Dvirka and Bartilucci
CONSULTING ENGINEERS

330 Crossways Park Drive, Woodbury, New York 11797-2015
516-364-9890 ▪ 718-460-3634 ▪ Fax: 516-364-9045
e-mail: findingsolutions@db-eng.com

November 11, 2008

Mr. Payson Long
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, NY 12233-7013

Re: Active Industrial Uniform Site (Site No. 1-52-125)
D&B Work Assignment No. D004446-01
Quarterly Report No. 14
April 1, 2008 through June 30, 2008
D&B No. 2578

Dear Mr. Long:

The purpose of this letter is to summarize the performance of the groundwater extraction and treatment system for the Active Industrial Uniform Site, located at 63 West Montauk Highway in the Village of Lindenhurst, Suffolk County, New York (see Attachment A, Figure 1), for the period of April 1, 2008 through June 30, 2008. Presented below is a summary of system operations during the quarter, as well as the results of sampling performed in accordance with the work plan for the referenced work assignment.

Groundwater Extraction and Treatment System Operations

During this period, on-site extraction well RW-1 operated at an average rate of approximately 38.6 gallons per minute (gpm). As you are aware, pumping rates in this well have steadily decreased below design extraction rates (min. 80 gpm) over the past few years. During the well rehabilitation activities conducted in December 2007, it was observed that the pump bearing assembly had been compromised and parts of the pump exhibited corrosion. Subsequent testing of the sludge adhered to the pump revealed the presence of *Gallionella ferruginea*, an iron-oxidizing chemolithotropic bacterium. Based on the conditions observed, and pumping and water level measurements collected during and subsequent to the well rehabilitation activities, it was recommended in an e-mail correspondence to NYSDEC dated January 11, 2008, that the pump be replaced and the well be treated by chemicals. Costs to perform this work and a scope of work were submitted via e-mail correspondence to NYSDEC dated April 3, 2008, for review and approval.

During this same period, off-site extraction well RW-2 was not in operation due to a ground fault failure which occurred in August 2006. It should be noted, however, that monitoring data from the off-site wells continued to show a decreasing trend in concentrations of constituents of concern below Class GA groundwater standards. As a result, repair and remedy of the extraction well failure was not warranted. In June 2007, NYSDEC requested a Scope of Work to repair RW-2 due to a "leveling off" in concentrations of constituents of concern in off-site wells. Costs for pulling and replacing the pump and its associated cabling were sent to the NYSDEC for review and approval in July 2007. The work was approved via e-mail correspondence from NYSDEC dated June 16, 2008 and will be scheduled for completion during Quarter 15.

During this period, approximately 5,016,800 gallons of treated groundwater was discharged to Little Neck Creek. Overall, the groundwater extraction system was inoperative for approximately 16 hours, due to two system alarm conditions and one routine system maintenance event. Routine maintenance events performed during this period included maintenance of the pressure blower on June 17, 2008. Non-routine maintenance events performed during this period included diagnosis and repair of an inoperable auto dialer on May 5, 2008. A summary of system downtime is presented in Attachment B. Copies of routine system maintenance reports, as prepared by Systematic Technologies, Inc., are presented in Attachment C.

Groundwater Extraction and Treatment System Sampling (Aqueous)

Monthly samples were collected from the combined influent sample tap (COMB-INF) and from the treatment system discharge sample tap (COMB-EFF) on April 21, May 14 and June 19, 2008. Each sample was analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260. The samples collected from the combined influent sample tap were also analyzed for Target Analyte List (TAL) metals by NYSDEC 6/00 Analytical Services Protocol (ASP) Method ILMO4.0 and for pH by USEPA Method 9040.

Quarterly samples were collected on June 19, 2008, from the sample tap located between the two air strippers (AS-MID) and from the treatment system discharge sample tap. Each sample was analyzed for VOCs by USEPA Method 8260. The treatment system discharge sample was also analyzed for TAL metals by NYSDEC 6/00 ASP Method ILMO4.0.

Semiannual sampling was conducted on June 19, 2008, from the treatment system discharge sample tap. The sample was analyzed for pH by USEPA Method 9040, chemical oxygen demand (COD) by USEPA Method 410.4/401.2, alkalinity by USEPA Method 310.1, total suspended solids (TSS) by USEPA Method 160.2 and total dissolved solids (TDS) by USEPA Method 1601.1. In accordance with discharge requirements, a grab sample was also collected from the treatment system discharge sample tap and field analyzed for pH, temperature, turbidity, conductivity, dissolved oxygen and total chlorine.

All aqueous sample results are provided in Attachment D. Based on the three rounds of monthly influent sample results, COMB-INF total VOCs ranged from a high of 208.5 micrograms per liter (ug/l) (April 21, 2008) to a low of 152.6 ug/l (May 14, 2008) and cis-1,2-dichloroethene (cis-1,2-DCE), trichloroethene (TCE) and tetrachloroethene (PCE) were detected at concentrations above their applicable NYSDEC Class GA groundwater standard or guidance value in all samples collected.

The sample results from the air stripper discharge are compared to the NYSDEC site-specific State Pollution Discharge Elimination System (SPDES) permit equivalency effluent limits issued in February 2001. Based on the effluent sample results, COMB-EFF VOCs, metals and wet chemistry parameters were detected below NYSDEC site-specific effluent limits. Approximately 8.33 pounds of total VOCs were removed from the extracted groundwater during the period. The average total VOC removal efficiency for this quarter was approximately 97 percent. A summary of the extraction and treatment system performance results for this period is provided in Attachment E.

Groundwater Extraction and Treatment System Sampling (Air)

Air samples were collected from the vapor phase carbon adsorption system influent sample tap (VPCV-INF), the sample tap located between the carbon vessels (VPCV-MID) and the effluent sample tap (VPCV-EFF) on April 21, May 14 and June 19, 2008.

All air sample results are provided in Attachment D. The results of the vapor phase carbon adsorption system discharge samples (VPCV-EFF) are compared to the NYSDEC site-specific air permit equivalency effluent limits. All air discharge results were below NYSDEC site-specific air permit equivalency effluent limits for the period, with the exception of total xylenes detected during the April 21, 2008 sampling event. However, it should be noted that total xylenes were detected below the site-specific effluent limit during all subsequent sampling events.

Groundwater Quality Data

The network of groundwater monitoring wells was sampled to determine groundwater quality at, and in the vicinity of, the site. Samples were collected from eight on-site monitoring wells (MW-101 through MW-108) and two off-site monitoring wells (MW-109 and MW-111) on June 25, 2008. Each groundwater sample was analyzed for VOCs by USEPA Method 8260 and for pH by USEPA Method 9040. Monitoring well MW-110 could not be located and has reportedly been paved over and, as a result, was not sampled. A historical report review conducted as a part of the site periodic review indicated that off-site monitoring well MW-110 was located within the center of the off-site plume. Therefore, in order to better assess any potential off-site contamination, it is recommended to replace MW-110. In addition, it is also recommended to install an additional two monitoring wells (MW-112 and MW-113) on Willow Lane and Grove Street based on historical groundwater

concentrations in those areas. Details regarding the additional monitoring well installation recommendations will be provided in the forthcoming Active Industrial Periodic Review Report.

The locations of the on-site monitoring wells are shown in Figure 2, provided in Attachment A. The locations of the off-site monitoring wells are shown in Figure 3, provided in Attachment A. All groundwater sample results are summarized in Attachment D and are compared to the NYSDEC Class GA groundwater standards and guidance values.

Concentrations of total VOCs detected in the on-site monitoring wells ranged from nondetect to 925 ug/l. Five on-site monitoring wells (MW-103, MW-104, MW-105, MW-106 and MW–107) contained at least one VOC at a concentration above Class GA standards or guidance values. Monitoring well MW-106, located in the southeast corner of the site, contained the greatest concentration of total VOCs (925 ug/l), with cis-1,2-DCE, PCE, TCE and vinyl chloride (VC) detected at concentrations exceeding Class GA standards. The total VOC concentrations in monitoring wells MW-103, MW-104, MW-105 and MW–107, located near the center and western portions of the site, were 22.9 ug/l, 513 ug/l, 37.2 ug/l and 41.7 ug/l, respectively. VOCs were not detected at concentrations above Class GA standards or guidance values in on-site monitoring wells MW-101, MW-102 or MW-108.

Off-site monitoring wells MW-109 and MW-111 exhibited total VOC concentrations of 4.6 ug/l and nondetect, respectively; however, all detected VOCs exhibited concentrations below their applicable Class GA standards and guidance values.

Attachment F includes graphs which summarize historical concentrations of total VOCs, cis-1,2-DCE, PCE, TCE and VC detected in the on-site and off-site monitoring wells from June 2006 through June 2008. Note that VOCs have primarily been detected above their respective standards in on-site monitoring wells MW-104 and MW-106. On-site, historical PCE concentrations have been detected somewhat sporadically in MW-104, with concentrations ranging from 5 ug/l to 1,660 ug/l, while in MW-106, concentrations detected are relatively stable at an average of approximately 100 ug/l. Since last quarter, most on-site wells have exhibited an increase in PCE concentrations, with the exception of MW-106 and MW-108. On-site historical cis-1,2-DCE concentrations have also been detected somewhat sporadically in MW-106 with decreasing concentrations as compared to the previous quarter. Historical concentrations of TCE exhibit an increasing trend in MW-106, with concentrations ranging from 21 ug/l to 340 ug/l. Historical concentrations of VC exhibit an increasing trend in MW-106, with concentrations from 15 ug/l to 500 ug/l; however, the VC concentration detected this quarter was the lowest since September 2007.

Off-site, concentrations of these compounds have historically been detected below their respective groundwater standards in MW-109.

Groundwater sampling for Quarter 15 is scheduled for September 2008.

Data Validation

The data packages submitted by Mitkem Corporation (Mitkem) have been reviewed for completeness and compliance with NYSDEC ASP Quality Assurance/Quality Control (QA/QC) requirements. Mitkem is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory. The analysis of air samples was subcontracted by Mitkem to Centek Laboratories, LLC, a NYSDOH ELAP-certified air laboratory. All sample results have been deemed valid and usable for environmental assessment purposes as qualified below:

- All samples were analyzed within the method specified holding times and all QA/QC requirements (surrogate recoveries, calibrations, blanks, etc.) were met.

All data is deemed valid and usable for environmental assessment purposes as qualified above.

Findings/Conclusions

Based on the results of performance monitoring conducted during the period, we offer the following conclusions:

- The results of system influent samples show that extraction well RW-1 continues to capture VOC-contaminated groundwater.
- Extraction well pump RW-1 showed signs of corrosion and wear when it was inspected on December 21, 2007. The results of sludge samples collected from extraction well RW-1 indicate that iron-oxidizing bacteria is present within the well, limiting the yield potential of the extraction well.
- Extraction well pump RW-2 continues to remain out of operation due to a ground fault condition identified during inspection activities conducted on December 6, 2006.
- The results of system effluent (COMB-EFF) samples demonstrate that the air stripping towers are effectively removing the captured VOCs to concentrations below the NYSDEC site-specific effluent limits.
- The results of vapor discharge samples demonstrate that the vapor phase carbon vessels are effectively removing VOCs to concentrations below their respective NYSDEC site-specific discharge limits.
- Five of the eight on-site monitoring wells exhibited at least one VOC at concentrations above NYSDEC Class GA groundwater standards and guidance values.
- Off-site monitoring wells MW-109 and MW-111 did not exhibit any VOCs at concentrations above Class GA standards and guidance values.

Recommendations

Based on the results of performance monitoring completed during the period, we provide the following recommendations:

- Continue operation of the groundwater extraction and treatment system to minimize downgradient migration of site-related contaminants currently being captured by the system.
- Due to the conditions of the pump in extraction well RW-1 observed in December 2007 during well rehabilitation efforts, it is recommended to remove and replace the extraction well pump, motor and wiring. Additionally, in order to reduce the presence of the bacteria and increase the yield potential of extraction well RW-1, it is recommended to chemically clean the well in conjunction with pumping and surging of the well.
- It is recommended to remove and replace the pump, motor and wiring from extraction well RW-2, as approved by the NYSDEC in a June 16, 2008 e-mail correspondence.
- It is recommended to install three new off-site monitoring wells to better assess off-site groundwater contamination. Note that additional details and a figure depicting the proposed well locations will be provided in the forthcoming Active Industrial Periodic Review Report.

Please do not hesitate to contact me at (516) 364-9890 if you have any questions.

Very truly yours,

Stephen Tauss
Project Manager

FD/PSM/jmy,kap
Attachments
cc: R. Walka (D&B)
F. DeVita (D&B)
P. Martorano (D&B)
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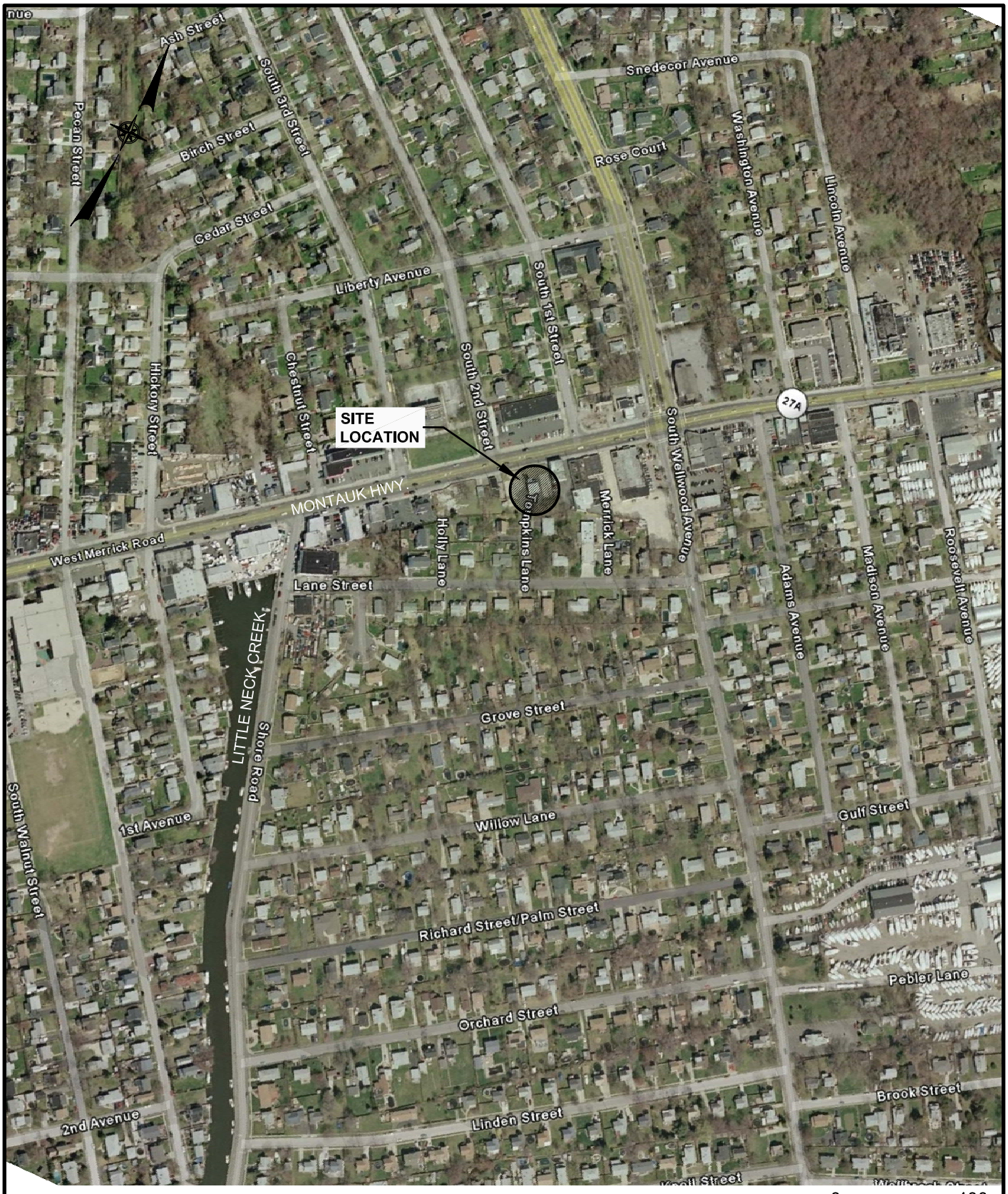
ATTACHMENT A

FIGURES



SOURCE: GOOGLE EARTH 2005

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

ACTIVE INDUSTRIAL UNIFORM SITE
VILLAGE OF LINDENHURST, NEW YORK

PROJECT SITE LOCATION MAP

FIGURE 1

F:\2578\Quarterly Report\FIGURE 1.dwg, FIG 2-1, 8/6/2008 4:02:17 PM, PMartorano

WEST MERRICK ROAD
(AKA WEST MONTAUK HIGHWAY) SR27A

8' WIDE CONCRETE WALK

SIDEWALK

MW-102

MW-101

APPROXIMATE EXTENT
OF LIMITED EXCAVATION
PERFORMED IN
NOVEMBER 2000

EXISTING CONCRETE SURFACE

MW-103

CONCRETE PAD

TREATMENT FACILITY
(32' x 26')

APPROXIMATE LOCATION
OF FORMER PCE
STORAGE TANKS

MW-104

LIMIT OF ASPHALT

MW-105

EXISTING CONCRETE SURFACE

APPROXIMATE EXTENT
OF LIMITED EXCAVATION
PERFORMED IN
NOVEMBER 2000

DRIVEWAY

EXISTING GRAVEL SURFACE

MW-108

RW-1

MW-107

EXISTING GRAVEL SURFACE

MW-106

TOMPKINS LANE

LEGEND

MW-101 GROUNDWATER MONITORING WELL

RW-1 GROUNDWATER RECOVERY WELL

GROUNDWATER FLOW DIRECTION

BASE MAP SOURCE - CAMP DRESSER AND McKEE (MARCH 2000), LAW ENGINEERING AND ENVIRONMENTAL SERVICES, P.C. (SEPTEMBER 2002)

0 20
SCALE IN FEET

ACTIVE INDUTRIAL UNIFORM SITE
VILLAGE OF LINDENHURST, NEW YORK

ON-SITE MONITORING WELLS AND RECOVERY WELL AND GROUNDWATER FLOW DIRECTION

FIGURE 2

Dvirka and Bartilucci
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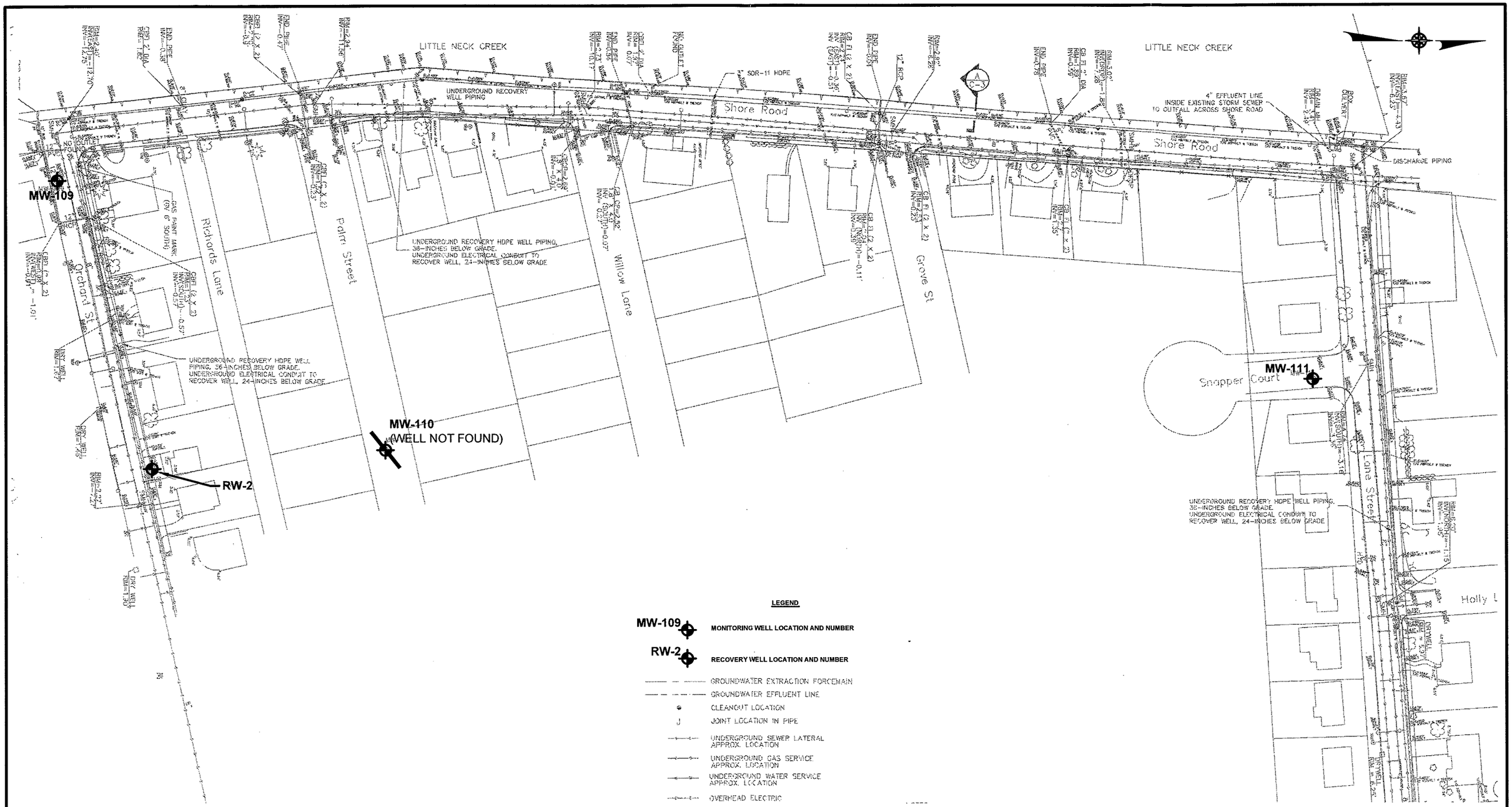
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F:\2578\Quarterly Report\FIGURE 2.dwg, FIG 2, 2/8/2008 9:33:10 AM, PMartorano



SOURCE - CAMP DRESSER AND McKEE (MARCH 2000), LAW ENGINEERING AND ENVIRONMENTAL SERVICES, P.C. (SEPTEMBER 2002)

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

ACTIVE INDUTRIAL UNIFORM SITE
VILLAGE OF LINDENHURST, NEW YORK

OFF-SITE MONITORING WELL LOCATION MAP

FIGURE 3

ATTACHMENT B

DESCRIPTION OF SYSTEM ALARM CONDITIONS

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
SUMMARY OF SYSTEM DOWNTIME

SHUT-OFF DATE/TIME	RESTART DATE/TIME	CAUSE FOR SHUTDOWN
6/8/08 8:30 PM	6/9/08 8:30 AM	General alarm - High stripper #1 - Reset VFD's. Pump stripper sump #1 to low level. Restart system
6/9/08 9:10 AM	6/9/08 1:10 PM	General alarm - High pressure cartridge filter/High stripper #1 - Pump stripper #1 to low level. Restart system
6/17/08 8:00 AM	6/17/08 8:45 AM	(1) Routine maintenance event - Performed blower routine maintenance. Restart system.

NOTES:

1. Maintenance event performed by Systematic Technologies, Inc.

ATTACHMENT C

SYSTEM MAINTENANCE REPORTS

MAINTENANCE AND INSPECTION REPORT

ACTIVE INDUSTRIAL UNIFORM SITE, LINDENHURST, NY

Date: 5/5/08				
Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	President	1915	2045	3 (incl. travel)

Check off Items that were completed:

- ☐ Item 1: Snow Removal
- ☐ Item 2: Pressure Blower Maintenance
- ☐ Item 2A: Pressure Blower Fan Wheel Replacement
- ☐ Item 3: Transfer Pump Maintenance
- ☐ Item 4: Air Stripper Maintenance
- ☐ Item 5: Granular Activated Carbon Removal and Replacement
- ☐ Item 6: Removal and Replacement of Air Stripper Packing Material
- ☐ Item 7: Solids Filtration Change-out
- ☑ Item 8: Non-Routine Maintenance Services

Description of Work:

- Item 8: Auto dialer inoperable. Replaced batteries, cleaned circuit board, re-programmed – problem corrected.

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used
D Cell Battery	Panasonic		6

Description of Waste Generated	Volume of Waste	Disposal Facility (Name & Address)	Waste Transporter (Name & Address)

In signing this report I hereby certify that to the best of my knowledge the maintenance and inspection activities performed during this event conform to the requirements specified under contract between STI and Dvirka and Bartilucci.

Luke Sorensen 5/29/08

Signature / Print / Date

MAINTENANCE AND INSPECTION REPORT

ACTIVE INDUSTRIAL UNIFORM SITE, LINDENHURST, NY

Date: 6/17/08				
Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	President	0800	0845	2.25 (incl. travel)
E. sorensen	Technician	0800	0845	2.25 (incl. travel)

Check off Items that were completed:

- ☐ Item 1: Snow Removal
- ☑ Item 2: Pressure Blower Maintenance
- ☐ Item 2A: Pressure Blower Fan Wheel Replacement
- ☐ Item 3: Transfer Pump Maintenance
- ☐ Item 4: Air Stripper Maintenance
- ☐ Item 5: Granular Activated Carbon Removal and Replacement
- ☐ Item 6: Removal and Replacement of Air Stripper Packing Material
- ☐ Item 7: Solids Filtration Change-out
- ☐ Item 8: Non-Routine Maintenance Services

Description of Work:

Item 2: Pressure Blower Maintenance

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used
Bearing Grease	ExxonMobil	Mobilith SHC100	Not Measurable

Description of Waste Generated	Volume of Waste	Disposal Facility (Name & Address)	Waste Transporter (Name & Address)

In signing this report I hereby certify that to the best of my knowledge the maintenance and inspection activities performed during this event conform to the requirements specified under contract between STI and Dvirka and Bartilucci.

Luke Sorensen 6/29/08

Signature / Print / Date

ATTACHMENT D

ANALYTICAL RESULTS

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF SYSTEM COMBINED INFLUENT ANALYSIS - VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID	COMB INF	COMB INF	COMB INF	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES (ug/L)
SAMPLE TYPE	WATER	WATER	WATER	
DATE OF COLLECTION	4/21/2008	5/14/2008	6/19/2008	
COLLECTED BY	D&B	D&B	D&B	
UNITS	(ug/L)	(ug/L)	(ug/L)	
VOCs				
Dichlorodifluoromethane	U	U	U	5 GV
Chloromethane	U	U	U	--
Vinyl chloride	U	U	U	2 ST
Bromomethane	U	U	U	5 ST
Chloroethane	U	U	U	5 ST
Trichlorofluoromethane	U	U	U	5 ST
1,1-Dichloroethene	U	U	U	5 ST
Acetone	U	U	U	50 GV
Iodomethane	U	U	U	--
Carbon disulfide	U	U	U	60 GV
Methylene chloride	U	U	U	5 ST
trans 1,2-Dichloroethene	U	U	U	5 ST
Methyl-tert butyl ether	1.5 J	1.6 J	1.8 U	10 GV
1,1-Dichloroethane	U	U	U	5 ST
Vinyl acetate	U	U	U	--
2-Butanone	U	U	U	50 GV
cis-1,2-Dichloroethene	**37**	**27**	**43**	5 ST
2,2-Dichloropropane	U	U	U	5 ST
Bromochloromethane	U	U	U	5 ST
Chloroform	U	U	U	7 ST
1,1,1-Trichloroethane	U	U	U	5 ST
1,1-Dichloropropene	U	U	U	5 ST
Carbon tetrachloride	U	U	U	5 ST
1,2-Dichloroethane	U	U	U	0.6 ST
Benzene	U	U	U	1 ST
Trichloroethene	**30**	**24**	**40**	5 ST
1,2-Dichloropropane	U	U	U	1 ST
Bromodichloromethane	U	U	U	5 ST
cis-1,3-Dichloropropene	U	U	U	0.4 ST
4-Methyl-2-pentanone	U	U	U	--
Toluene	U	U	J	5 ST
trans-1,3-Dichloropropene	U	U	U	0.4 ST
1,1,2-Trichloroethane	U	U	U	1 ST
1,3-Dichloropropane	U	U	U	5 ST
Tetrachloroethene	**140**	**100**	**120**	5 ST
2-Hexanone	U	U	U	50 GV
Dibromochloromethane	U	U	U	50 GV
1,2-Dibromoethane	U	U	U	5 ST
Chlorobenzene	U	U	U	5 ST
1,1,1,2-Tetrachloroethane	U	U	U	5 ST
Ethylbenzene	U	U	U	5 ST
Xylene (total)	U	U	U	5 ST
Styrene	U	U	U	5 ST
Bromoform	U	U	U	50 GV
Isopropylbenzene	U	U	U	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	5 ST
Bromobenzene	U	U	U	5 ST
1,2,3-Trichloropropane	U	U	U	0.04 ST
n-Propylbenzene	U	U	U	5 ST
2-Chlorotoluene	U	U	U	5 ST
1,3,5-Trimethylbenzene	U	U	U	5 ST
4-Chlorotoluene	U	U	U	5 ST
tert-Butylbenzene	U	U	U	5 ST
1,2,4-Trimethylbenzene	U	U	U	5 ST
sec-Butylbenzene	U	U	U	5 ST
4-Isopropyltoluene	U	U	U	5 ST
1,3-Dichlorobenzene	U	U	U	3 ST
1,4-Dichlorobenzene	U	U	U	3 ST
n-Butylbenzene	U	U	U	5 ST
1,2-Dichlorobenzene	U	U	U	3 ST
1,2-Dibromo-3-chloropropane	U	U	U	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	5 ST
Hexachlorobutadiene	U	U	U	0.5 ST
Naphthalene	U	U	U	10 GV
1,2,3-Trichlorobenzene	U	U	U	5 ST
Total VOCs	208.5	152.6	204.8	

NOTES:

Concentration exceeds NYSDEC Class GA Groundwater Standards or Guidance Values

ABBREVIATIONS:

ug/L = Micrograms per liter
--: Not established
ST: Standard Value
GV: Guidance Value

QUALIFIERS:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated
D: Result taken from reanalysis at a secondary dilution
U*: Result qualified as non-detect based on validation criteria.

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF SYSTEM COMBINED INFLUENT ANALYSIS - INORGANIC COMPOUNDS AND GENERAL CHEMISTRY

SAMPLE ID	COMB INF	COMB INF	COMB INF	NYSDEC CLASS GA GROUNDWATER STANDARDS (ug/L)
SAMPLE TYPE	WATER	WATER	WATER	
DATE OF COLLECTION	4/21/2008	5/14/2008	6/19/2008	
COLLECTED BY	D&B	D&B	D&B	
UNITS	(ug/L)	(ug/L)	(ug/L)	
INORGANIC COMPOUNDS				
Aluminum	U	11.5 B	7.60 U	--
Antimony	U	U	2.00 U	3
Arsenic	U	U	2.50 U	25
Barium	18.9 B	20.3 B	21.40 B	1,000
Beryllium	U	0.057 B	0.031 B	--
Cadmium	0.21 B	0.13 B	0.24 B	5
Calcium	21,700	22,900	22600.00	--
Chromium	U	U	0.18 B	--
Cobalt	1.4 B	0.96 B	0.60 B	--
Copper	4.7 B	7.1 B	12.10 B	200
Iron	134 E	67.8 B	109.00	300
Lead	1.7 B	U	1.30 U	25
Magnesium	3,840 B	3,940 B	3854.00 B	--
Manganese	**1,160**	**1,120**	**1,060**	300
Mercury	U	0.081 B	0.060 U	0.7
Nickel	1.4 B	0.57 B	1.00 B	100
Potassium	2,760 B	2,540 B	2590.00	--
Selenium	U	U	4.80 U	10
Silver	U	4.7 B	0.45 U	50
Sodium	**25,900**	**25,500**	**26,300**	20,000
Thallium	U	U	3.10 B	--
Vanadium	U	U	0.50 U	--
Zinc	13.2 BE	21.9	28.90	--
Iron and Manganese	**1,294**	**1,188**	**1,169**	500
GENERAL CHEMISTRY				
pH (S.U.)	**6.2**	**6.1**	**6.4**	6.5 - 8.5

ABBREVIATIONS:
ug/L: Micrograms per liter

QUALIFIERS:
B: Analyte detected greater than IDL, but less than CRDL.
U: Compound analyzed for but not detected.
E:

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF SYSTEM MIDFLUENT ANALYSIS - VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID	AS-MID	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES (ug/L)
SAMPLE TYPE	WATER	
DATE OF COLLECTION	6/19/2008	
COLLECTED BY	D&B	
UNITS	(ug/L)	
VOCs		
Dichlorodifluoromethane	U	5 GV
Chloromethane	U	--
Vinyl chloride	U	2 ST
Bromomethane	U	5 ST
Chloroethane	U	5 ST
Trichlorofluoromethane	U	5 ST
1,1-Dichloroethene	U	5 ST
Acetone	U	50 GV
Iodomethane	U	--
Carbon disulfide	U	60 GV
Methylene chloride	U	5 ST
trans 1,2-Dichloroethene	U	5 ST
Methyl-tert butyl ether	U	10 GV
1,1-Dichloroethane	U	5 ST
Vinyl acetate	U	--
2-Butanone	U	50 GV
cis-1,2-Dichloroethene	U	5 ST
2,2-Dichloropropane	U	5 ST
Bromochloromethane	U	5 ST
Chloroform	U	7 ST
1,1,1-Trichloroethane	U	5 ST
1,1-Dichloropropene	U	5 ST
Carbon tetrachloride	U	5 ST
1,2-Dichloroethane	U	0.6 ST
Benzene	U	1 ST
Trichloroethene	U	5 ST
1,2-Dichloropropane	U	1 ST
Bromodichloromethane	U	5 ST
cis-1,3-Dichloropropene	U	0.4 ST
4-Methyl-2-pentanone	U	--
Toluene	U	5 ST
trans-1,3-Dichloropropene	U	0.4 ST
1,1,2-Trichloroethane	U	1 ST
1,3-Dichloropropane	U	5 ST
Tetrachloroethene	U	5 ST
2-Hexanone	U	50 GV
Dibromochloromethane	U	50 GV
1,2-Dibromoethane	U	5 ST
Chlorobenzene	U	5 ST
1,1,1,2-Tetrachloroethane	U	5 ST
Ethylbenzene	U	5 ST
Xylene (total)	U	5 ST
Styrene	U	5 ST
Bromoform	U	50 GV
Isopropylbenzene	U	5 ST
1,1,2,2-Tetrachloroethane	U	5 ST
Bromobenzene	U	5 ST
1,2,3-Trichloropropane	U	0.04 ST
n-Propylbenzene	U	5 ST
2-Chlorotoluene	U	5 ST
1,3,5-Trimethylbenzene	U	5 ST
4-Chlorotoluene	U	5 ST
tert-Butylbenzene	U	5 ST
1,2,4-Trimethylbenzene	U	5 ST
sec-Butylbenzene	U	5 ST
4-Isopropyltoluene	U	5 ST
1,3-Dichlorobenzene	U	3 ST
1,4-Dichlorobenzene	U	3 ST
n-Butylbenzene	U	5 ST
1,2-Dichlorobenzene	U	3 ST
1,2-Dibromo-3-chloropropane	U	0.04 ST
1,2,4-Trichlorobenzene	U	5 ST
Hexachlorobutadiene	U	0.5 ST
Naphthalene	U	10 GV
1,2,3-Trichlorobenzene	U	5 ST
Total VOCs	U	

NOTES:

Concentration exceeds NYSDEC Class GA Groundwater Standards or Guidance Values

ABBREVIATIONS:

ug/L = Micrograms per liter
--: Not established
ST: Standard Value
GV: Guidance Value

QUALIFIERS:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated
U*: Result qualified as non-detect based on validation criteria.

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF SYSTEM EFFLUENT ANALYSIS - VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID	COMB EFF	COMB EFF	COMB EFF	NYSDEC Site Specific Effluent Limitation
SAMPLE TYPE	WATER	WATER	WATER	
DATE OF COLLECTION	4/21/2008	5/14/2008	6/19/2008	
COLLECTED BY	D&B	D&B	D&B	
UNITS	(ug/L)	(ug/L)	(ug/L)	
VOCs				(ug/L)
Dichlorodifluoromethane	U	U	U	NL
Chloromethane	U	U	U	NL
Vinyl chloride	U	U	U	10
Bromomethane	U	U	U	NL
Chloroethane	U	U	U	NL
Trichlorofluoromethane	U	U	U	NL
1,1-Dichloroethene	U	U	U	NL
Acetone	U	U	U	NL
Iodomethane	U	U	U	NL
Carbon disulfide	U	U	U	NL
Methylene chloride	U	U	U	NL
trans 1,2-Dichloroethene	U	U	U	10*
Methyl-tert butyl ether	U	U	U	NL
1,1-Dichloroethane	U	U	U	NL
Vinyl acetate	U	U	U	NL
2-Butanone	U	U	U	NL
cis-1,2-Dichloroethene	U	U	U	10*
2,2-Dichloropropane	U	U	U	NL
Bromochloromethane	U	U	U	NL
Chloroform	U	U	U	NL
1,1,1-Trichloroethane	U	U	U	5
1,1-Dichloropropene	U	U	U	NL
Carbon tetrachloride	U	U	U	NL
1,2-Dichloroethane	U	U	U	NL
Benzene	U	U	U	NL
Trichloroethene	U	U	U	10
1,2-Dichloropropane	U	U	U	NL
Bromodichloromethane	U	U	U	NL
cis-1,3-Dichloropropene	U	U	U	NL
4-Methyl-2-pentanone	U	U	U	NL
Toluene	U	U	U	NL
trans-1,3-Dichloropropene	U	U	U	NL
1,1,2-Trichloroethane	U	U	U	NL
1,3-Dichloropropane	U	U	U	NL
Tetrachloroethene	U	U	U	4
2-Hexanone	U	U	U	NL
Dibromochloromethane	U	U	U	NL
1,2-Dibromoethane	U	U	U	NL
Chlorobenzene	U	U	U	NL
1,1,1,2-Tetrachloroethane	U	U	U	NL
Ethylbenzene	U	U	U	NL
Xylene (total)	U	U	U	5**
Styrene	U	U	U	NL
Bromoform	U	U	U	NL
Isopropylbenzene	U	U	U	NL
1,1,2,2-Tetrachloroethane	U	U	U	NL
Bromobenzene	U	U	U	NL
1,2,3-Trichloropropane	U	U	U	NL
n-Propylbenzene	U	U	U	NL
2-Chlorotoluene	U	U	U	NL
1,3,5-Trimethylbenzene	U	U	U	NL
4-Chlorotoluene	U	U	U	NL
tert-Butylbenzene	U	U	U	NL
1,2,4-Trimethylbenzene	U	U	U	NL
sec-Butylbenzene	U	U	U	NL
4-Isopropyltoluene	U	U	U	NL
1,3-Dichlorobenzene	U	U	U	NL
1,4-Dichlorobenzene	U	U	U	NL
n-Butylbenzene	U	U	U	NL
1,2-Dichlorobenzene	U	U	U	NL
1,2-Dibromo-3-chloropropane	U	U	U	NL
1,2,4-Trichlorobenzene	U	U	U	NL
Hexachlorobutadiene	U	U	U	NL
Naphthalene	U	U	U	NL
1,2,3-Trichlorobenzene	U	U	U	NL
Total VOCs	U	U	U	

NOTES:

Concentration exceeds NYSDEC Site Specific Effluent Limitation

* - Effluent limitation for 1,2 Dichloroethene (Total)

** - Effluent limit for xylene-o= 5 ug/l, xylene -m&p = 10 ug/l

ABBREVIATIONS

ug/L = Micrograms per liter

NL - No limit specified

QUALIFIERS:

U: Compound analyzed for but not detected

U*: Result qualified as non-detect based on validation criteria.

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF SYSTEM EFFLUENT ANALYSIS - INORGANIC COMPOUNDS AND GENERAL CHEMISTRY

SAMPLE ID	COMB EFF	NYSDEC Site Specific Effluent Limitation
SAMPLE TYPE	WATER	
DATE OF COLLECTION	6/19/2008	
COLLECTED BY	D&B	
UNITS	(ug/L)	
INORGANIC COMPOUNDS		(ug/L)
Aluminum	U	4,000
Antimony	U	NL
Arsenic	U	140
Barium	12.7 B	NL
Beryllium	U	NL
Cadmium	U	30
Calcium	22,600	NL
Chromium	0.54 B	NL
Cobalt	0.3 B	NL
Copper	5.1 B	38
Iron	28.9 B	4,000
Lead	U	NL
Magnesium	3,830 B	NL
Manganese	37.2	2,000
Mercury	U	NL
Nickel	0.94 B	65
Potassium	2,710 B	NL
Selenium	U	NL
Silver	U	9
Sodium	27,300	NL
Thallium	U	NL
Vanadium	U	NL
Zinc	12.3 B	370
GENERAL CHEMISTRY		
pH (S.U.)	7.6	6 - 9

ABBREVIATIONS:
ug/L: Micrograms per liter
NL : No limit specified
NS: Not sampled

QUALIFIERS:
B: Concentration above IDL but less than CRDL.
U: Compound analyzed for but not detected.
E: Compound concentration exceeds instrument calibration range, value estimated

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF SYSTEM EFFLUENT ANALYSIS - SEMI-ANNUAL PARAMETERS

SAMPLE ID	COMB EFF	NYSDEC Site Specific Effluent Limitation
SAMPLE TYPE	WATER	
DATE OF COLLECTION	6/19/2008	
COLLECTED BY	D&B	
WET CHEMISTRY		
Alkalinity, Total (mg/L $CaCO_3$)	48	NL
Total Dissolved Solids (mg/L)	190	Monitor
Total Suspended Solids (mg/L)	ND	20
pH (S.U.)	7.6	6 - 9
Chemical Oxygen Demand (mg/L)	ND	NL
FIELD TESTS		
pH (S.U.)	6.68	6 - 9
Temperature (°C)	16.7	NL
Turbidity (NTU)	0.0	NL
Conductivity (uS)	0.276	NL
Dissolved Oxygen (mg/L)	9.46	NL
Total Chlorine (mg/L)	0.0	NL

ABBREVIATIONS:

ug/L: Micrograms per liter
mg/L: Milligrams per liter
uS: Microsemens
S.U.: Standard Units
NTU: Nephelometric Turbidity Units
NL - No limit specified
ND - Not detected

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF ANALYSIS OF VAPOR PHASE CARBON VESSEL (VPCV) INFLUENT - VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID	VPCV-INF	VPCV-INF	VPCV-INF
SAMPLE TYPE	AIR	AIR	AIR
DATE OF COLLECTION	4/21/2008	5/14/2008	6/19/2008
COLLECTED BY	D&B	D&B	D&B
UNITS	(ug/m^3)	(ug/m^3)	(ug/m^3)
VOCs			
1,1,1-Trichloroethane	U	U	U
1,1,2,2-Tetrachloroethane	U	U	U
1,1,2-Trichloroethane	U	U	U
1,1-Dichloroethane	U	U	U
1,1-Dichloroethene	U	U	U
1,2,4-Trichlorobenzene	U	U	U
1,2,4-Trimethylbenzene	U	U	U
1,2-Dibromoethane	U	U	U
1,2-Dichlorobenzene	U	U	U
1,2-Dichloroethane	U	U	U
1,2-Dichloropropane	U	U	U
1,3,5-Trimethylbenzene	U	U	U
1,3-Butadiene	U	U	U
1,3-Dichlorobenzene	U	U	U
1,4-Dichlorobenzene	U	U	U
1,4-Dioxane	U	U	U
2,2,4-Trimethylpentane	U	U	U
4-Ethyltoluene	U	U	U
Acetone	700 D	8.5 J	9.6 J
Allyl chloride	U	U	U
Benzene	U	U	U
Benzyl chloride	U	U	U
Bromodichloromethane	U	U	U
Bromoform	U	U	U
Bromomethane	U	U	U
Carbon dissulfide	U	U	U
Carbon tetrachloride	U	U	U
Chlorobenzene	U	U	U
Chloroethane	U	U	U
Chloroform	U	U	U
Chloromethane	U	U	U
cis-1,2-Dichloroethene	120	66	150
cis-1,3-Dichloropropene	U	U	U
Cyclohexane	U	U	U
Dibromochloromethane	U	U	U
Ethyl acetate	7.9 J	U	U
Ethylbenzene	U	U	13 J
Freon 11	U	U	U
Freon 113	U	U	U
Freon 114	U	U	U
Freon 12	U	U	U
Heptane	U	U	U
Hexachloro-1,3-butadiene	U	U	U
Hexane	U	U	U
Isopropyl alcohol	U	U	U
m&p-Xylene	U	12 J	68 U
Methyl Butyl Ketone	U	U	U
Methyl Ethyl Ketone	U	U	U
Methyl Isobutyl Ketone	U	U	U
Methyl tert-butyl ether	13 J	U	U
Methylene chloride	8.4 J	U	3.6 J
o-Xylene	U	5.4 J	23
Propylene	U	U	U
Styrene	U	U	U
Tetrachloroethylene	650	290	410
Tetrahydrofuran	U	U	U
Toluene	7.5 J	4 J	U
trans-1,2-Dichloroethene	U	U	U
trans-1,3-Dichloropropene	U	U	U
Trichloroethene	110	71	130
Vinyl acetate	U	U	U
Vinyl bromide	U	U	U
Vinyl chloride	U	U	U
Total VOCs	1,617	457	807

NOTES:

ABBREVIATIONS:

ug/m^3 - Micrograms per cubic meter

QUALIFIERS:

U: Compound analyzed for but not detected.
D: Result taken from reanalysis at a secondary dilution
J: Analyte detected at or below quantitation limits
E: Compound exceeded calibration range; value estimated

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF ANALYSIS OF VAPOR PHASE CARBON VESSEL (VPCV) MIDFLUENT - VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID	VPCV-MID	VPCV-MID	VPCV-MID
SAMPLE TYPE	AIR	AIR	AIR
DATE OF COLLECTION	4/21/2008	5/14/2008	6/19/2008
COLLECTED BY	D&B	D&B	D&B
UNITS	(ug/m^3)	(ug/m^3)	(ug/m^3)
VOCs			
1,1,1-Trichloroethane	U	U	U
1,1,2,2-Tetrachloroethane	U	U	U
1,1,2-Trichloroethane	U	U	U
1,1-Dichloroethane	U	U	U
1,1-Dichloroethene	U	U	U
1,2,4-Trichlorobenzene	U	U	U
1,2,4-Trimethylbenzene	U	U	45
1,2-Dibromoethane	U	U	U
1,2-Dichlorobenzene	U	U	U
1,2-Dichloroethane	U	U	U
1,2-Dichloropropane	6.7 J	U	U
1,3,5-Trimethylbenzene	5.2 J	U	12 J
1,3-Butadiene	U	U	U
1,3-Dichlorobenzene	U	U	U
1,4-Dichlorobenzene	U	U	25 J
1,4-Dioxane	U	U	U
2,2,4-Trimethylpentane	U	U	U
4-Ethyltoluene	U	U	10 J
Acetone	150	8.5 J	100 U
Allyl chloride	U	U	U
Benzene	3.5 J	U	4.0 J
Benzyl chloride	U	U	U
Bromodichloromethane	U	U	U
Bromoform	U	U	U
Bromomethane	U	U	U
Carbon dissulfide	4.2 J	U	5.5 J
Carbon tetrachloride	U	U	U
Chlorobenzene	U	U	U
Chloroethane	U	U	U
Chloroform	U	U	U
Chloromethane	U	U	U
cis-1,2-Dichloroethene	110	130	110
cis-1,3-Dichloropropene	U	U	U
Cyclohexane	21	U	U
Dibromochloromethane	U	U	U
Ethyl acetate	29 J	11	150
Ethylbenzene	8.9 J	U	34
Freon 11	U	7.7 J	U
Freon 113	U	U	U
Freon 114	U	U	U
Freon 12	U	U	U
Heptane	5.0 J	U	U
Hexachloro-1,3-butadiene	U	U	U
Hexane	7.1 J	U	U
Isopropyl alcohol	U	U	36
m&p-Xylene	26 J	U	99
Methyl Butyl Ketone	U	U	U
Methyl Ethyl Ketone	28 J	28 J	170
Methyl Isobutyl Ketone	U	U	53
Methyl tert-butyl ether	U	U	U
Methylene chloride	8.1 J	4.7 J	U
o-Xylene	9.8 J	U	28
Propylene	U	U	U
Styrene	U	U	29
Tetrachloroethylene	12 J	U	U
Tetrahydrofuran	U	U	13 J
Toluene	130	27	84 U
trans-1,2-Dichloroethene	U	U	U
trans-1,3-Dichloropropene	U	U	U
Trichloroethene	9.2 J	10 J	U
Vinyl acetate	U	U	U
Vinyl bromide	U	U	U
Vinyl chloride	U	U	U
Total VOCs	574	227	1,008

NOTES:
1 - Sample analyzed at a dliution of 1:20

ABBREVIATIONS:
ug/m^3 - Micrograms per cubic meter

QUALIFIERS:
U: Compound analyzed for but not detected.
D: Result taken from reanalysis at a secondary dilution
J: Analyte detected at or below quantitation limits
E: Compound exceeded calibration range; value estimated

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF ANALYSIS OF VAPOR PHASE CARBON VESSEL (VPCV) EFFLUENT - VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID	VPCV-EFF	VPCV-EFF	VPCV-EFF
SAMPLE TYPE	AIR	AIR	AIR
DATE OF COLLECTION	4/21/2008	5/14/2008	6/19/2008
COLLECTED BY	D&B	D&B	D&B
UNITS	(ug/m^3)	(ug/m^3)	(ug/m^3)
VOCs			
1,1,1-Trichloroethane	U	U	U
1,1,2,2-Tetrachloroethane	U	U	U
1,1,2-Trichloroethane	U	U	U
1,1-Dichloroethane	U	U	U
1,1-Dichloroethene	U	U	U
1,2,4-Trichlorobenzene	U	U	U
1,2,4-Trimethylbenzene	6.2 J	U	37
1,2-Dibromoethane	U	U	U
1,2-Dichlorobenzene	U	U	U
1,2-Dichloroethane	U	U	U
1,2-Dichloropropane	U	U	U
1,3,5-Trimethylbenzene	U	U	12 J
1,3-Butadiene	U	U	U
1,3-Dichlorobenzene	U	U	U
1,4-Dichlorobenzene	U	U	15 J
1,4-Dioxane	U	U	U
2,2,4-Trimethylpentane	U	U	U
4-Ethyltoluene	5.5 J	U	8.7 J
Acetone	120	12 J	120
Allyl chloride	U	U	U
Benzene	4.7 J	U	5.1 J
Benzyl chloride	U	U	U
Bromodichloromethane	U	U	U
Bromoform	U	U	U
Bromomethane	U	U	U
Carbon dissulfide	5.2 J	U	4.5 J
Carbon tetrachloride	U	U	U
Chlorobenzene	U	U	U
Chloroethane	U	U	U
Chloroform	U	U	U
Chloromethane	92	U	U
cis-1,2-Dichloroethene	280	180	140
cis-1,3-Dichloropropene	U	U	U
Cyclohexane	U	6.5 J	U
Dibromochloromethane	U	U	U
Ethyl acetate	U	U	160
Ethylbenzene	140	U	35
Freon 11	U	U	U
Freon 113	U	U	U
Freon 114	U	U	U
Freon 12	U	U	U
Heptane	U	5.2 J	U
Hexachloro-1,3-butadiene	U	U	U
Hexane	U	U	U
Isopropyl alcohol	U	U	48
m&p-Xylene	440	U	100
Methyl Butyl Ketone	U	U	U
Methyl Ethyl Ketone	19 J	U	190
Methyl Isobutyl Ketone	U	U	62
Methyl tert-butyl ether	U	U	U
Methylene chloride	5.6 J	U	3.6 J
o-Xylene	170	U	29
Propylene	U	U	U
Styrene	U	U	25
Tetrachloroethylene	93	U	33 J
Tetrahydrofuran	U	U	16
Toluene	17 J	14 J	90
trans-1,2-Dichloroethene	U	U	U
trans-1,3-Dichloropropene	U	U	U
Trichloroethene	10 J	U	U
Vinyl acetate	U	U	U
Vinyl bromide	U	U	U
Vinyl chloride	U	U	U
Total VOCs	1,408	218	1,134

NOTES:
1 - Sample analyzed at a dliution of 1:20

ABBREVIATIONS:
ug/m^3 - Micrograms per cubic meter

QUALIFIERS:
U: Compound analyzed for but not detected.
D: Result taken from reanalysis at a secondary dilution
J: Analyte detected at or below quantitation limits
E: Compound exceeded calibration range; value estimated

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
SUMMARY OF VAPOR EMISSION RATES

Vapor Phase Carbon Vessel Effluent (VPCV-EFF) Sample Collection Date: 4/21/08

Compound Detected [1]	Concentration (ug/m^3)	Flow Rate (ft^3/min)	Emission Rate (lbs/hr)	NYSDEC Required Effluent Limits (lbs/hr)	Percentage of NYSDEC Permitted Effluent Limits Detected
1,2,4-Trimethylbenzene	6.2	1,104	2.6E-05	NL	--
4-Ethyltoluene	5.5	1,104	2.3E-05	NL	--
Acetone	120	1,104	5.0E-04	NL	--
Benzene	4.7	1,104	1.9E-05	NL	--
Carbon dissulfide	5.2	1,104	2.2E-05	NL	--
Chloromethane	92	1,104	3.8E-04	NL	--
cis-1,2-Dichloroethene	280	1,104	1.2E-03	3.0E-03	38.6%
Ethylbenzene	140	1,104	5.8E-04	NL	--
Xylenes (total)	610	1,104	**2.5E-03**	1.0E-03	252.5%
Methyl Ethyl Ketone	19	1,104	7.9E-05	NL	--
Methylene chloride	5.6	1,104	2.3E-05	NL	--
Tetrachloroethylene	93	1,104	3.8E-04	7.0E-03	5.5%
Toluene	17	1,104	7.0E-05	NL	--
Trichloroethene	10	1,104	4.1E-05	6.0E-03	0.7%
Total VOCs	1,408.2	1,104	5.8E-03	5.0E-01	1.2%

Vapor Phase Carbon Vessel Effluent (VPCV-EFF) Sample Collection Date: 5/14/08

Compound Detected [1]	Concentration (ug/m^3)	Flow Rate (ft^3/min)	Emission Rate (lbs/hr)	NYSDEC Required Effluent Limits (lbs/hr)	Percentage of NYSDEC Permitted Effluent Limits Detected
Acetone	12	1,157	5.2E-05	NL	--
cis-1,2-Dichloroethene	180	1,157	7.8E-04	3.0E-03	26.0%
Cyclohexane	6.5	1,157	2.8E-05	NL	--
Heptane	5.2	1,157	2.3E-05	NL	--
Toluene	14	1,157	6.1E-05	NL	--
Total VOCs	217.7	1,157	9.5E-04	5.0E-01	0.2%

Vapor Phase Carbon Vessel Effluent (VPCV-EFF) Sample Collection Date: 6/19/08

Compound Detected [1]	Concentration (ug/m^3)	Flow Rate (ft^3/min)	Emission Rate (lbs/hr)	NYSDEC Required Effluent Limits (lbs/hr)	Percentage of NYSDEC Permitted Effluent Limits Detected
1,2,4-Trimethylbenzene	37	1,150	1.6E-04	NL	--
1,3,5-Trimethylbenzene	12	1,150	5.2E-05	NL	--
1,4-Dichlorobenzene	15	1,150	6.5E-05	NL	--
4-Ethyltoluene	8.7	1,150	3.8E-05	NL	--
Acetone	120	1,150	5.2E-04	NL	--
Benzene	5.1	1,150	2.2E-05	NL	--
Carbon dissulfide	4.5	1,150	1.9E-05	NL	--
cis-1,2-Dichloroethene	140	1,150	6.0E-04	3.0E-03	20.1%
Ethyl acetate	160	1,150	6.9E-04	NL	--
Ethylbenzene	35	1,150	1.5E-04	NL	--
Isopropyl alcohol	48	1,150	2.1E-04	NL	--
Xylenes (total)	129	1,150	5.6E-04	1.0E-03	55.6%
Methyl Ethyl Ketone	190	1,150	8.2E-04	NL	--
Methyl Isobutyl Ketone	62	1,150	2.7E-04	NL	--
Methylene chloride	3.6	1,150	1.6E-05	NL	--
Styrene	25	1,150	1.1E-04	NL	--
Tetrachloroethylene	33	1,150	1.4E-04	7.0E-03	2.0%
Tetrahydrofuran	16	1,150	6.9E-05	NL	--
Toluene	90	1,150	3.9E-04	NL	--
Total VOCs	1,134	1,150	4.9E-03	5.0E-01	1.0%

NOTES:

1. Only detected compounds are listed. All other VOCs were undetected during this sampling event.

Concentration exceeds NYSDEC permitted effluent limits

ABBREVIATIONS:

NL - No limit specified in permit application
ug/m^3 - Micrograms per cubic meter
ft^3/min - Cubic feet per minute
lbs/hr - Pounds per hour

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF ANALYSIS OF GROUNDWATER SAMPLING - VOLATILE ORGANIC COMPOUNDS (VOCS)

SAMPLE ID	MW-101	MW-102	MW-103	MW-104(1)	MW-105	MW-106(1)	MW-107	MW-108	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES (ug/L)
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
DATE OF COLLECTION	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008	
COLLECTED BY	D&B	D&B	D&B	D&B	D&B	D&B	D&B	D&B	
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
VOCs									
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	5 GV
Chloromethane	U	U	U	U	U	U	U	U	--
Vinyl chloride	U	U	U	U	U	35	1.8 J	U	2 ST
Bromomethane	U	U	U	U	U	U	U	U	5 ST
Chloroethane	U	U	U	U	U	U	U	U	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	U	5 ST
1,1-Dichloroethene	U	U	U	U	U	U	U	U	5 ST
Acetone	U	U	U	U	U	U	U	U	50 GV
Iodomethane	U	U	U	U	U	U	U	U	--
Carbon disulfide	U	U	U	U	U	U	U	U	60 GV
Methylene chloride	U	U	U	U	U	U	U	U	5 ST
trans 1,2-Dichloroethene	U	U	U	U	U	U	U	U	5 ST
Methyl-tert butyl ether	U	U	U	U	U	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	U	U	5 ST
Vinyl acetate	U	U	U	U	U	U	U	U	--
2-Butanone	U	U	U	U	U	U	U	U	50 GV
cis-1,2-Dichloroethene	U	U	U	U	U	570	4.2 J	U	5 ST
2,2-Dichloropropane	U	U	U	U	U	U	U	U	5 ST
Bromochloromethane	U	U	U	U	U	U	U	U	5 ST
Chloroform	U	U	U	U	U	U	U	U	7 ST
1,1,1-Trichloroethane	U	U	U	U	U	U	U	U	5 ST
1,1-Dichloropropene	U	U	U	U	U	U	U	U	5 ST
Carbon tetrachloride	U	U	U	U	U	U	U	U	5 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	U	0.6 ST
Benzene	U	U	U	U	U	U	U	U	1 ST
Trichloroethene	1.2 J	1.1 J	2.9 J	23 J	4.2 J	130	4.0 J	U	5 ST
1,2-Dichloropropane	U	U	U	U	U	U	U	U	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	U	5 ST
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	0.4 ST
4-Methyl-2-pentanone	U	U	U	U	U	U	U	U	--
Toluene	U	U	U	U	U	U	U	U	5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	0.4 ST
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	1 ST
1,3-Dichloropropane	U	U	U	U	U	U	U	U	5 ST
Tetrachloroethene	1.1 J	3.2 J	20	490	33	190	28	2.0 J	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	U	U	5 ST
Chlorobenzene	U	U	U	U	U	U	U	U	5 ST
1,1,1,2-Tetrachloroethane	U	U	U	U	U	U	U	U	5 ST
Ethylbenzene	U	U	U	U	U	U	U	U	5 ST
Xylene (total)	U	U	U	U	U	U	U	U	5 ST
Styrene	U	U	U	U	U	U	U	U	5 ST
Bromoform	U	U	U	U	U	U	U	U	50 GV
Isopropylbenzene	U	U	U	U	U	U	1.2 J	U	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	5 ST
Bromobenzene	U	U	U	U	U	U	U	U	5 ST
1,2,3-Trichloropropane	U	U	U	U	U	U	U	U	0.04 ST
n-Propylbenzene	U	U	U	U	U	U	U	U	5 ST
2-Chlorotoluene	U	U	U	U	U	U	U	U	5 ST
1,3,5-Trimethylbenzene	U	U	U	U	U	U	U	U	5 ST
4-Chlorotoluene	U	U	U	U	U	U	U	U	5 ST
tert-Butylbenzene	U	U	U	U	U	U	U	U	5 ST
1,2,4-Trimethylbenzene	U	U	U	U	U	U	U	U	5 ST
sec-Butylbenzene	U	U	U	U	U	U	1.0 J	U	5 ST
4-Isopropyltoluene	U	U	U	U	U	U	U	U	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	3 ST
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	3 ST
n-Butylbenzene	U	U	U	U	U	U	U	U	5 ST
1,2-Dichlorobenzene	U	U	U	U	U	U	1.5 J	U	3 ST
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U	U	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	5 ST
Hexachlorobutadiene	U	U	U	U	U	U	U	U	0.5 ST
Naphthalene	U	U	U	U	U	U	U	U	10 GV
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U	U	5 ST
Total VOCs	2.3	4.3	22.9	513	37.2	925	41.7	2	
GENERAL CHEMISTRY									
pH (S.U.)	7.2	6.8	6.9	6.9	6.8	6.9	7.0	6.7	6 - 9

NOTES:

[ ] Concentration exceeds NYSDEC Site Specific Effluent Limitation

(1) - Sample analyzed at a dilution of 5:1.

ABBREVIATIONS

ug/L = Micrograms per liter
--: Not established
ST: Standard Value
GV: Guidance Value

QUALIFIERS:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated
D: Result taken from reanalysis at a secondary dilution
U*: Result qualified as non-detect based on validation criteria.

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF ANALYSIS OF GROUNDWATER SAMPLING - VOLATILE ORGANIC COMPOUNDS (VOCS)

SAMPLE ID	MW-109	MW-110[2]	MW-111						NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES (ug/L)
SAMPLE TYPE	WATER	WATER	WATER						
DATE OF COLLECTION	6/25/2008	--	6/25/2008						
COLLECTED BY	D&B	D&B	D&B						
UNITS	(ug/L)	(ug/L)	(ug/L)						
VOCs									
Dichlorodifluoromethane	U		U						5 GV
Chloromethane	U		U						--
Vinyl chloride	U		U						2 ST
Bromomethane	U		U						5 ST
Chloroethane	U		U						5 ST
Trichlorofluoromethane	U		U						5 ST
1,1-Dichloroethene	U		U						5 ST
Acetone	U		U						50 GV
Iodomethane	U		U						--
Carbon disulfide	U		U						60 GV
Methylene chloride	U		U						5 ST
trans 1,2-Dichloroethene	U		U						5 ST
Methyl-tert butyl ether	U		U						10 GV
1,1-Dichloroethane	U		U						5 ST
Vinyl acetate	U		U						--
2-Butanone	U		U						50 GV
cis-1,2-Dichloroethene	1.6 J		U						5 ST
2,2-Dichloropropane	U		U						5 ST
Bromochloromethane	U		U						5 ST
Chloroform	U		U						7 ST
1,1,1-Trichloroethane	U		U						5 ST
1,1-Dichloropropene	U		U						5 ST
Carbon tetrachloride	U		U						5 ST
1,2-Dichloroethane	U		U						0.6 ST
Benzene	U		U						1 ST
Trichloroethene	1.1 J		U						5 ST
1,2-Dichloropropane	U		U						1 ST
Bromodichloromethane	U		U						5 ST
cis-1,3-Dichloropropene	U		U						0.4 ST
4-Methyl-2-pentanone	U		U						--
Toluene	U		U						5 ST
trans-1,3-Dichloropropene	U		U						0.4 ST
1,1,2-Trichloroethane	U		U						1 ST
1,3-Dichloropropane	U		U						5 ST
Tetrachloroethene	1.9 J		U						5 ST
2-Hexanone	U		U						50 GV
Dibromochloromethane	U		U						50 GV
1,2-Dibromoethane	U		U						5 ST
Chlorobenzene	U		U						5 ST
1,1,1,2-Tetrachloroethane	U		U						5 ST
Ethylbenzene	U		U						5 ST
Xylene (total)	U		U						5 ST
Styrene	U		U						5 ST
Bromoform	U		U						50 GV
Isopropylbenzene	U		U						5 ST
1,1,2,2-Tetrachloroethane	U		U						5 ST
Bromobenzene	U		U						5 ST
1,2,3-Trichloropropane	U		U						0.04 ST
n-Propylbenzene	U		U						5 ST
2-Chlorotoluene	U		U						5 ST
1,3,5-Trimethylbenzene	U		U						5 ST
4-Chlorotoluene	U		U						5 ST
tert-Butylbenzene	U		U						5 ST
1,2,4-Trimethylbenzene	U		U						5 ST
sec-Butylbenzene	U		U						5 ST
4-Isopropyltoluene	U		U						5 ST
1,3-Dichlorobenzene	U		U						3 ST
1,4-Dichlorobenzene	U		U						3 ST
n-Butylbenzene	U		U						5 ST
1,2-Dichlorobenzene	U		U						3 ST
1,2-Dibromo-3-chloropropane	U		U						0.04 ST
1,2,4-Trichlorobenzene	U		U						5 ST
Hexachlorobutadiene	U		U						0.5 ST
Naphthalene	U		U						10 GV
1,2,3-Trichlorobenzene	U		U						5 ST
Total VOCs	5		0						
GENERAL CHEMISTRY									
pH (S.U.)	6.4		6.3						6 - 9

NOTES:

[ ] Concentration exceeds NYSDEC Class GA Groundwater Standard or Guidance Value

(2) - Monitoring well MW-110 was not sampled since it could not be located and has reportedly been paved over by the local municipality.

ABBREVIATIONS

ug/L = Micrograms per liter
--: Not established
ST: Standard Value
GV: Guidance Value

QUALIFIERS:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated
D: Result taken from reanalysis at a secondary dilution
U*: Result qualified as non-detect based on validation criteria.

ATTACHMENT E

PERFORMANCE SUMMARY

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
EXTRACTION AND TREATMENT SYSTEM PERFORMANCE RESULTS - AQUEOUS

SAMPLE COLLECTION DATE	SYSTEM INFLUENT AVERAGE EXTRACTION RATE (gpm)	SYSTEM INFLUENT TOTAL VOC CONCENTRATION (ug/L)	SYSTEM EFFLUENT TOTAL VOC CONCENTRATION (ug/L)	TOTAL VOC REMOVAL EFFICIENCY (%)	ESTIMATED AVERAGE TOTAL VOC REMOVAL RATE (lb/hr)	ESTIMATED SYSTEM RUNTIME (hr)	CUMULATIVE TOTAL VOC REMOVAL (lbs)
--	--	--	--	--	--	--	784.00 (1)
2/23/2005	84.60 (RW-1) 0.00 (RW-2)	484	< 5.0	98.97%	2.05E-02	172	787.53
3/21/2005	83.90 (RW-1) 0.00 (RW-2)	303	< 5.0	98.35%	1.27E-02	838	798.19 (2)
4/19/2005	79.80 (RW-1) 0.00 (RW-2)	562	3 J	99.47%	2.24E-02	444	808.15
5/16/2005	77.67 (RW-1) 0.00 (RW-2)	636	< 5.0	99.21%	2.47E-02	644	824.08
6/20/2005	75.85 (RW-1) 0.00 (RW-2)	693	< 5.0	99.28%	2.63E-02	1083	852.56 (2)
7/25/05 (3)	69.61 (RW-1) 82.32 (RW-2)	378	< 5.0	98.68%	2.87E-02	576 (RW-1) 464 (RW-2)	867.36
8/30/05 (3)	70.25 (RW-1) 83.00 (RW-2)	277	< 5.0	98.19%	2.12E-02	599 (RW-1) 599 (RW-2)	880.08
9/30/05 (3)	68.70 (RW-1) 82.50 (RW-2)	535	< 5.0	99.07%	4.05E-02	755 (RW-1) 460 (RW-2)	904.13 (2)
10/24/2005	67.10 (RW-1) 82.70 (RW-2)	397	< 5.0	98.74%	2.97E-02	559 (RW-1) 559 (RW-2)	920.76
11/21/2005	63.83 (RW-1) 81.58 (RW-2)	464	< 5.0	98.92%	3.37E-02	669 (RW-1) 669 (RW-2)	943.35
12/19/2005	63.82 (RW-1) 80.60 (RW-2)	244	< 5.0	97.95%	1.76E-02	969 (RW-1) 969 (RW-2)	960.44 (2)
1/24/2006	63.00 (RW-1) 78.85 (RW-2)	258	< 5.0	98.06%	1.83E-02	566 (RW-1) 566 (RW-2)	970.79
2/24/2006	67.00 (RW-1) 79.00 (RW-2)	390	< 5.0	98.72%	2.85E-02	673 (RW-1) 442 (RW-2)	989.97
3/22/2006	66.55 (RW-1) 0.00 (RW-2)	540	< 5.0	99.07%	1.80E-02	848 (RW-1) 0 (RW-2)	1,005.21 (2)
4/14/2006	65.46 (RW-1) 0.00 (RW-2)	560	< 5.0	99.11%	1.83E-02	395 (RW-1) 0 (RW-2)	1,012.46
5/23/2006	64.27 (RW-1) 0.00 (RW-2)	223	< 5.0	97.76%	7.17E-03	423 (RW-1) 0 (RW-2)	1,015.49
6/22/2006	64.76 (RW-1) 0.00 (RW-2)	567	< 5.0	99.12%	1.84E-02	918 (RW-1) 0 (RW-2)	1,032.35 (2)
7/20/2006	65.32 (RW-1) 0.00 (RW-2)	550	< 5.0	99.09%	1.80E-02	473 (RW-1) 0 (RW-2)	1,040.86
8/17/2006	63.60 (RW-1) 91.30 (RW-2)	258	< 5.0	98.06%	2.00E-02	719 (RW-1) 96 (RW-2)	1,055.23
9/19/2006	60.33 (RW-1) 90.31 (RW-2)	294	< 5.0	98.30%	2.22E-02	1016 (RW-1) 1016 (RW-2)	1,077.73 (2)
10/9/2006	59.18 (RW-1) 0.00 (RW-2)	666	< 5.0	99.25%	1.97E-02	209 (RW-1) 0 (RW-2)	1,081.85
11/1/2006	58.40 (RW-1) 0.00 (RW-2)	840	< 5.0	99.40%	2.45E-02	550 (RW-1) 0 (RW-2)	1,095.35
12/8/2006	56.70 (RW-1) 0.00 (RW-2)	474	< 5.0	98.95%	1.34E-02	1418 (RW-1) 0 (RW-2)	1,114.41 (2)
1/5/2007	54.22 (RW-1) 0.00 (RW-2)	405	< 5.0	98.77%	1.10E-02	85 (RW-1) 0 (RW-2)	1,115.35
2/26/2007	56.28 (RW-1) 0.00 (RW-2)	244	< 5.0	97.95%	6.87E-03	756 (RW-1) 0 (RW-2)	1,120.54
3/16/2007	52.37 (RW-1) 0.00 (RW-2)	281	< 5.0	98.22%	7.36E-03	505 (RW-1) 0 (RW-2)	1,124.26 (2)
6/15/2007	51.33 (RW-1) 0.00 (RW-2)	269 (5)	< 5.0	98.14%	6.91E-03	213 (RW-1) 0 (RW-2)	1,125.73 (2)
7/12/2007	52.26 (RW-1) 0.00 (RW-2)	257	< 5.0	98.05%	6.72E-03	266 (RW-1) 0 (RW-2)	1,127.52
8/10/2007	52.47 (RW-1) 0.00 (RW-2)	251	< 5.0	98.01%	6.59E-03	692 (RW-1) 0 (RW-2)	1,132.08
9/12/2007	51.57 (RW-1) 0.00 (RW-2)	295	< 5.0	98.31%	7.61E-03	1232 (RW-1) 0 (RW-2)	1,141.46 (2)
10/22/2007	50.10 (RW-1) 0.00 (RW-2)	247	< 5.0	97.98%	6.19E-03	504 (RW-1) 0 (RW-2)	1,144.58
11/13/2007	49.28 (RW-1) 0.00 (RW-2)	250	6.0	97.60%	6.16E-03	1019 (RW-1) 0 (RW-2)	1,150.85 (2)
1/28/2008	42.64 (RW-1) 0.00 (RW-2)	207	< 5.0	97.58%	4.42E-03	650 (RW-1) 0 (RW-2)	1,153.72
2/22/2008	44.75 (RW-1) 0.00 (RW-2)	241	< 5.0	97.93%	5.39E-03	473 (RW-1) 0 (RW-2)	1,156.28
3/14/2008	43.71 (RW-1) 0.00 (RW-2)	231	< 5.0	97.83%	5.05E-03	923 (RW-1) 0 (RW-2)	1,160.94 (2)
4/21/2008	40.16 (RW-1) 0.00 (RW-2)	209	< 5.0	97.60%	4.19E-03	480 (RW-1) 0 (RW-2)	1,162.95
5/14/2008	38.81 (RW-1) 0.00 (RW-2)	153	< 5.0	96.72%	2.96E-03	552 (RW-1) 0 (RW-2)	1,164.58
6/19/2008	40.21 (RW-1) 0.00 (RW-2)	205	< 5.0	97.56%	4.12E-03	1136 (RW-1) 0 (RW-2)	1,169.26 (2)

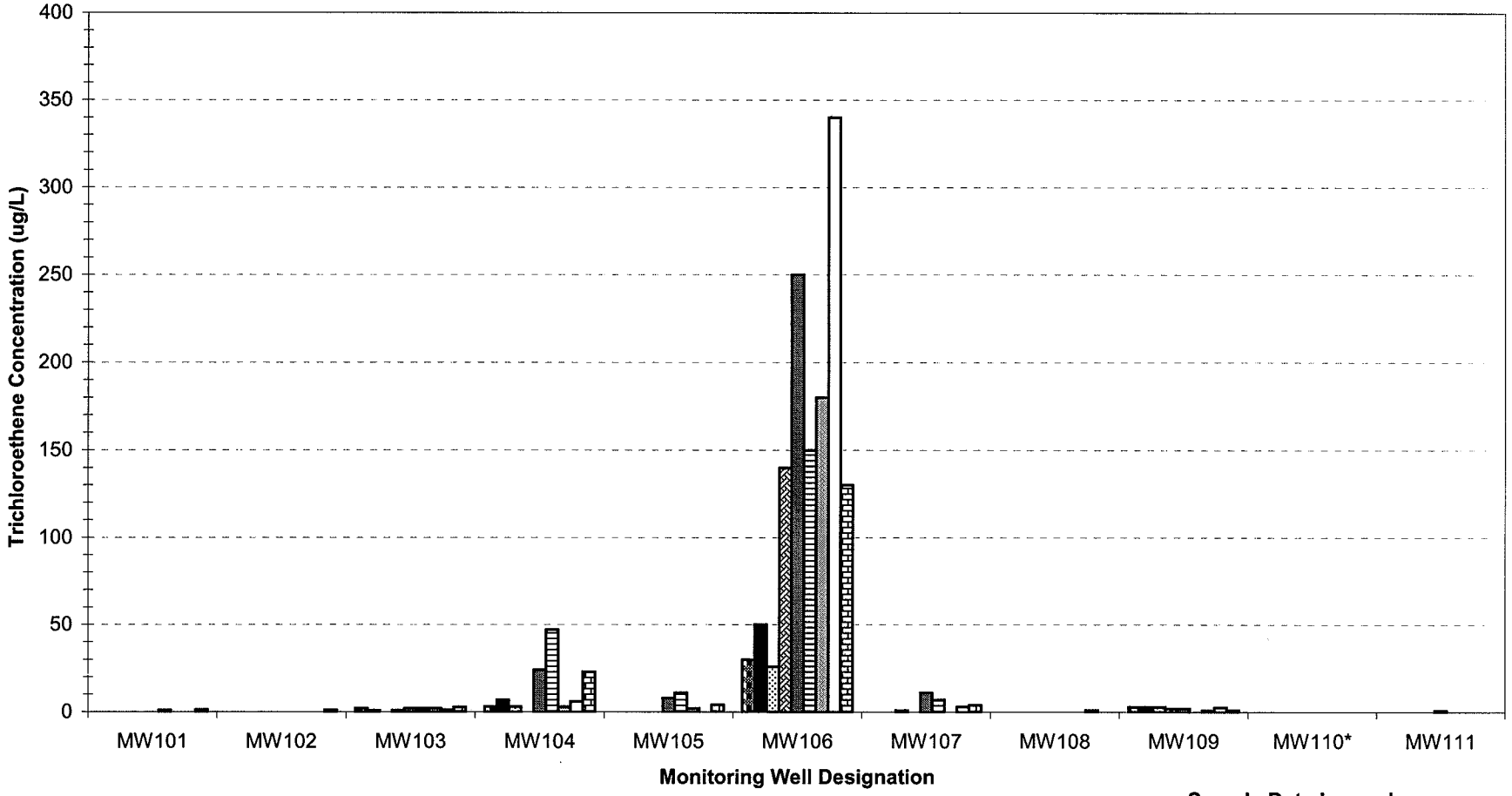
NOTES:
1. Total mass of VOC recovered through December 31, 2004 based on information contained in the Fourth Quarter 2004 Operation and Maintenance Report prepared by Blue Water Environmental Inc.
2. Estimated through the end of the reporting period.
3. Extraction well RW-2 restarted on 7/5/05 @16:20. Mass removal rates reflect operation of both extraction wells RW-1 and RW-2.
4. Performance results for the reporting period are shaded.
5. COMB-INF result approximated as average of 3/16/07 and 7/12/07 results due to laboratory reporting error.

ABBREVIATIONS
gpm: gallons per minute
ug/L: micrograms per liter
lb/hr: pounds per hour

ATTACHMENT F

MONITORING WELL TREND BAR GRAPHS

Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - Trichloroethene



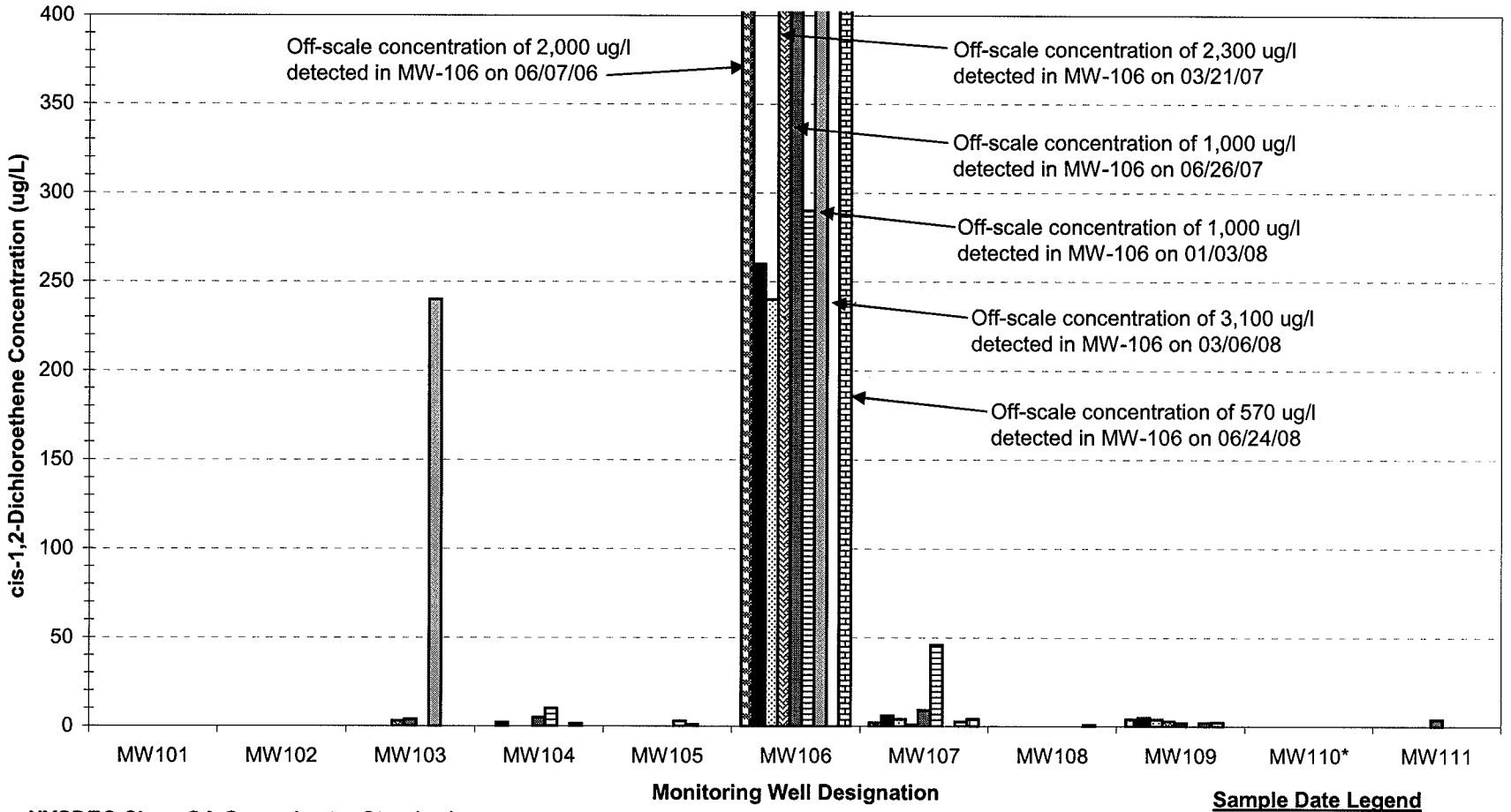
NYSDEC Class GA Groundwater Standard
Trichloroethene - 5 ug/l

* MW-110 was not sampled since it could not be located and has reportedly been paved over by the local municipality.

Sample Date Legend

6/7/2006	9/29/2006	12/22/2006
3/21/2007	6/26/2007	9/28/2007
1/3/2008	3/6/2008	6/24/2008

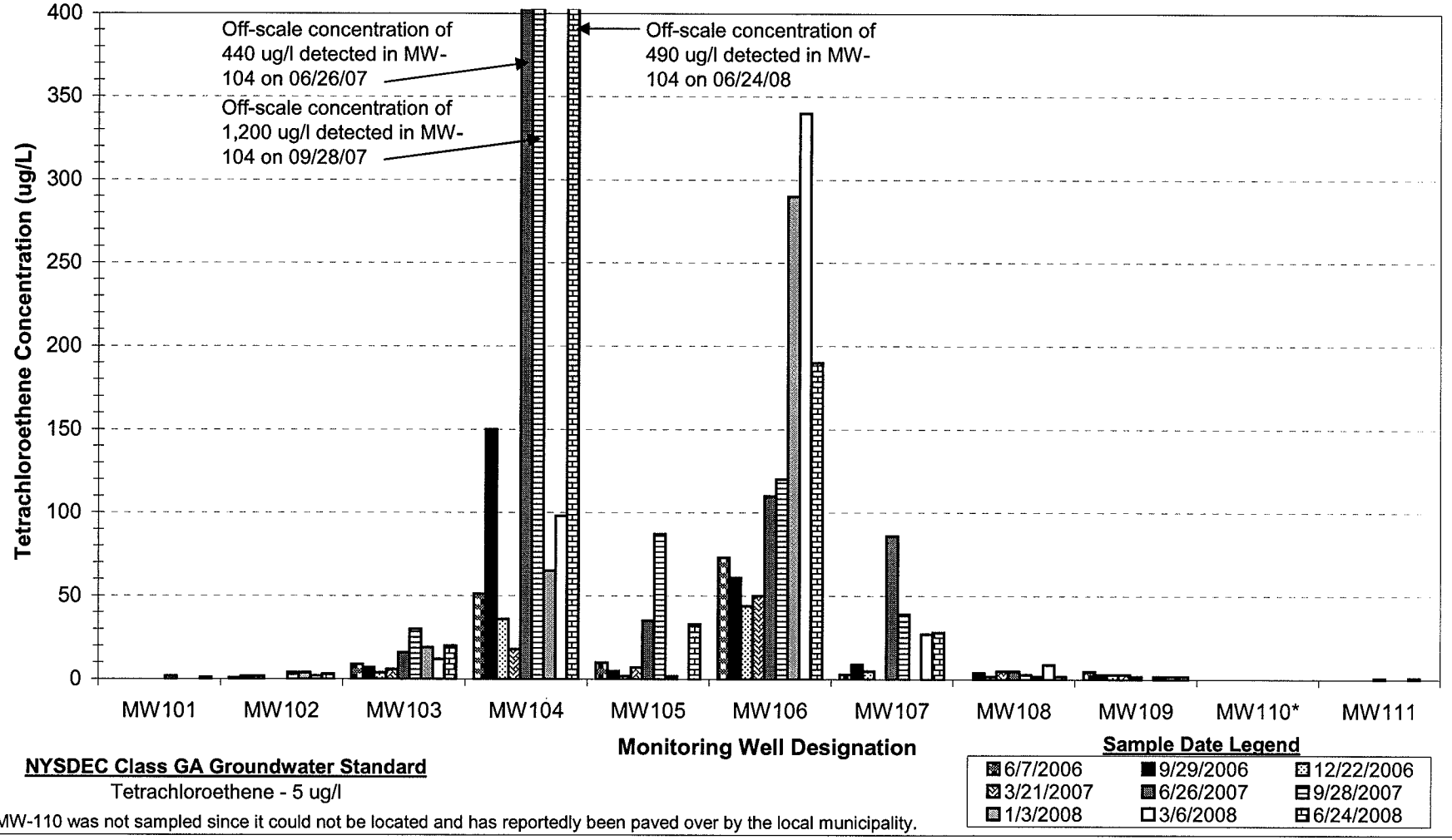
Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - cis-1,2-Dichloroethene



NYSDEC Class GA Groundwater Standard
cis-1,2-dichloroethene - 5 ug/l

* MW-110 was not sampled since it could not be located and has reportedly been paved over by the local municipality.

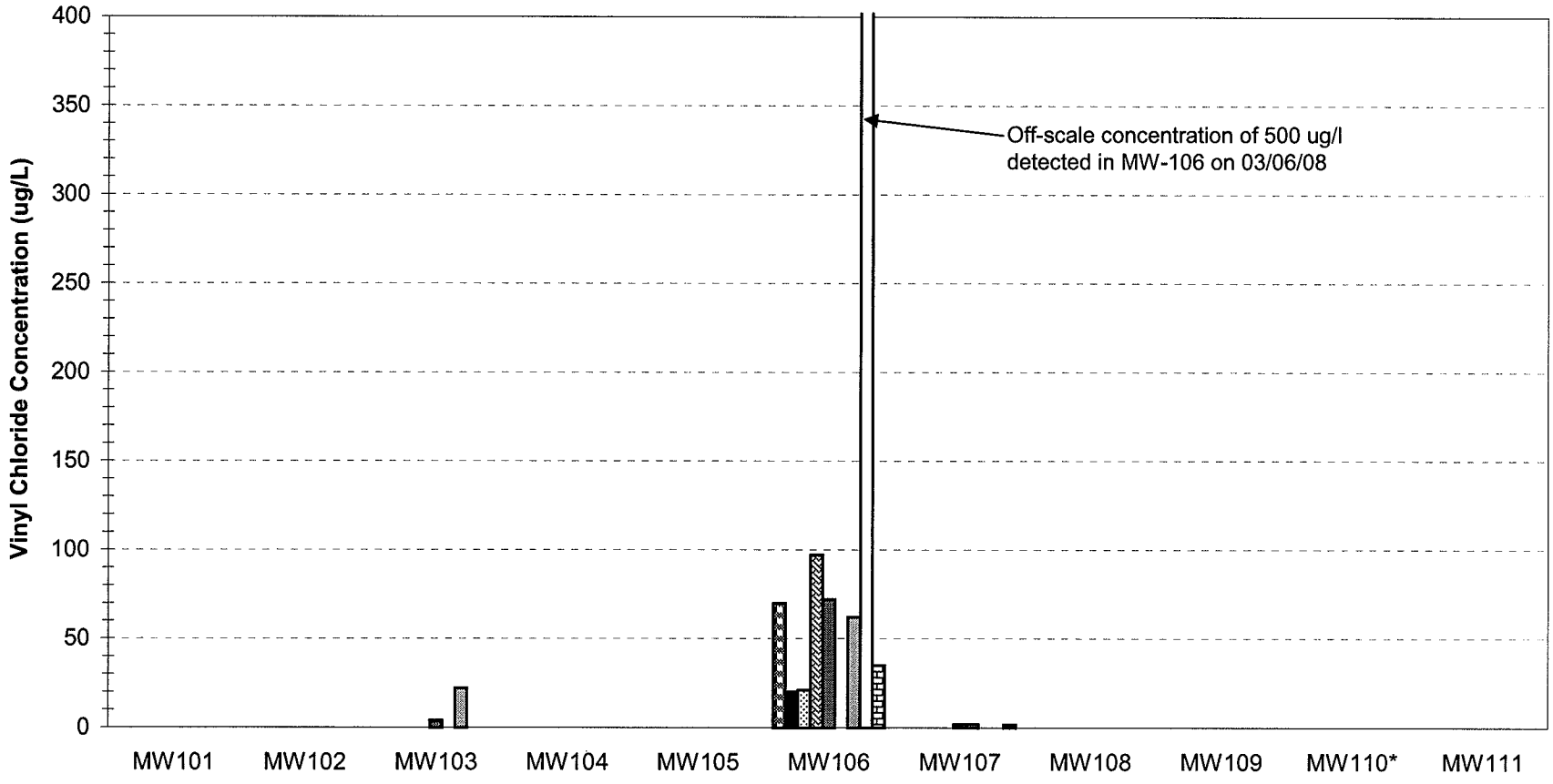
Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - Tetrachloroethene



NYSDEC Class GA Groundwater Standard
Tetrachloroethene - 5 ug/l

* MW-110 was not sampled since it could not be located and has reportedly been paved over by the local municipality.

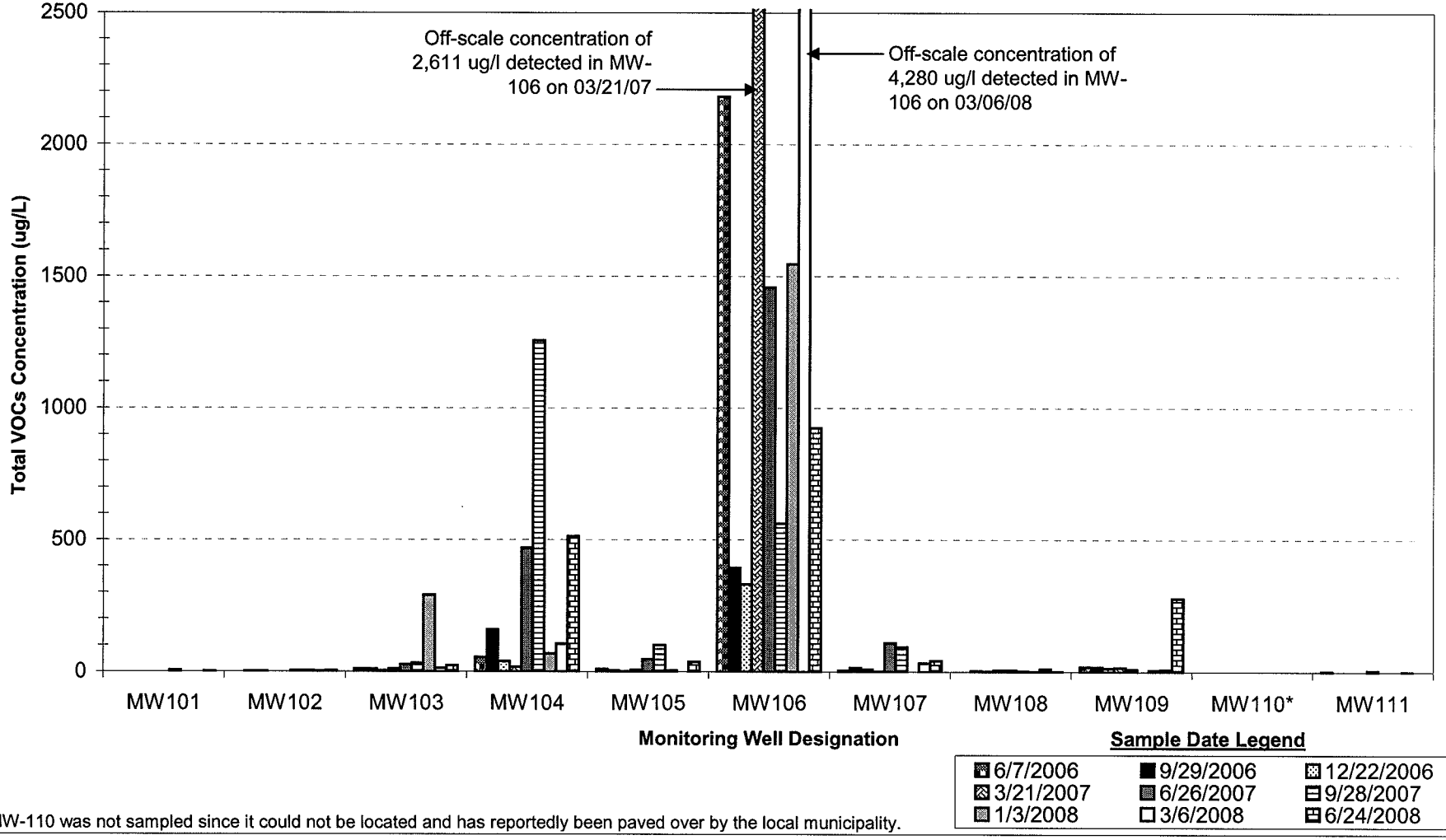
Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - Vinyl Chloride



NYSDEC Class GA Groundwater Standard
Vinyl Chloride - 2 ug/l

* MW-110 was not sampled since it could not be located and has reportedly been paved over by the local municipality.

Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - Total VOCs



* MW-110 was not sampled since it could not be located and has reportedly been paved over by the local municipality.