,5-Tetramethylbenzene	C1331-8160	1.10	1.10	ppb	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Volatile Compounds - EPA 8260B

Sample: R5660-3
Client Sample ID: Effluent
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 04/15/2004

Type: Grab

Collected: 04/13/2004 10:00

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
96-12-8	1,2-Dibromo-3-chloropropane	C1331-8160	0.21	0.21	ppb	U
120-82-1	1,2,4-Trichlorobenzene	C1331-8160	0.63	0.63	ppb	U
87-68-3	Hexachlorobutadiene	C1331-8160	0.93	0.93	ppb	U
91-20-3	Naphthalene	C1331-8160	0.98	0.98	ppb	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C1331-8160	96.5 %	(86 - 116)	
4774-33-8	DIBROMOFLUOROMETHANE	C1331-8160	89.3 %	(86 - 119)	
2037-26-5	TOLUENE-D8	C1331-8160	98.1 %	(88 - 111)	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Mercury by Method SW846 7470/7471

Sample: R5660-3
Client Sample ID: Effluent
Matrix: Liquid
Remarks:
Analyzed Date: 04/15/2004
Preparation Date(s) : 04/15/2004

Type: Grab

Collected: 04/13/2004 10:00

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.000030	0.000030	ppm	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

TAL Metals by Method 200.7 CLP-M

Sample: R5660-3
Client Sample ID: Effluent
Matrix: Liquid
Type: Grab
Collected: 04/13/2004 10:00
Remarks:
Analyzed Date: 04/15/2004
Preparation Date(s) : 04/15/2004 04/14/2004

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7429-90-5	Aluminum	0.013	0.013	ppm	U
7440-36-0	Antimony	0.0020	**0.0086**	ppm	
7440-38-2	Arsenic	0.0034	**0.0065**	ppm	
7440-39-3	Barium	0.00040	**0.018**	ppm	
7440-41-7	Beryllium	0.00020	0.00020	ppm	U
7440-43-9	Cadmium	0.00030	0.00030	ppm	U
7440-70-2	Calcium	0.026	**22.8**	ppm	
7440-47-3	Chromium	0.0016	0.0016	ppm	U
7440-48-4	Cobalt	0.00040	0.00040	ppm	U
7440-50-8	Copper	0.0029	0.0029	ppm	U
7439-89-6	Iron	0.018	**0.043**	ppm	
7439-92-1	Lead	0.0017	**0.0020**	ppm	
7439-95-4	Magnesium	0.027	**3.83**	ppm	
7439-96-5	Manganese	0.00080	**1.26**	ppm	
7440-02-0	Nickel	0.00050	0.00050	ppm	U
7440-09-7	Potassium	0.052	**2.82**	ppm	
7782-49-2	Selenium	0.0043	0.0043	ppm	U
7440-22-4	Silver	0.0010	0.0010	ppm	U
7440-23-5	Sodium	0.022	**23.3**	ppm	
7440-28-0	Thallium	0.0020	**0.013**	ppm	
7440-62-2	Vanadium	0.00050	0.00050	ppm	U
7440-66-6	Zinc	0.0044	**0.0095**	ppm	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Alkalinity - EPA 310.1

Sample: R5660-3
Client Sample ID: Effluent
Matrix: Liquid
Remarks:
Analyzed Date: 04/14/2004

Type: Grab

Collected: 04/13/2004 10:00

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	Alkalinity as CaCO3	0.28	**40.0**	ppm	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Chemical Oxygen Demand (COD) - EPA 410.4

Sample: R5660-3
Client Sample ID: Effluent
Matrix: Liquid
Remarks:
Analyzed Date: 04/16/2004

Collected: 04/13/2004 10:00
Type: Grab

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	COD	4.80	**42.1**	ppm	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Residual Chlorine - Method 4500

Sample: R5660-3
Client Sample ID: Effluent
Matrix: Liquid
Type: Grab
Remarks:
Analyzed Date: 04/14/2004 1:36:00 PM

Collected: 04/13/2004 10:00

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	Residual Chlorine	NA	ND	ppm	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Total Dissolved Solids - 2540C

Sample: R5660-3
Client Sample ID: Effluent
Matrix: Liquid
Remarks:
Analyzed Date: 04/14/2004

Type: Grab

Collected: 04/13/2004 10:00

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	Total Dissolved Solids	9.92	**148**	mg/l	

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Total Suspended Solids - EPA 160.2/SM 2540D

Sample: R5660-3
Client Sample ID: Effluent
Matrix: Liquid
Remarks:
Analyzed Date: 04/15/2004

Type: Grab

Collected: 04/13/2004 10:00

Analytical Results

Cas No	Analyte	MDL	Result	Units	Q
	Total Suspended Solids	4.58	4.58	mg/L	U

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

09/08/2004

Case Narrative

VOLATILES by EPA 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

ORGANIC METHOD QUALIFIERS

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

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

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

Y - Indicates an estimated value. The concentration reported was detected below the lowest calibration standard concentration.

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

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

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

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

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

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

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

M - (Method) qualifiers are as follows:

A - Flame AA
AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
F - Furnace AA
P - ICP

Groundwater Mass Removal Calculation Form
Active Industrial Uniform Site

Date	Flow Stream	Operational Time (hours)	Flow Rate (gpm)	VOC Concentration (µg/L)										VOC Mass (lb/hr)	VOC Mass (lb/day)	Mass Removed (lbs VOCs)
				Methyl t-butyl ether	1,1-Dichloroethane	Trichloroethene	Tetrachloroethene	T-, c-1,2-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane	Vinyl Chloride	1,2,4,5-Tetramethylbenzene	Naphthalene	Total VOCs			
12/21/2001	INFLUENT	80	205	0.08	1.7	147	387	80.4	ND	ND	ND			616.18	0.06324	1.51781	5.059
12/21/2001	MIDFLUENT*	80	201	1.2	0.21	6.7	12.3	7.3	ND	ND	ND			27.71	0.00279	0.06692	0.223
12/21/2001	EFFLUENT	80	197	0.08	0.12	0.17	0.2	0.14	ND	ND	ND			0.71	0.00007	0.00168	0.006
Tower 1 Mass Removed:		80		-1.12	1.49	140.3	374.7	73.1	0	0	0			588.47	0.06045	1.45088	4.836
Tower 1 Mass Removed (%):				-1400	87.6	95.4	96.8	90.9	0	0	0			95.5			
Total Mass Removed:		80		0	1.58	146.83	386.8	80.26	0	0	0			615.47	0.06317	1.51613	5.054
Total Mass Removed (%):				0	92.9	99.9	99.9	99.8	0	0	0			99.9			
1/30/2002	INFLUENT	840	180	ND	2.9	64.8	154	77.3	1.9	6.1	1.3			308.3	0.02778	0.66681	23.33831
1/30/2002	MIDFLUENT*	840	180	ND	ND	0.98	2.3	4.6	ND	ND	ND			7.88	0.00071	0.01704	0.59652
1/30/2002	EFFLUENT	840	180	ND	ND	ND	ND	ND	ND	ND	ND			0	0	0	0
Tower 1 Mass Removed:		840		0	2.9	63.82	151.7	72.7	1.9	6.1	1.3			300.42	0.027	0.650	22.742
Tower 1 Mass Removed (%):		840		0	100	98.49	98.51	94.05	100.00	100.00	100.00			97.44			
Total Mass Removed:		840		0	2.9	64.8	154	77.3	1.9	6.1	1.3			308.30	0.028	0.667	23.338
Total Mass Removed (%):		840		0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.00			
3/3/2002	INFLUENT	792	180	3	2.2	62	158	142	ND	3.4	ND			370.6	0.03340	0.80155	26.45131
3/3/2002	MIDFLUENT*	792	180	ND	ND	ND	ND	ND	ND	ND	ND			0	0.00000	0.00000	0.00000
3/3/2002	EFFLUENT	792	180	ND	ND	ND	ND	1.1	ND	ND	ND			1.1	0	0	0
Tower 1 Mass Removed:		792		3	2.2	62	158	140.9	0	3.4	0			370.6	0.033	0.802	26.451
Tower 1 Mass Removed (%):		792		100	100	100.00	100.00	99.23	0.00	100.00	0.00			100.00			
Total Mass Removed:		792		0	2.2	62	158	142	0	3.4	0			369.50	0.033	0.799	26.373
Total Mass Removed (%):		792		0	100.0	100.0	100.0	100.0	0.0	100.0	0.0			99.70			

Groundwater Mass Removal Calculation Form
Active Industrial Uniform Site

Date	Flow Stream	Operational Time (hours)	Flow Rate (gpm)	VOC Concentration (µg/L)										VOC Mass (lb/hr)	VOC Mass (lb/day)	Mass Removed (lbs VOCs)
				Methyl t-butyl ether	1,1-Dichloroethane	Trichloroethene	Tetrachloroethene	T-, c-1,2-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane	Vinyl Chloride	1,2,4,5-Tetramethylbenzene	Naphthalene	Total VOCs			
4/5/2002	INFLUENT	732	180	3.6	ND	69.2	99.5	44.5	ND	ND	ND			**216.8**	0.01954	0.46891	14.30168
4/5/2002	MIDFLUENT*	732	180	2.8	ND	1.7	5.7	3.6	ND	ND	ND			**13.8**	0.00124	0.02985	0.91035
4/5/2002	EFFLUENT	732	180	ND	ND	ND	ND	ND	ND	ND	ND			**0**	0	0	0
Tower 1 Mass Removed:		732		0.8	0	67.5	93.8	40.9	0	0	0			**203**	0.018	0.439	13.391
Tower 1 Mass Removed (%):		732		22.22222	0.0	97.54	94.27	91.91	0.0	0.0	0.0			**93.63**			
Total Mass Removed:		732		3.6	0	69.2	99.5	44.5	0	0	0			**216.80**	0.020	0.469	14.302
Total Mass Removed (%):		732		100	0.0	100.0	100.0	100.0	0.0	0.0	0.0			**100.00**			
5/21/2002	INFLUENT	888	180	8.2	ND	58.7	193	146	ND	1.8	ND			**407.7**	0.03674	0.88180	32.62648
5/21/2002	MIDFLUENT*	888	180	0	0	0	0	0	0	0	0			**0**	0.00000	0.00000	0.00000
5/21/2002	EFFLUENT	888	180	ND	ND	ND	ND	ND	ND	ND	ND			**0**	0	0	0
Tower 1 Mass Removed:		888		8.2	0	58.7	193	146	0	0	0			**407.7**	0.037	0.882	32.626
Tower 1 Mass Removed (%):		888		100	0.0	100.00	100.00	100.00	0.0	0.0	0.0			**100.00**			
Total Mass Removed:		888		8.2	0	58.7	193	146	0	0	0			**407.70**	0.037	0.882	32.626
Total Mass Removed (%):		888		100	0.0	100.0	100.0	100.0	0.0	0.0	0.0			**100.00**			
6/10/2002	INFLUENT	456	180	3.6	ND	71.6	202	194	ND	3.4	ND			**474.6**	0.04277	1.02649	19.50335
6/10/2002	MIDFLUENT*	456	180	0	0	0	0	0	0	0	0			**0**	0.00000	0.00000	0.00000
6/10/2002	EFFLUENT	456	180	ND	ND	ND	ND	ND	ND	ND	ND			**0**	0	0	0
Tower 1 Mass Removed:		456		3.6	0	71.6	202	194	0	0	0			**474.6**	0.043	1.026	19.503
Tower 1 Mass Removed (%):		456		100	0.0	100.00	100.00	100.00	0.0	0.0	0.0			**100.00**			
Total Mass Removed:		456		3.6	0	71.6	202	194	0	0	0			**474.60**	0.043	1.026	19.503
Total Mass Removed (%):		456		100	0.0	100.0	100.0	100.0	0.0	0.0	0.0			**100.00**			

Groundwater Mass Removal Calculation Form
Active Industrial Uniform Site

Date	Flow Stream	Operational Time (hours)	Flow Rate (gpm)	VOC Concentration (µg/L)											VOC Mass (lb/hr)	VOC Mass (lb/day)	Mass Removed (lbs VOCs)
				Methyl t-butyl ether	1,1-Dichloroethane	Trichloroethene	Tetrachloroethene	T-, c-1,2-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane	Vinyl Chloride	1,2,4,5-Tetramethylbenzene	Naphthalene	Total VOCs			
7/9/2002	INFLUENT	692	171	3	1.7	79.5	197	186	ND	4.1	ND			**471.3**	0.04035	0.96839	27.92182
7/9/2002	MIDFLUENT*	692	171	2.5	ND	ND	4.9	13.9	ND	ND	ND			**21.3**	0.00182	0.04377	1.26190
7/9/2002	EFFLUENT	692	171	ND	ND	ND	ND	ND	ND	ND	ND			**0**	0	0	0
Tower 1 Mass Removed:		692		0.5	#VALUE!	#VALUE!	192.1	172.1	0	0	0			**450**	0.039	0.925	26.660
Tower 1 Mass Removed (%):		692		16.66667	#VALUE!	#VALUE!	97.51	92.53	0.0	0.0	0.0			**95.48**			
Total Mass Removed:		692		3	0	79.5	197	186	ND	4.1	ND			**471.30**	0.040	0.968	27.922
Total Mass Removed (%):		692		100	0.0	100.0	100.0	100.0	0.0	0.0	0.0			**100.00**			
8/15/2002	INFLUENT	883	171.58	3.6	1.8	86.3	195	203.4	ND	5.7	ND			**499**	0.04287	1.02878	37.85053
8/15/2002	MIDFLUENT*	883	171.58	1.3	0	0	0	1.2	0	0	0			**2.5**	0.00021	0.00515	0.18963
8/15/2002	EFFLUENT	883	171.58	1.3	ND	ND	ND	1.2	ND	ND	ND			**2.5**	0	0	0
Tower 1 Mass Removed:		883		2.3	1.8	86.3	195	202.2	0	0	0			**496.5**	0.043	1.024	37.661
Tower 1 Mass Removed (%):		883		63.88889	100	100.00	100.00	99.41	0.0	0.0	0.0			**99.50**			
Total Mass Removed:		883		2.3	1.8	86.3	195	202.2	ND	5.7	ND			**496.50**	0.043	1.024	37.661
Total Mass Removed (%):		883		64	100.0	100.0	100.0	99.4	0.0	100.0	0.0			**99.50**			
9/12/2002	INFLUENT	672	171.58	ND	ND	57.3	259	70.9	ND	ND	ND			**387.2**	0.03326	0.79828	22.35195
9/12/2002	MIDFLUENT*	672	171.58	0	0	0	0	0	0	0	0			**0**	0.00000	0.00000	0.00000
9/12/2002	EFFLUENT	672	171.58	0	ND	ND	ND	ND	ND	ND	ND			**0**	0	0	0
Tower 1 Mass Removed:		672		#VALUE!	#VALUE!	57.3	259	70.9	0	0	0			**387.2**	0.033	0.798	22.352
Tower 1 Mass Removed (%):		672		#VALUE!	#VALUE!	100.00	100.00	100.00	0.0	0.0	0.0			**100.00**			
Total Mass Removed:		672		#VALUE!	ND	57.3	259	#VALUE!	ND	ND	ND			**387.20**	0.033	0.798	22.352
Total Mass Removed (%):		672		#VALUE!	#VALUE!	100.0	100.0	#VALUE!	0.0	#VALUE!	0.0			**100.00**			

Groundwater Mass Removal Calculation Form
Active Industrial Uniform Site

Date	Flow Stream	Operational Time (hours)	Flow Rate (gpm)	VOC Concentration (µg/L)											VOC Mass (lb/hr)	VOC Mass (lb/day)	Mass Removed (lbs VOCs)
				Methyl t-butyl ether	1,1-Dichloroethane	Trichloroethene	Tetrachloroethene	T-, c-1,2-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane	Vinyl Chloride	1,2,4,5-Tetramethylbenzene	Naphthalene	Total VOCs			
10/11/2002	INFLUENT	667	167	4.5	1.6	88.4	241	200.5	ND	ND	ND			**536**	0.04482	1.07556	29.89174
10/11/2002	MIDFLUENT*	667	167	3.6	0	2.4	5.4	13.2	0	0	0			**24.6**	0.00206	0.04936	1.37190
10/11/2002	EFFLUENT	667	167	1.8	0	0	0	0	0	0	0			**1.8**	0	0	0
Tower 1 Mass Removed:		667		0.9	1.6	86	235.6	187.3	0	0	0			**511.4**	0.043	1.026	28.520
Tower 1 Mass Removed (%):		667		20	100	97.29	97.76	93.42	0.0	0.0	0.0			**95.41**			
Total Mass Removed:		667		2.7	1.6	88.4	241	200.5	ND	ND	ND			**534.20**	0.045	1.072	29.791
Total Mass Removed (%):		667		60	100.0	100.0	100.0	100.0	0.0	#VALUE!	0.0			**99.66**			
11/7/2002	INFLUENT	667	160	2.5	0	92.2	258	179.2	0	2	0			**533.9**	0.04277	1.02644	28.52659
11/7/2002	MIDFLUENT*	667	160	0	0	0	0	0	0	0	0			**0**	0.00000	0.00000	0.00000
11/7/2002	EFFLUENT	667	160	0	0	0	0	0	0	0	0			**0**	0	0	0
Tower 1 Mass Removed:		667		2.5	0	92.2	258	179.2	0	0	0			**533.9**	0.043	1.026	28.527
Tower 1 Mass Removed (%):		667		100	#DIV/0!	100.00	100.00	100.00	0.0	0.0	0.0			**100.00**			
Total Mass Removed:		667		2.5	0	92.2	258	179.2	0	2	0			**533.90**	0.043	1.026	28.527
Total Mass Removed (%):		667		100	#DIV/0!	100.0	100.0	100.0	0.0	100.0	0.0			**100.00**			
12/11/2002	INFLUENT	786	84.5	0	0	145	513	270	0	0	0	19.9	31.1	**979**	0.04142	0.99402	32.55413
12/11/2002	MIDFLUENT*	786	84.5	0	0	0	0	0	0	0	0	0	0	**0**	0.00000	0.00000	0.00000
12/11/2002	EFFLUENT	786	84.5	0	0	0	0	0	0	0	0	0	0	**0**	0	0	0
Tower 1 Mass Removed:		786		0	0	145	513	270	0	0	0	19.9	31.1	**979**	0.041	0.994	32.554
Tower 1 Mass Removed (%):		786		#DIV/0!	#DIV/0!	100.00	100.00	100.00	#DIV/0!	#DIV/0!	#DIV/0!	100.00	100.00	**100.00**			
Total Mass Removed:		786		0	0	145	513	270	0	0	0	19.9	31.1	**979.00**	0.041	0.994	32.554
Total Mass Removed (%):		786		#DIV/0!	#DIV/0!	100.0	100.0	100.0	#DIV/0!	#DIV/0!	#DIV/0!	100.0	100.0	**100.00**			

Groundwater Mass Removal Calculation Form
Active Industrial Uniform Site

Date	Flow Stream	Operational Time (hours)	Flow Rate (gpm)	VOC Concentration (µg/L)											VOC Mass (lb/hr)	VOC Mass (lb/day)	Mass Removed (lbs VOCs)
				Methyl t-butyl ether	1,1-Dichloroethane	Trichloroethene	Tetrachloroethene	T-, c-1,2-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane	Vinyl Chloride	1,2,4,5-Tetramethylbenzene	Naphthalene	Total VOCs			
1/10/2003	INFLUENT	720	82.82	0	0	92	605	346	0	1.2	0	0	0	**1044.2**	0.04330	1.03914	31.17421
1/10/2003	MIDFLUENT*	720	82.82	0	0	0	0	0	0	0	0	0	0	**0**	0.00000	0.00000	0.00000
1/10/2003	EFFLUENT	720	82.82	0	0	0	0	0	0	0	0	0	0	**0**	0	0	0
Tower 1 Mass Removed:		720		0	0	92	605	346	0	1.2	0	0	0	**1044.2**	0.043	1.039	31.174
Tower 1 Mass Removed (%):		720		#DIV/0!	#DIV/0!	100.00	100.00	100.00	#DIV/0!	100.00	#DIV/0!	#DIV/0!	#DIV/0!	**100.00**			
Total Mass Removed:		720		0	0	92	605	346	0	1.2	0	0	0	**1044.20**	0.043	1.039	31.174
Total Mass Removed (%):		720		#DIV/0!	#DIV/0!	100.0	100.0	100.0	#DIV/0!	100.0	#DIV/0!	#DIV/0!	#DIV/0!	**100.00**			
2/12/2003	INFLUENT	792	83.2	2.99	0	125	468	204.61	0	2.13	0	0	0	**802.73**	0.03344	0.80251	26.48269
2/12/2003	MIDFLUENT*	792	83.2	--	--	--	--	--	--	--	--	--	--	**0**	0.00000	0.00000	0.00000
2/12/2003	EFFLUENT	792	83.2	0	0	0	1.99	0	0	0	0	0	0	**1.99**	0	0	0
Tower 1 Mass Removed:		792		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**802.73**	0.033	0.803	26.483
Tower 1 Mass Removed (%):		792		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**100.00**			
Total Mass Removed:		792		2.99	0	125	468	204.61	0	2.13	0	0	0	**800.74**	0.033	0.801	26.417
Total Mass Removed (%):		792		100	#DIV/0!	100.0	100.0	100.0	#DIV/0!	100.0	#DIV/0!	#DIV/0!	#DIV/0!	**99.75**			
3/13/2003	INFLUENT	696	77.2	2.62	0	140	510	251.68	0	3.56	0.82	0	3.65	**912.33**	0.03526	0.84630	24.54271
3/13/2003	MIDFLUENT*	696	77.2	--	--	--	--	--	--	--	--	--	--	**0**	0.00000	0.00000	0.00000
3/13/2003	EFFLUENT	696	77.2	0	0	0	1.79	0	0	0	0	0	0	**1.79**	0	0	0
Tower 1 Mass Removed:		696		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**912.33**	0.035	0.846	24.543
Tower 1 Mass Removed (%):		696		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**100.00**			
Total Mass Removed:		696		2.62	0	140	510	251.68	0	3.56	0.82	0	3.65	**910.54**	0.035	0.845	24.495
Total Mass Removed (%):		696		100	#DIV/0!	100.0	100.0	100.0	#DIV/0!	100.0	100.0	#DIV/0!	100.0	**99.80**			

Groundwater Mass Removal Calculation Form
Active Industrial Uniform Site

Date	Flow Stream	Operational Time (hours)	Flow Rate (gpm)	VOC Concentration (µg/L)											VOC Mass (lb/hr)	VOC Mass (lb/day)	Mass Removed (lbs VOCs)
				Methyl t-butyl ether	1,1-Dichloroethane	Trichloroethene	Tetrachloroethene	T-, c-1,2-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane	Vinyl Chloride	1,2,4,5-Tetramethylbenzene	Naphthalene	Total VOCs			
4/4/2003	INFLUENT	528	160.07	4.43	0	6.35	10.9	34.7	0	0	0	0	0	**56.38**	0.00452	0.10844	2.38568
4/4/2003	MIDFLUENT*	528	160.07	0	0	0	0	0	0	0	0	0	0	**0**	0.00000	0.00000	0.00000
4/4/2003	EFFLUENT	528	160.07	4.09	0	0	2.59	3.97	0	0	0	0	0	**10.65**	0	0	0
Tower 1 Mass Removed:		528		4.43	0	6.35	10.9	34.7	0	0	0	0	0	**56.38**	0.005	0.108	2.386
Tower 1 Mass Removed (%):		528		100	#DIV/0!	100.00	100.00	100.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	**100.00**			
Total Mass Removed:		528		0.34	0	6.35	10.9	30.73	0	0	0	0	0	**45.73**	0.004	0.088	1.935
Total Mass Removed (%):		528		8	#DIV/0!	100.0	100.0	88.6	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	**81.11**			
5/6/2003	INFLUENT	744	151.41	4.11	0.99	49.2	244	86.5	0	1.4	0	0	0	**386.2**	0.02928	0.70262	21.78130
5/6/2003	MIDFLUENT*	744	151.41	--	--	--	--	--	--	--	--	--	--	**0**	0.00000	0.00000	0.00000
5/6/2003	EFFLUENT	744	151.41	1.9	0	0	0	0	0	0	0	0	0	**1.9**	0	0	0
Tower 1 Mass Removed:		744		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**386.2**	0.029	0.703	21.781
Tower 1 Mass Removed (%):		744		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**100.00**			
Total Mass Removed:		744		2.21	0.99	49.2	244	86.5	0	1.4	0	0	0	**384.30**	0.029	0.699	21.674
Total Mass Removed (%):		744		54	100.0	100.0	100.0	100.0	#DIV/0!	100.0	#DIV/0!	#DIV/0!	#DIV/0!	**99.51**			
6/17/2003	INFLUENT	984	144.54	4.51	0	54.1	224	84.5	0	1.75	0	0	0	**368.86**	0.02669	0.64063	26.26569
6/17/2003	MIDFLUENT*	984	144.54	--	--	--	--	--	--	--	--	--	--	**0**	0.00000	0.00000	0.00000
6/17/2003	EFFLUENT	984	144.54	0	0	0	0	0	0	0	0	0	0	**0**	0	0	0
Tower 1 Mass Removed:		984		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**368.86**	0.027	0.641	26.266
Tower 1 Mass Removed (%):		984		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**100.00**			
Total Mass Removed:		984		4.51	0	54.1	224	84.5	0	1.75	0	0	0	**368.86**	0.027	0.641	26.266
Total Mass Removed (%):		984		100	#DIV/0!	100.0	100.0	100.0	#DIV/0!	100.0	#DIV/0!	#DIV/0!	#DIV/0!	**100.00**			

Groundwater Mass Removal Calculation Form
Active Industrial Uniform Site

Date	Flow Stream	Operational Time (hours)	Flow Rate (gpm)	VOC Concentration (µg/L) Methyl t-butyl ether	1,1-Dichloroethane	Trichloroethene	Tetrachloroethene	T-, c-1,2-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane	Vinyl Chloride	1,2,4,5-Tetramethylbenzene	Naphthalene	Total VOCs	VOC Mass (lb/hr)	VOC Mass (lb/day)	Mass Removed (lbs VOCs)
7/11/2003	INFLUENT	648	94.21	2.87	0	106	330	125.99	0	3.37	0	0	0	**568.23**	0.02680	0.64325	17.36762
7/11/2003	MIDFLUENT*	648	94.21	1.68	0	0.88	2.92	2.76	0	0	0	0	0	**8.24**	0.00039	0.00933	0.25185
7/11/2003	EFFLUENT	648	94.21	0	0	0	0	0	0	0	0	0	0	**0**	0	0	0
Tower 1 Mass Removed:		648		1.19	0	105.12	327.08	123.23	0	3.37	0	0	0	**559.99**	0.026	0.634	17.116
Tower 1 Mass Removed (%):		648		41.46341	#DIV/0!	99.17	99.12	97.81	#DIV/0!	100.00	#DIV/0!	#DIV/0!	#DIV/0!	**98.55**			
Total Mass Removed:		648		2.87	0	106	330	125.99	0	3.37	0	0	0	**568.23**	0.027	0.643	17.368
Total Mass Removed (%):		648		100	#DIV/0!	100.0	100.0	100.0	#DIV/0!	100.0	#DIV/0!	#DIV/0!	#DIV/0!	**100.00**			
8/12/2003	INFLUENT	744	161.5	4.92	0	67	357	90.7	0	1.88	0	0	0	**521.5**	0.04217	1.01200	31.37212
8/12/2003	MIDFLUENT*	744	161.5	--	--	--	--	--	--	--	--	--	--	**0**	0.00000	0.00000	0.00000
8/12/2003	EFFLUENT	744	161.5	1.73	0	0	0	0	0	0	0	0	0	**1.73**	0	0	0
Tower 1 Mass Removed:		744		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**521.5**	0.042	1.012	31.372
Tower 1 Mass Removed (%):		744		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**100.00**			
Total Mass Removed:		744		3.19	0	67	357	90.7	0	1.88	0	0	0	**519.77**	0.042	1.009	31.268
Total Mass Removed (%):		744		65	#DIV/0!	100.0	100.0	100.0	#DIV/0!	100.0	#DIV/0!	#DIV/0!	#DIV/0!	**99.67**			
9/5/2003	INFLUENT	552	160.33	5.74	0.85	68.8	416	85.7	0	1.57	0	0	0	**578.66**	0.04645	1.11479	25.64020
9/5/2003	MIDFLUENT*	552	160.33	--	--	--	--	--	--	--	--	--	--	**0**	0.00000	0.00000	0.00000
9/5/2003	EFFLUENT	552	160.33	1.98	0	0	0	0	0	0	0	0	0	**1.98**	0	0	0
Tower 1 Mass Removed:		552		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**578.66**	0.046	1.115	25.640
Tower 1 Mass Removed (%):		552		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**100.00**			
Total Mass Removed:		552		3.76	0.85	68.8	416	85.7	0	1.57	0	0	0	**576.68**	0.046	1.111	25.552
Total Mass Removed (%):		552		66	100.0	100.0	100.0	100.0	#DIV/0!	100.0	#DIV/0!	#DIV/0!	#DIV/0!	**99.66**			

Groundwater Mass Removal Calculation Form
Active Industrial Uniform Site

Date	Flow Stream	Operational Time (hours)	Flow Rate (gpm)	VOC Concentration (µg/L)											VOC Mass (lb/hr)	VOC Mass (lb/day)	Mass Removed (lbs VOCs)
				Methyl t-butyl ether	1,1-Dichloroethane	Trichloroethene	Tetrachloroethene	T-, c-1,2-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane	Vinyl Chloride	1,2,4,5-Tetramethylbenzene	Naphthalene	Total VOCs			
2/18/2004	EFFLUENT	1440	149.7	0	0	0	2.39	0.74	0	0	0	0	0	**3.13**	0.00023	0.00563	0.33788
Tower 1 Mass Removed:		1440		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**715.5**	0.054	1.287	77.237
Tower 1 Mass Removed (%):		1440		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**100.00**			
Total Mass Removed:		1440		0	0	96.5	515	103	0	0	0	0	0	**712.37**	0.053	1.282	76.899
Total Mass Removed (%):		1440		#DIV/0!	#DIV/0!	100.0	100.0	99.3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	**99.56**			
3/24/2004	INFLUENT	840	142.1	3.74	0	106	515	191	0	2.04	0	0	0	**817.78**	0.05816	1.39593	48.85755
3/24/2004	MIDFLUENT*	840	142.1	--	--	--	--	--	--	--	--	--	--	**0**	0.00000	0.00000	0.00000
3/24/2004	EFFLUENT	840	142.1	0	0	0	0	0	0	0	0	0	0	**0**	0.00000	0.00000	0.00000
Tower 1 Mass Removed:		840		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**817.78**	0.058	1.396	48.858
Tower 1 Mass Removed (%):		840		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**100.00**			
Total Mass Removed:		840		3.74	0	106	515	191	0	2.04	0	0	0	**817.78**	0.058	1.396	48.858
Total Mass Removed (%):		840		100	#DIV/0!	100.0	100.0	100.0	#DIV/0!	100.0	#DIV/0!	#DIV/0!	#DIV/0!	**100.00**			
4/13/2004	INFLUENT	480	146.7	3.56	5.63	123	657	169.25	0	3.75	0	0.96	4.05	**967.2**	0.07103	1.70468	34.09357
4/13/2004	MIDFLUENT*	480	146.7	1.54	--	0.87	2.69	2.06	--	--	--	--	--	**7.16**	0.00053	0.01262	0.25239
4/13/2004	EFFLUENT	480	146.7	0	0	0	0	0	0	0	0	0	0	**0**	0.00000	0.00000	0.00000
Tower 1 Mass Removed:		480		2.02	#VALUE!	122.13	654.31	167.19	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**960.04**	0.071	1.692	33.841
Tower 1 Mass Removed (%):		480		56.74157	#VALUE!	99.29	99.59	98.78	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**99.26**			
Total Mass Removed:		480		3.56	5.63	123	657	169	0	3.75	0	0.96	4.05	**967.20**	0.071	1.705	34.094
Total Mass Removed (%):		480		100	100.0	100.0	100.0	100.0	#DIV/0!	100.0	#DIV/0!	100.0	100.0	**100.00**			
Cumulative mass removed (lbs VOCs):																	719.734

* Midfluent flowrate assumed to be the average of the influent and effluent.
VOCs Volatile organic compounds.
gpm Gallons per minute.
lb/hr Pounds per hour.
lb/day Pounds per day.
4/13/04 1,1 DCA value is the sum of a few other VOCs that weren't on the table. Refer to Table 1 for actual parameter results.

Groundwater Mass Removal Calculation Form
Active Industrial Uniform Site

Date	Flow Stream	Operational Time (hours)	Flow Rate (gpm)	VOC Concentration (µg/L)											VOC Mass (lb/hr)	VOC Mass (lb/day)	Mass Removed (lbs VOCs)
				Methyl t-butyl ether	1,1-Dichloroethane	Trichloroethene	Tetrachloroethene	T-, c-1,2-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane	Vinyl Chloride	1,2,4,5-Tetramethylbenzene	Naphthalene	Total VOCs			
10/3/2003	INFLUENT	648	159	4.5	0.88	65.4	270	100.63	0	2.1	0	0	0	**443.51**	0.03531	0.84734	22.87808
10/3/2003	MIDFLUENT*	648	159	3.19	--	--	2.81	4.27	--	--	--	--	--	**10.27**	0.00082	0.01962	0.52977
10/3/2003	EFFLUENT	648	159	1.98	0	0	0	0	0	0	0	0	0	**1.98**	0	0	0
Tower 1 Mass Removed:		648		1.31	#VALUE!	#VALUE!	267.19	96.36	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**433.24**	0.034	0.828	22.348
Tower 1 Mass Removed (%):		648		29.11111	#VALUE!	#VALUE!	98.96	95.76	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**97.68**			
Total Mass Removed:		648		2.52	0.88	65.4	270	100.63	0	2.1	0	0	0	**441.53**	0.035	0.844	22.776
Total Mass Removed (%):		648		56	100.0	100.0	100.0	100.0	#DIV/0!	100.0	#DIV/0!	#DIV/0!	#DIV/0!	**99.55**			
11/6/2003	INFLUENT	816	159.2	0	0	27	96.4	67.68	0	0	0	0	0	**191.08**	0.01523	0.36552	12.42775
11/6/2003	MIDFLUENT*	816	159.2	--	--	--	--	--	--	--	--	--	--	**0**	0.00000	0.00000	0.00000
11/6/2003	EFFLUENT	816	159.2	1.31	0	0	0	0	0	0	0	0	0	**1.31**	0	0	0
Tower 1 Mass Removed:		816		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**191.08**	0.015	0.366	12.428
Tower 1 Mass Removed (%):		816		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**100.00**			
Total Mass Removed:		816		-1.31	0	27	96.4	67.68	0	0	0	0	0	**189.77**	0.015	0.363	12.343
Total Mass Removed (%):		816		#DIV/0!	#DIV/0!	100.0	100.0	100.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	**99.31**			
12/20/2003	INFLUENT	1008	163.2	0	0	34.1	121	70.9	0	0	0	0	0	**226**	0.01847	0.44318	18.61372
12/20/2003	MIDFLUENT*	1008	163.2	--	--	--	--	--	--	--	--	--	--	**0**	0.00000	0.00000	0.00000
12/20/2003	EFFLUENT	1008	163.2	0	0	0	0	0	0	0	0	0	0	**0**	0	0	0
Tower 1 Mass Removed:		1008		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**226**	0.018	0.443	18.614
Tower 1 Mass Removed (%):		1008		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	**100.00**			
Total Mass Removed:		1008		0	0	34.1	121	70.9	0	0	0	0	0	**226.00**	0.018	0.443	18.614
Total Mass Removed (%):		1008		#DIV/0!	#DIV/0!	100.0	100.0	100.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	**100.00**			
2/18/2004	INFLUENT	1440	149.7	0	0	96.5	515	104	0	0	0	0	0	**715.5**	0.05364	1.28728	77.23694
2/18/2004	MIDFLUENT*	1440	149.7	--	--	--	--	--	--	--	--	--	--	**0**	0.00000	0.00000	0.00000