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September 17, 2007

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. 10 – April 1, 2007 through June 30, 2007
D&B No. 2578-04

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, 2007 through June 30, 2007. 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 51.3 gallons per minute (gpm). This rate is only reflective of the period from June 6, 2007 through the end of the quarter due to a Primary Logic Controller (PLC) malfunction and troubleshooting from the beginning of the quarter until June 6, 2007. A review of the operation and maintenance logs for RW-1 shows that the extraction well pumping rate has steadily declined from a high of 84.6 gpm when D&B restarted the groundwater extraction system (February 23, 2005).

During this period, off-site extraction well RW-2 was not in operation due to a failure of the extraction well pump in August 2006. A Scope of Work for pulling and replacing the current extraction well pump in-kind has been submitted to the New York State Department of Environmental Conservation (NYSDEC) for review and approval.

Approximately 1,711,338 gallons of treated groundwater was discharged to Little Neck Creek during this period. During this period, the groundwater extraction system was inoperative for approximately 1,658 hours, due to three system alarm conditions and two routine system maintenance events. 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 June 15, 2007. 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 15, 2007 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 15, 2007 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.

Sample results are summarized in Attachment D. Due to a laboratory error, the June 15, 2007 COMB-INF sample results were reported as non-detect, since the sample was run at a dilution ratio of 200 to 1. The dilution increased the detection limit to 1,000 micrograms per liter (ug/l), which is greater than historically detected influent VOCs. Also, no data was obtained during the months of April and May due to the malfunction and troubleshooting of the PLC. Therefore, no comparisons can be made between this quarter's sample results and NYSDEC Class GA groundwater standards and guidance values.

The sample results from the air stripper discharge are compared to the NYSDEC site-specific effluent limits. As can be seen from the effluent sample results, COMB-EFF VOCs, pH and TSS were detected below NYSDEC site-specific effluent limits. Approximately 1.47 pounds of total VOCs were removed from the extracted groundwater during the period. As noted on the summary table in Attachment E, the system influent total VOC concentration on June 15, 2007 was calculated based on an average of the total VOC concentration detected on March 16, 2007 and July 12, 2007. The average total VOC removal efficiency for this quarter was approximately 98 percent. Refer to Attachment E for a summary of the extraction and treatment system performance results for this period.

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 June 15, 2007.

Sample results are presented in Attachment D. The results of the vapor phase carbon adsorption system discharge samples (VPCV-EFF) are compared to the NYSDEC site-specific effluent limits. All air discharge results were below NYSDEC site-specific effluent limits for the period.

Groundwater Quality Data

The network of 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 26, 2007. Each well sample was analyzed for VOCs by USEPA Method 8260. Monitoring well MW-110 could not be located and has reportedly been paved over and, as a result, was not sampled. The locations of the on-site monitoring wells are shown in Figure 2 in Attachment A. The locations of the off-site monitoring wells are shown in Figure 3 in Attachment A.

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 non-detect to 1,458 ug/l. Five on-site monitoring wells (MW-103 through MW-107) contained at least one VOC at a concentration above Class GA standards or guidance values. Monitoring well MW-106 contained the greatest concentration of total VOCs (2,611 ug/l), with vinyl chloride (VC), trans-1,2-dichloroethene, cis-1,2-DCE, TCE and PCE detected at concentrations exceeding Class GA standards. No VOCs were detected at concentrations above Class GA standards or guidance values in on-site monitoring wells MW-101, MW-102 or MW-108.

Concentrations of total VOCs detected in off-site monitoring wells MW-109 and MW-111 were 10 ug/l and 6 ug/l, respectively. No VOCs were detected at concentrations above Class GA standards or guidance values in either of these off-site monitoring wells.

Attachment F includes graphs which summarize historic concentrations of VC, cis-1,2-DCE, TCE, PCE and total VOCs detected in the on-site and off-site monitoring wells. On-site, historical PCE concentrations have been high and sporadic (between 1,660 ug/l and 5 ug/l) in MW-104, relatively stable at an average of approximately 70 ug/l in MW-106, and relatively low and decreasing in the other on-site wells. Cis-1,2-DCE has been high and sporadic in MW-106, similar to PCE. Concentrations of TCE show a relatively stable trend in MW-106 with concentrations between approximately 30 ug/l and 250 ug/l. However, concentrations of TCE detected during this quarter's sampling event were the highest since June 2004. VC shows an increasing trend in MW-106 with concentrations between 15 ug/l and 97 ug/l. Off-site, low concentrations of these compounds below groundwater standards have historically been present in MW-109, the furthest off-site monitoring well located in the vicinity of RW-2. In the nearby off-site monitoring well, MW-111, concentrations of these compounds have been non-detect, with the exception of this quarter which showed low concentrations of TCE, cis-1,2-DCE and PCE.

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.

- Two samples collected on June 26, 2007 were analyzed at a dilution due to the elevated concentration of several VOCs. Sample MW-104 was analyzed at a 1:4 dilution and sample MW-106 was analyzed at a 1:10 dilution.

- The COMB-INF sample collected on June 15, 2007 was analyzed at a 1:200 dilution and no target compounds were detected. Reanalysis at a lesser dilution was not performed due to a lack of sample volume, both sample vials were broken. The sample results for this sample have been qualified as estimated, with possible false negatives being reported.

No other problems were found with the sample results. All data is deemed valid and usable for environmental assessment purposes as qualified above.

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 is continuing to capture VOC-contaminated groundwater.

- A review of the operation and maintenance logs for the past two years shows a steady decline in the pumping rate of RW-1 from 84.6 gpm (February 23, 2005) to 51.3 gpm (June 15, 2007). A comparison of the most recent pumping rate to the design flow rate stipulated in the Active Industrial Uniform Specifications, Section 13742 – Startup, Operation and Maintenance, indicates that RW-1 is performing at approximately 51.3% of the design flow rate (100 gpm). Section 13742 also stipulates that the system will be considered "operating" when the extraction wells are operating at greater than 80% of the design flow rate. The cause of this flow reduction may be from fouling of the pump intake and lines or a decrease in the hydraulic interconnection between the aquifer formation and the well.

- The results of system effluent (COMB-EFF) samples show 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 show 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 contain at least one VOC at a concentration exceeding its NYSDEC Class GA groundwater standard.

- Off-site monitoring wells MW-109 and MW-111 did not contain any VOCs at concentrations above Class GA standards and guidance values. However, VOCs have not been detected in MW-111 since the treatment system was restarted in February 2005. This detection may be due to the decreasing extraction rate of RW-1, as previously noted.

Recommendations

Based on the results of performance monitoring performed during the period, we offer 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.

- An evaluation of the current extraction well pump installed within extraction well RW-2 has been completed to determine if the current extraction well pump is sufficient. D&B recomends removal and replacement of the extraction well pump and its associated down-well power cable assembly.

- A review of the historic site groundwater monitoring sampling data, collected over the past two years, indicates that two areas of the site (the vicinity of MW-104 and MW-106) may still be contributing PCE-related contamination to the groundwater. To assess this potential the following tasks can be conducted:

  - Obtain and review available reports related to the historical operation and remediation of the site;

  - Evaluate groundwater contamination with respect to water table levels and recharge; and

  - Evaluate extraction well capture zones to ensure that these areas are being influenced by extraction well RW-1.

- To address the steady decline in the pumping rate of extraction well RW-1, it is recommended that the extraction well pump be removed, inspected and cleaned, and the well be redeveloped. Additionally, going forward, it is recommended that this procedure be performed on a routine basis (yearly) to maintain the required well efficiency.

An out-of-scope proposal can be provided at the request of the NYSDEC detailing the level of effort and budget to clean the RW-1 pump and redevelop the well, and review and evaluate available reports and data with respect to water quality, groundwater levels and remediation.

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

Very truly yours,

Albert H. Jaroszewki
Project Manager

AHJ/PSM/jmy
Attachments
cc: F. DeVita (D&B)
P. Martorano (D&B)
♦2578\AHJ08227 PL-QTR RPT#10.DOC(R05)

ATTACHMENT A

FIGURES

F:\2307\Active Industrial Uniform Site\Quarterly Report No. 1\FIGURE 1.dwg, 05/24/05 11:51:44 AM, FDeVita

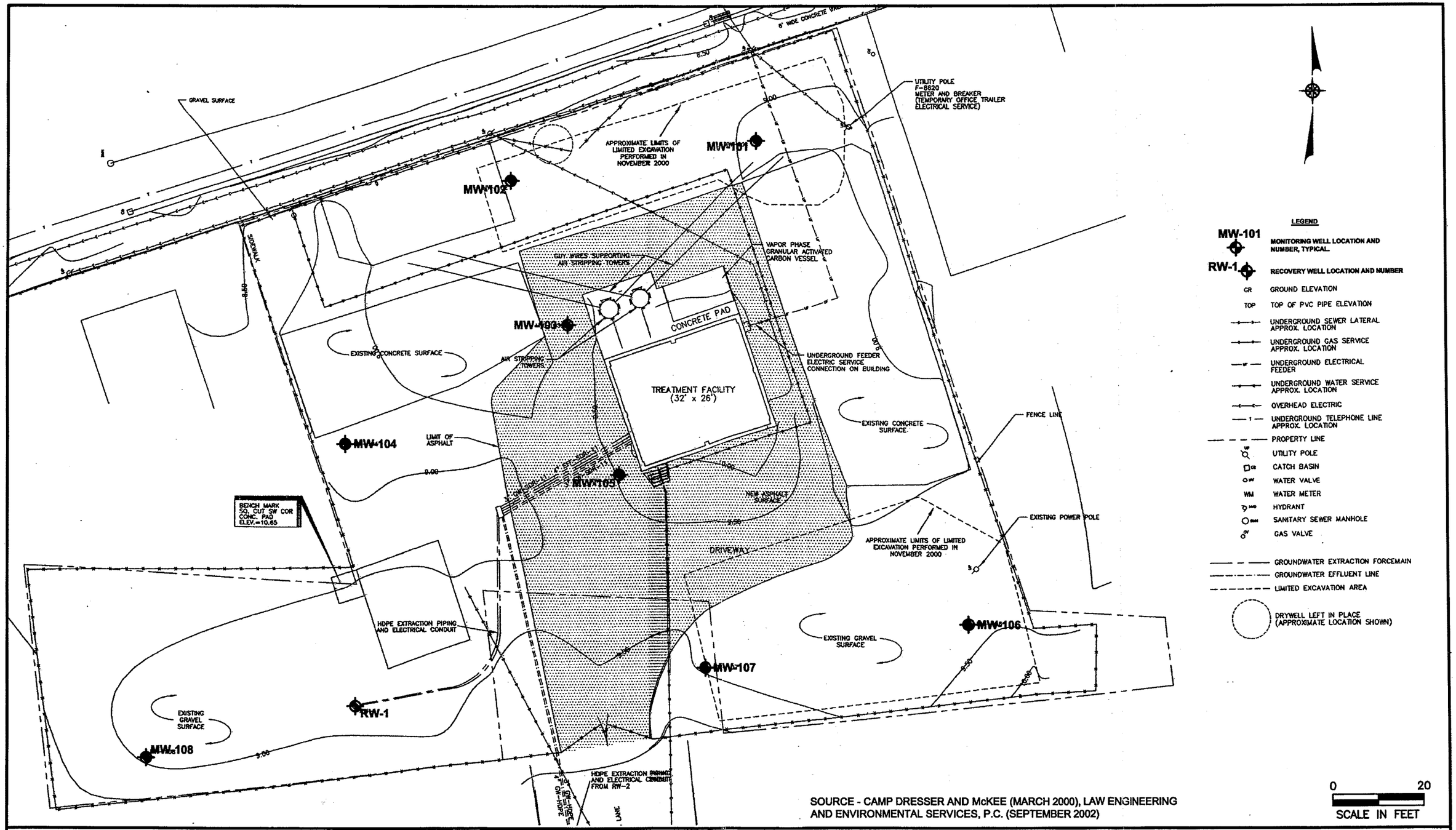
SOURCE: USGS FREEPORT AND LYNBROOK QUADRANGLES

ACTIVE INDUTRIAL UNIFORM SITE
VILLAGE OF LINDENHURST, NEW YORK

PROJECT SITE LOCATION MAP

FIGURE 1

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



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

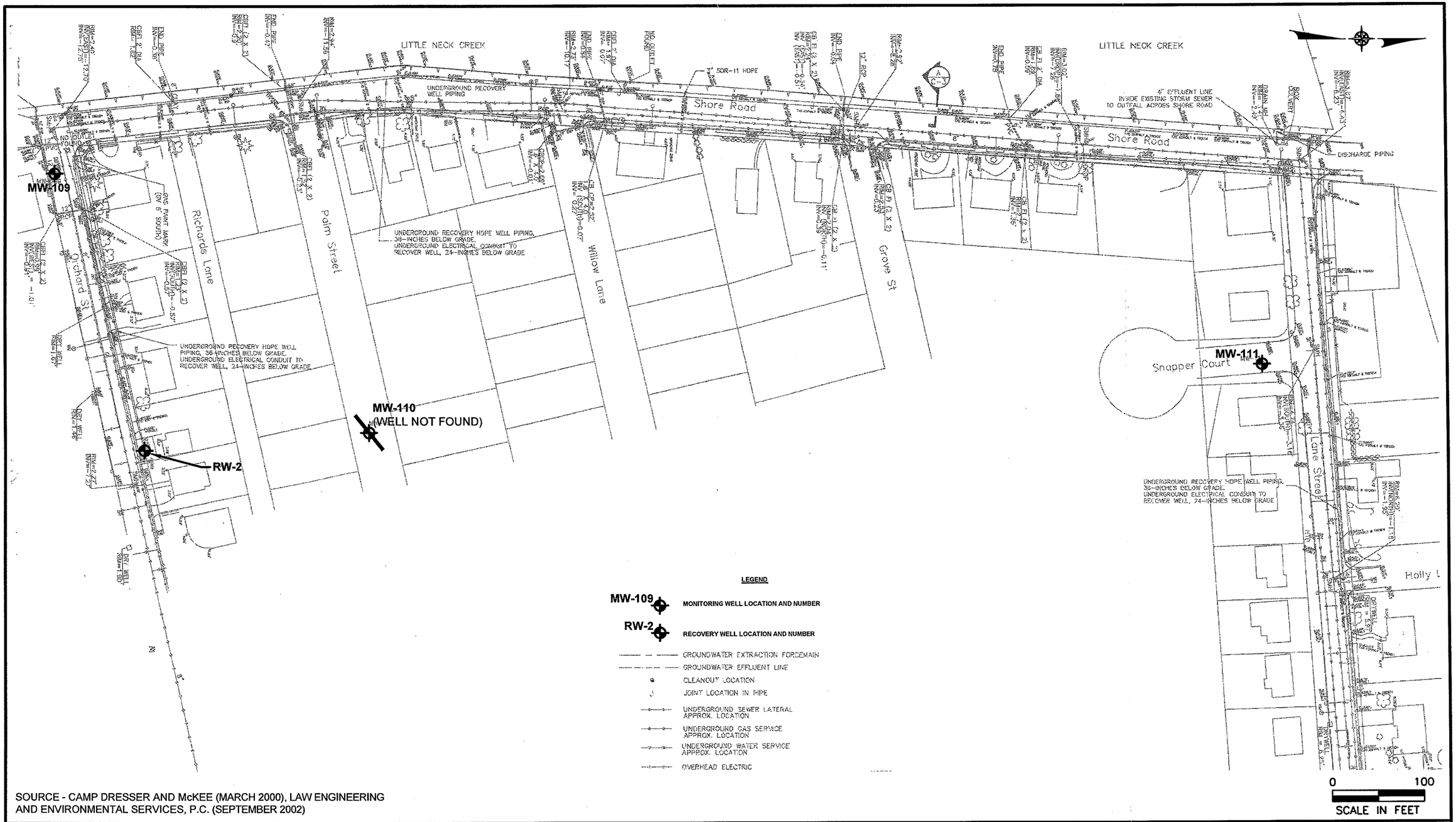
ACTIVE INDUTRIAL UNIFORM SITE
VILLAGE OF LINDENHURST, NEW YORK

ON-SITE MONITORING WELL LOCATION MAP

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

FIGURE 2

F:\12307\Active Industrial Uniform Site\Quarterly Report No. 1\FIGURE 2.dwg, Layout1, 06/03/05 12:39:51 PM, DCortes



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

ACTIVE INDUTRIAL UNIFORM SITE
VILLAGE OF LINDENHURST, NEW YORK

Dvirka and Bartilucci CONSULTING ENGINEERS
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OFF-SITE MONITORING WELL LOCATION MAP

FIGURE 3

F:\2307\Active Industrial Uniform Site\Quarterly Report No. 1\FIGURE 3.dwg, Layout1, 04/06/06 02:38:22 PM, PMartorano

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
4/1/07 12:00 AM	4/27/07 4:45 PM	System did not call out on 3/27/07. Approximate shut-off date/time for system based on total flow and downtime from 3/16/07 through 4/20/07.
4/27/07 5:00 PM	6/6/07 8:40 AM	System down due a faulty PLC and system troubleshooting. [1]Replaced PLC on 6/6/07and restarted system.
6/7/07 8:00 AM	6/7/07 8:00 PM	[1]Routine Maintenance Event - Granular activated carbon (GAC) removal and replacement. Also repaired damaged GAC bed screen.
6/28/07 5:30 PM	6/28/07 6:00 PM	[1]Routine Maintenance Event - Pressure blower maintenance.
6/28/07 7:22 PM	7/1/07 12:00 AM	Alarm condition #3 - High level air stripper sump #1. Air stripper sump pit purged. Restarted system on 7/1/07 @ 13:50.

NOTES:

1. Maintenance event performed by Systematic Technologies, Inc.

ATTACHMENT C

SYSTEM MAINTENANCE REPORT

MAINTENANCE AND INSPECTION REPORT

ACTIVE INDUSTRIAL UNIFORM SITE, LINDENHURST, NY

Date: 5/17/07

Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	President			

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:

Replaced PLC analog input module

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used
Analog Input Module	Automation Direct	F2-08AD-1	1

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 6/14/07

Signature / Print / Date

MAINTENANCE AND INSPECTION REPORT

ACTIVE INDUSTRIAL UNIFORM SITE, LINDENHURST, NY

Date: 6/7/07

Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	President			

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:

1.) GAC removal and replacement
2.) Replacement of GAC bed screen

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used
Carbon Media	Global Minerals	4 x 8 Virgin VGAC	10,000#
Carbon Bed Screen	CGL	3/16 Polypropylene, 3/32 Holes on 5/16 Staggered Centers	1 Set

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 6/14/07

Signature / Print / Date

MAINTENANCE AND INSPECTION REPORT

ACTIVE INDUSTRIAL UNIFORM SITE, LINDENHURST, NY

Date: 6/11/07

Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	President			
R. Wickers	Technician			

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:

Cleared vegetation within compound

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used

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 6/14/07

Signature / Print / Date

MAINTENANCE AND INSPECTION REPORT

ACTIVE INDUSTRIAL UNIFORM SITE, LINDENHURST, NY

Date: 6/28/07				
Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	President	1730	1800	0.5

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 8/22/07

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[1]			NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES (ug/L)
SAMPLE TYPE	WATER			
DATE OF COLLECTION	6/15/2007			
COLLECTED BY	D&B			
UNITS	(ug/L)			
VOCs				
Dichlorodifluoromethane	UJ*			5 GV
Chloromethane	UJ*			--
Vinyl chloride	UJ*			2 ST
Bromomethane	UJ*			5 ST
Chloroethane	UJ*			5 ST
Trichlorofluoromethane	UJ*			5 ST
1,1-Dichloroethene	UJ*			5 ST
Acetone	UJ*			50 GV
Iodomethane	UJ*			--
Carbon disulfide	UJ*			60 GV
Methylene chloride	UJ*			5 ST
trans 1,2-Dichloroethene	UJ*			5 ST
Methyl-tert butyl ether	UJ*			10 GV
1,1-Dichloroethane	UJ*			5 ST
Vinyl acetate	UJ*			--
2-Butanone	UJ*			50 GV
cis-1,2-Dichloroethene	UJ*			5 ST
2,2-Dichloropropane	UJ*			5 ST
Bromochloromethane	UJ*			5 ST
Chloroform	UJ*			7 ST
1,1,1-Trichloroethane	UJ*			5 ST
1,1-Dichloropropene	UJ*			5 ST
Carbon tetrachloride	UJ*			5 ST
1,2-Dichloroethane	UJ*			0.6 ST
Benzene	UJ*			1 ST
Trichloroethene	UJ*			5 ST
1,2-Dichloropropane	UJ*			1 ST
Bromodichloromethane	UJ*			5 ST
cis-1,3-Dichloropropene	UJ*			0.4 ST
4-Methyl-2-pentanone	UJ*			--
Toluene	UJ*			5 ST
trans-1,3-Dichloropropene	UJ*			0.4 ST
1,1,2-Trichloroethane	UJ*			1 ST
1,3-Dichloropropane	UJ*			5 ST
Tetrachloroethene	UJ*			5 ST
2-Hexanone	UJ*			50 GV
Dibromochloromethane	UJ*			50 GV
1,2-Dibromoethane	UJ*			5 ST
Chlorobenzene	UJ*			5 ST
1,1,1,2-Tetrachloroethane	UJ*			5 ST
Ethylbenzene	UJ*			5 ST
Xylene (total)	UJ*			5 ST
Styrene	UJ*			5 ST
Bromoform	UJ*			50 GV
Isopropylbenzene	UJ*			5 ST
1,1,2,2-Tetrachloroethane	UJ*			5 ST
Bromobenzene	UJ*			5 ST
1,2,3-Trichloropropane	UJ*			0.04 ST
n-Propylbenzene	UJ*			5 ST
2-Chlorotoluene	UJ*			5 ST
1,3,5-Trimethylbenzene	UJ*			5 ST
4-Chlorotoluene	UJ*			5 ST
tert-Butylbenzene	UJ*			5 ST
1,2,4-Trimethylbenzene	UJ*			5 ST
sec-Butylbenzene	UJ*			5 ST
4-Isopropyltoluene	UJ*			5 ST
1,3-Dichlorobenzene	UJ*			3 ST
1,4-Dichlorobenzene	UJ*			3 ST
n-Butylbenzene	UJ*			5 ST
1,2-Dichlorobenzene	UJ*			3 ST
1,2-Dibromo-3-chloropropane	UJ*			0.04 ST
1,2,4-Trichlorobenzene	UJ*			5 ST
Hexachlorobutadiene	UJ*			0.5 ST
Naphthalene	UJ*			10 GV
1,2,3-Trichlorobenzene	UJ*			5 ST
Total VOCs	0			

NOTES:

Concentration exceeds NYSDEC Class GA Groundwater Standards or Guidance Values

1 -Sample analyzed at a dilution of 200:1

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
J*: Result qualified as estimated, 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		
SAMPLE TYPE	WATER		
DATE OF COLLECTION	6/15/2007		
COLLECTED BY	D&B		
UNITS	(ug/L)		
INORGANIC COMPOUNDS			
Aluminum	U		
Antimony	U		
Arsenic	U		
Barium	20.5 B		
Beryllium	U		
Cadmium	0.20 B		
Calcium	21,900		
Chromium	0.53 B		
Cobalt	0.45 B		
Copper	7.9 B		
Iron	69.9 B		
Lead	U		
Magnesium	4,040 B		
Manganese	1,350		
Mercury	U		
Nickel	U		
Potassium	2,860 B		
Selenium	11.8		
Silver	U		
Sodium	26,100		
Thallium	U		
Vanadium	U		
Zinc	97.6		
GENERAL CHEMISTRY			
pH (S.U.)	6.1		

ABBREVIATIONS:
ug/L: Micrograms per liter

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

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	6/15/2007	
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
D:

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

SAMPLE ID	COMB EFF			NYSDEC Site Specific Effluent Limitation
SAMPLE TYPE	WATER			
DATE OF COLLECTION	6/15/2007			
COLLECTED BY	D&B			
UNITS	(ug/L)			
VOCs				(ug/L)
Dichlorodifluoromethane	U			NL
Chloromethane	U			NL
Vinyl chloride	U			10
Bromomethane	U			NL
Chloroethane	U			NL
Trichlorofluoromethane	U			NL
1,1-Dichloroethene	U			NL
Acetone	U			NL
Iodomethane	U			NL
Carbon disulfide	U			NL
Methylene chloride	U			NL
trans 1,2-Dichloroethene	U			10*
Methyl-tert butyl ether	U			NL
1,1-Dichloroethane	U			NL
Vinyl acetate	U			NL
2-Butanone	U			NL
cis-1,2-Dichloroethene	U			10*
2,2-Dichloropropane	U			NL
Bromochloromethane	U			NL
Chloroform	U			NL
1,1,1-Trichloroethane	U			5
1,1-Dichloropropene	U			NL
Carbon tetrachloride	U			NL
1,2-Dichloroethane	U			NL
Benzene	U			NL
Trichloroethene	U			10
1,2-Dichloropropane	U			NL
Bromodichloromethane	U			NL
cis-1,3-Dichloropropene	U			NL
4-Methyl-2-pentanone	U			NL
Toluene	U			NL
trans-1,3-Dichloropropene	U			NL
1,1,2-Trichloroethane	U			NL
1,3-Dichloropropane	U			NL
Tetrachloroethene	U			4
2-Hexanone	U			NL
Dibromochloromethane	U			NL
1,2-Dibromoethane	U			NL
Chlorobenzene	U			NL
1,1,1,2-Tetrachloroethane	U			NL
Ethylbenzene	U			NL
Xylene (total)	U			5**
Styrene	U			NL
Bromoform	U			NL
Isopropylbenzene	U			NL
1,1,2,2-Tetrachloroethane	U			NL
Bromobenzene	U			NL
1,2,3-Trichloropropane	U			NL
n-Propylbenzene	U			NL
2-Chlorotoluene	U			NL
1,3,5-Trimethylbenzene	U			NL
4-Chlorotoluene	U			NL
tert-Butylbenzene	U			NL
1,2,4-Trimethylbenzene	U			NL
sec-Butylbenzene	U			NL
4-Isopropyltoluene	U			NL
1,3-Dichlorobenzene	U			NL
1,4-Dichlorobenzene	U			NL
n-Butylbenzene	U			NL
1,2-Dichlorobenzene	U			NL
1,2-Dibromo-3-chloropropane	U			NL
1,2,4-Trichlorobenzene	U			NL
Hexachlorobutadiene	U			NL
Naphthalene	U			NL
1,2,3-Trichlorobenzene	U			NL
Total VOCs	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

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	6/15/2007	
COLLECTED BY	D&B	
UNITS	(ug/L)	
INORGANIC COMPOUNDS		(ug/L)
Aluminum	U	4,000
Antimony	U	NL
Arsenic	U	140
Barium	8.1 B	NL
Beryllium	U	NL
Cadmium	U	30
Calcium	21,700	NL
Chromium	U	NL
Cobalt	U	NL
Copper	6.0 B	38
Iron	59.3 B	4,000
Lead	U	NL
Magnesium	4,040 B	NL
Manganese	476	2,000
Mercury	U	NL
Nickel	U	65
Potassium	2,810 B	NL
Selenium	10.8	NL
Silver	U	9
Sodium	25,800	NL
Thallium	U	NL
Vanadium	U	NL
Zinc	35.6	370
GENERAL CHEMISTRY		
pH (S.U.)	6.1	6 - 9

ABBREVIATIONS:
ug/L: Micrograms per liter
NL : No limit specified

QUALIFIERS:
B: Concentration above IDL but less than CRDL.
U: Compound analyzed for but not detected.

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	6/15/2007	
COLLECTED BY	D&B	
WET CHEMISTRY		
Alkalinity, Total (mg/L $CaCO_3$)	41	NL
Total Dissolved Solids (mg/L)	200	Monitor
Total Suspended Solids (mg/L)	ND	20
pH (S.U.)	7.5	6 - 9
Chemical Oxygen Demand (mg/L)	ND	NL
FIELD TESTS		
pH (S.U.)	6.44	6 - 9
Temperature (°C)	12.0	NL
Turbidity (NTU)	1.0	NL
Conductivity (uS)	0.23	NL
Dissolved Oxygen (mg/L)	9.01	NL
Total Chlorine (mg/L)	0.00	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		
SAMPLE TYPE	AIR		
DATE OF COLLECTION	6/15/2007		
COLLECTED BY	D&B		
UNITS	(ug/m^3)		
VOCs			
1,1,1-Trichloroethane	U		
1,1,2,2-Tetrachloroethane	U		
1,1,2-Trichloroethane	U		
1,1-Dichloroethane	U		
1,1-Dichloroethene	U		
1,2,4-Trichlorobenzene	U		
1,2,4-Trimethylbenzene	U		
1,2-Dibromoethane	U		
1,2-Dichlorobenzene	U		
1,2-Dichloroethane	U		
1,2-Dichloropropane	U		
1,3,5-Trimethylbenzene	U		
1,3-Butadiene	U		
1,3-Dichlorobenzene	U		
1,4-Dichlorobenzene	U		
1,4-Dioxane	U		
2,2,4-Trimethylpentane	U		
4-Ethyltoluene	U		
Acetone	3.4 J		
Allyl chloride	U		
Benzene	U		
Benzyl chloride	U		
Bromodichloromethane	U		
Bromoform	U		
Bromomethane	U		
Carbon dissulfide	U		
Carbon tetrachloride	U		
Chlorobenzene	U		
Chloroethane	U		
Chloroform	U		
Chloromethane	U		
cis-1,2-Dichloroethene	14 J		
cis-1,3-Dichloropropene	U		
Cyclohexane	U		
Dibromochloromethane	U		
Ethyl acetate	U		
Ethylbenzene	U		
Freon 11	U		
Freon 113	U		
Freon 114	U		
Freon 12	U		
Heptane	U		
Hexachloro-1,3-butadiene	U		
Hexane	U		
Isopropyl alcohol	U		
m&p-Xylene	U		
Methyl Butyl Ketone	U		
Methyl Ethyl Ketone	U		
Methyl Isobutyl Ketone	U		
Methyl tert-butyl ether	U		
Methylene chloride	U		
o-Xylene	U		
Propylene	U		
Styrene	U		
Tetrachloroethylene	49		
Tetrahydrofuran	U		
Toluene	U		
trans-1,2-Dichloroethene	U		
trans-1,3-Dichloropropene	U		
Trichloroethene	14 J		
Vinyl acetate	U		
Vinyl bromide	U		
Vinyl chloride	U		
Total VOCs	80		

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		
SAMPLE TYPE	AIR		
DATE OF COLLECTION	6/15/2007		
COLLECTED BY	D&B		
UNITS	(ug/m^3)		
VOCs			
1,1,1-Trichloroethane	U		
1,1,2,2-Tetrachloroethane	U		
1,1,2-Trichloroethane	U		
1,1-Dichloroethane	U		
1,1-Dichloroethene	U		
1,2,4-Trichlorobenzene	U		
1,2,4-Trimethylbenzene	U		
1,2-Dibromoethane	U		
1,2-Dichlorobenzene	U		
1,2-Dichloroethane	U		
1,2-Dichloropropane	U		
1,3,5-Trimethylbenzene	U		
1,3-Butadiene	U		
1,3-Dichlorobenzene	U		
1,4-Dichlorobenzene	U		
1,4-Dioxane	U		
2,2,4-Trimethylpentane	U		
4-Ethyltoluene	U		
Acetone	82		
Allyl chloride	U		
Benzene	U		
Benzyl chloride	U		
Bromodichloromethane	U		
Bromoform	U		
Bromomethane	U		
Carbon dissulfide	U		
Carbon tetrachloride	U		
Chlorobenzene	U		
Chloroethane	2.9 J		
Chloroform	U		
Chloromethane	U		
cis-1,2-Dichloroethene	U		
cis-1,3-Dichloropropene	U		
Cyclohexane	4.2 J		
Dibromochloromethane	U		
Ethyl acetate	U		
Ethylbenzene	U		
Freon 11	U		
Freon 113	U		
Freon 114	U		
Freon 12	6.6 J		
Heptane	6.2 J		
Hexachloro-1,3-butadiene	U		
Hexane	U		
Isopropyl alcohol	U		
m&p-Xylene	U		
Methyl Butyl Ketone	U		
Methyl Ethyl Ketone	29 J		
Methyl Isobutyl Ketone	U		
Methyl tert-butyl ether	U		
Methylene chloride	4.0 J		
o-Xylene	U		
Propylene	U		
Styrene	U		
Tetrachloroethylene	30 J		
Tetrahydrofuran	U		
Toluene	10 J		
trans-1,2-Dichloroethene	U		
trans-1,3-Dichloropropene	U		
Trichloroethene	7.8 J		
Vinyl acetate	U		
Vinyl bromide	U		
Vinyl chloride	12 J		
Total VOCs	195		

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) EFFLUENT - VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID	VPCV-EFF		
SAMPLE TYPE	AIR		
DATE OF COLLECTION	6/15/2007		
COLLECTED BY	D&B		
UNITS	(ug/m^3)		
VOCs			
1,1,1-Trichloroethane	U		
1,1,2,2-Tetrachloroethane	U		
1,1,2-Trichloroethane	U		
1,1-Dichloroethane	U		
1,1-Dichloroethene	U		
1,2,4-Trichlorobenzene	U		
1,2,4-Trimethylbenzene	U		
1,2-Dibromoethane	U		
1,2-Dichlorobenzene	U		
1,2-Dichloroethane	U		
1,2-Dichloropropane	U		
1,3,5-Trimethylbenzene	U		
1,3-Butadiene	U		
1,3-Dichlorobenzene	U		
1,4-Dichlorobenzene	U		
1,4-Dioxane	U		
2,2,4-Trimethylpentane	U		
4-Ethyltoluene	U		
Acetone	5.1 J		
Allyl chloride	U		
Benzene	U		
Benzyl chloride	U		
Bromodichloromethane	U		
Bromoform	U		
Bromomethane	U		
Carbon dissulfide	U		
Carbon tetrachloride	U		
Chlorobenzene	U		
Chloroethane	U		
Chloroform	U		
Chloromethane	U		
cis-1,2-Dichloroethene	4.9 J		
cis-1,3-Dichloropropene	U		
Cyclohexane	U		
Dibromochloromethane	U		
Ethyl acetate	U		
Ethylbenzene	U		
Freon 11	U		
Freon 113	U		
Freon 114	U		
Freon 12	U		
Heptane	U		
Hexachloro-1,3-butadiene	U		
Hexane	U		
Isopropyl alcohol	U		
m&p-Xylene	U		
Methyl Butyl Ketone	U		
Methyl Ethyl Ketone	U		
Methyl Isobutyl Ketone	U		
Methyl tert-butyl ether	U		
Methylene chloride	4.9 J		
o-Xylene	U		
Propylene	U		
Styrene	U		
Tetrachloroethylene	150		
Tetrahydrofuran	U		
Toluene	U		
trans-1,2-Dichloroethene	U		
trans-1,3-Dichloropropene	U		
Trichloroethene	61		
Vinyl acetate	U		
Vinyl bromide	U		
Vinyl chloride	U		
Total VOCs	226		

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
SUMMARY OF VAPOR EMISSION RATES

Vapor Phase Carbon Vessel Effluent (VPCV-EFF) Sample Collection Date: 06/15/07

Compound Detected [1]	Concentration (ug/m^3)	Flow Rate (ft^3/min)	Emission Rate (lbs/hr)	NYSDEC Required Effluent Limits (lbs/hr)
Acetone	5.1	1,218	2.3E-05	NL
cis-1,2-Dichloroethene	4.9	1,218	2.2E-05	3.0E-03
Methylene chloride	4.9	1,218	2.2E-05	NL
Tetrachloroethylene	150	1,218	6.9E-04	7.0E-03
Trichloroethene	61	1,218	2.8E-04	6.0E-03
Total VOCs	226	1,218	1.0E-03	5.0E-01

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[2]	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	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	
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	4 J	U	U	72	2 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	26 J	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	4 J	5 J	4 J	1,000	9	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	U	U	2 J	24	8	250	11	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	U	U	16	440	35	110	86	5	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	1 J	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	U	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	U	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	U	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	1 J	10 GV
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U	1 J	5 ST
Total VOCs	0	0	26	469	47	1,458	109	7	
GENERAL CHEMISTRY									
pH (S.U.)	7.0	6.5	6.8	6.8	6.6	6.7	6.8	6.7	6 - 9

NOTES:

Concentration exceeds NYSDEC Site Specific Effluent Limitation

1 - Sample run at a 1:40 dilution.

2- Sample run at a 1:4 dilution

ABBREVIATIONS

ug/L = Micrograms per liter
ST: Standard Value
--: Not established
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(1)	MW-111						NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES (ug/L)
SAMPLE TYPE	WATER	WATER	WATER						
DATE OF COLLECTION	6/26/2007	--	6/26/2007						
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	2 J		U						10 GV
1,1-Dichloroethane	1 J		U						5 ST
Vinyl acetate	U		U						--
2-Butanone	U		U						50 GV
cis-1,2-Dichloroethene	2 J		4 J						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	2 J		1 J						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	2 J		1 J						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	9		6						
GENERAL CHEMISTRY									
pH (S.U.)	6.3		6.1						6 - 9

NOTES:

Concentration exceeds NYSDEC Class GA Groundwater Standard or Guidance Value

(1) - 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	52.37 (RW-1) 0.00 (RW-2)	269 (5)	< 5.0	98.14%	7.05E-03	213 (RW-1) 0 (RW-2)	1,125.76 (2)

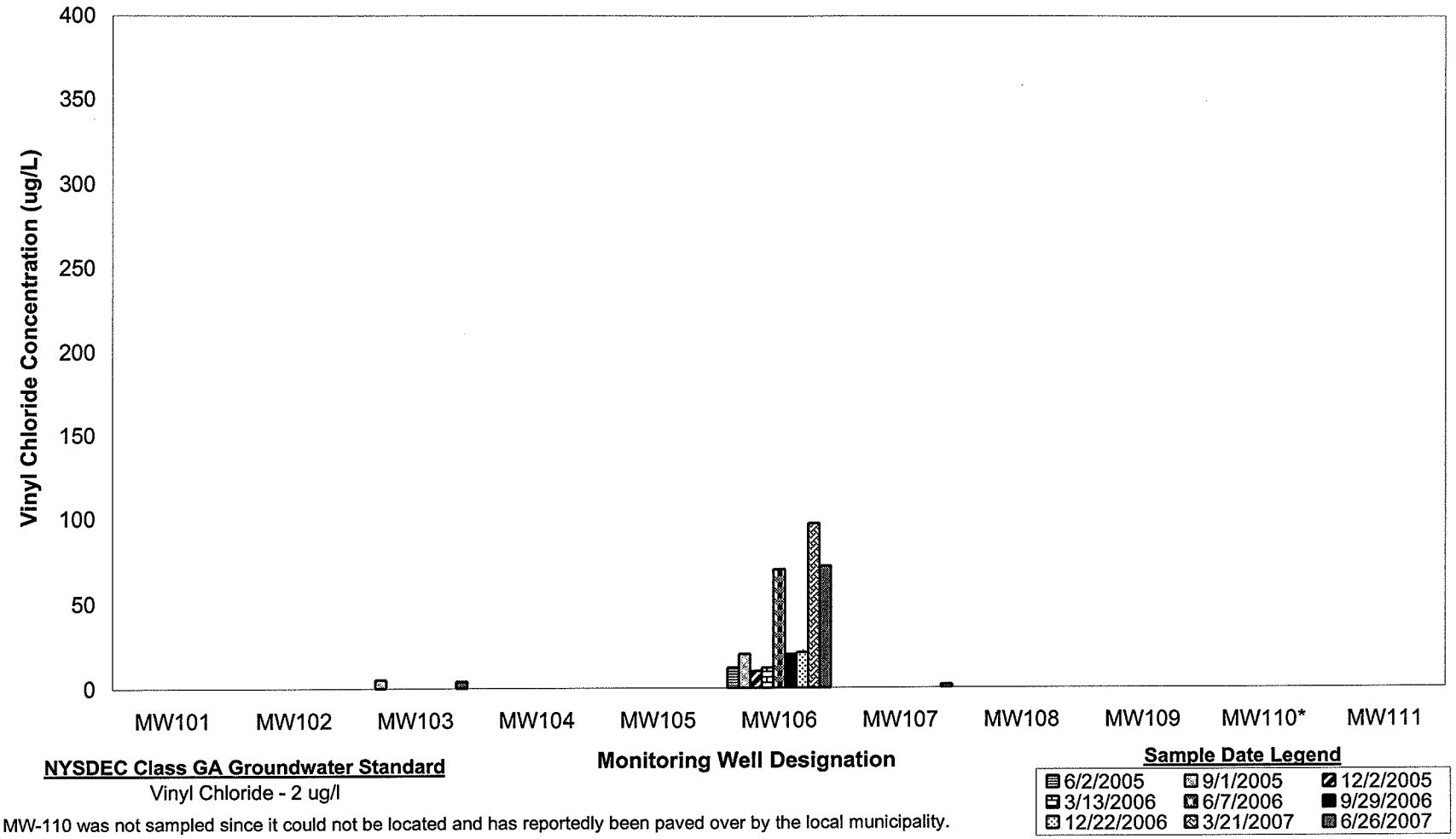
NOTES:
1. Total mass of VOC recovered through December 31, 2004 based on information contained in the Fourth Quarter 2004 Operation and Maintenance Report prepared by Blue Water Environmental Inc.
2. Estimated through the end of the reporting period.
3. Extraction well RW-2 restarted on 7/5/05 @16:20. 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

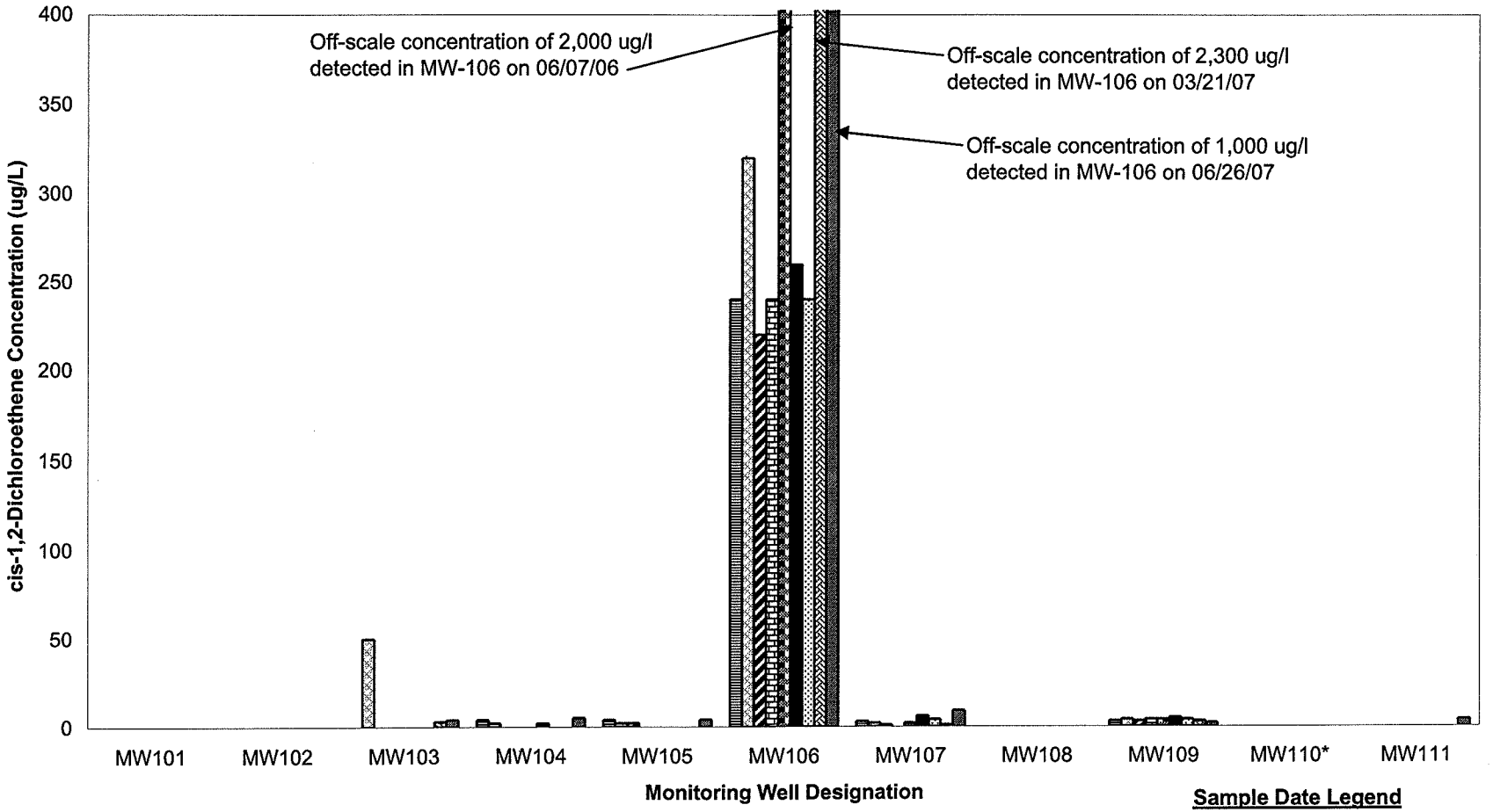
Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - Vinyl Chloride



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 - cis-1,2-Dichloroethene

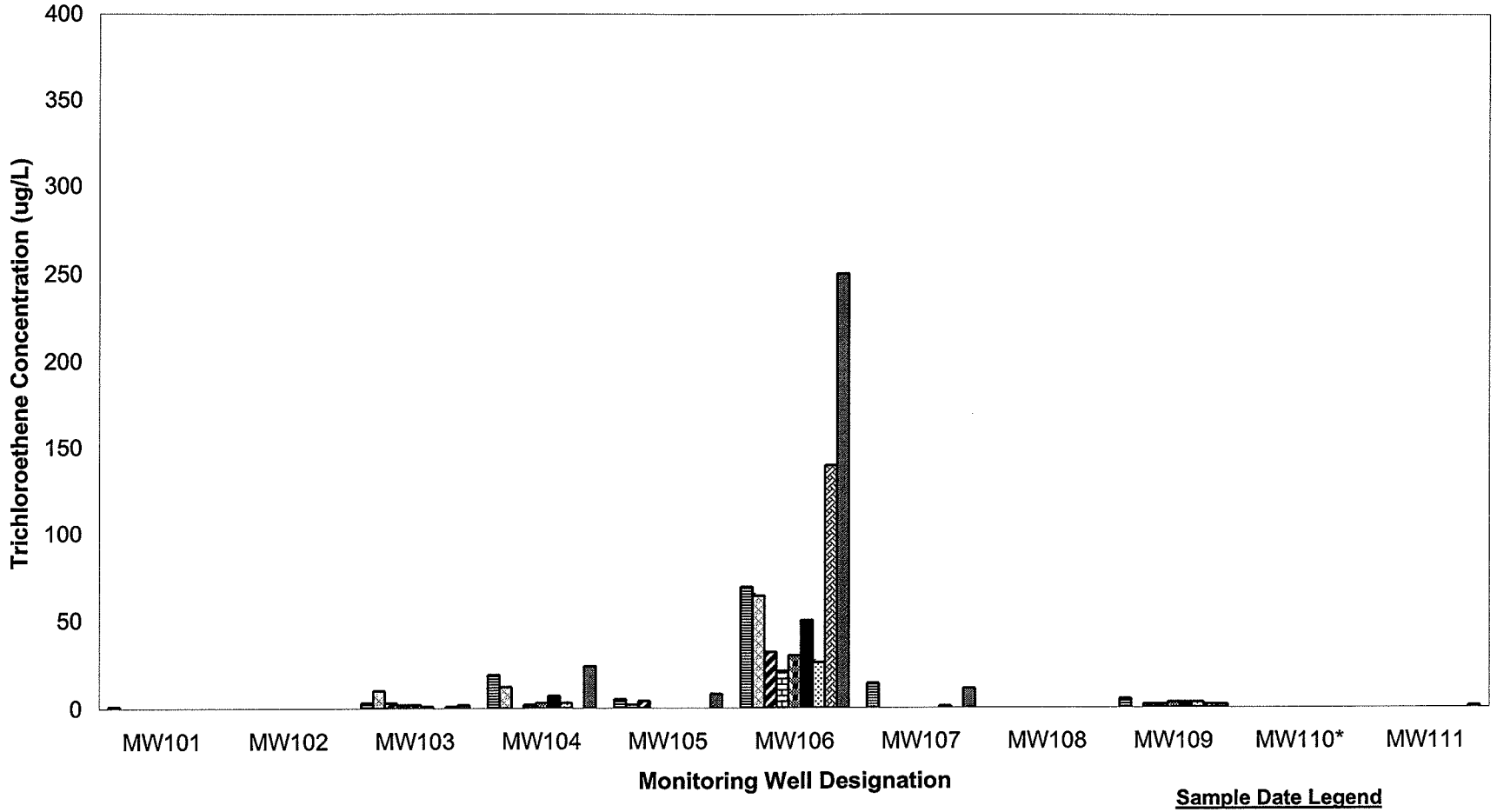


NYSDEC Class GA Groundwater Standard

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.

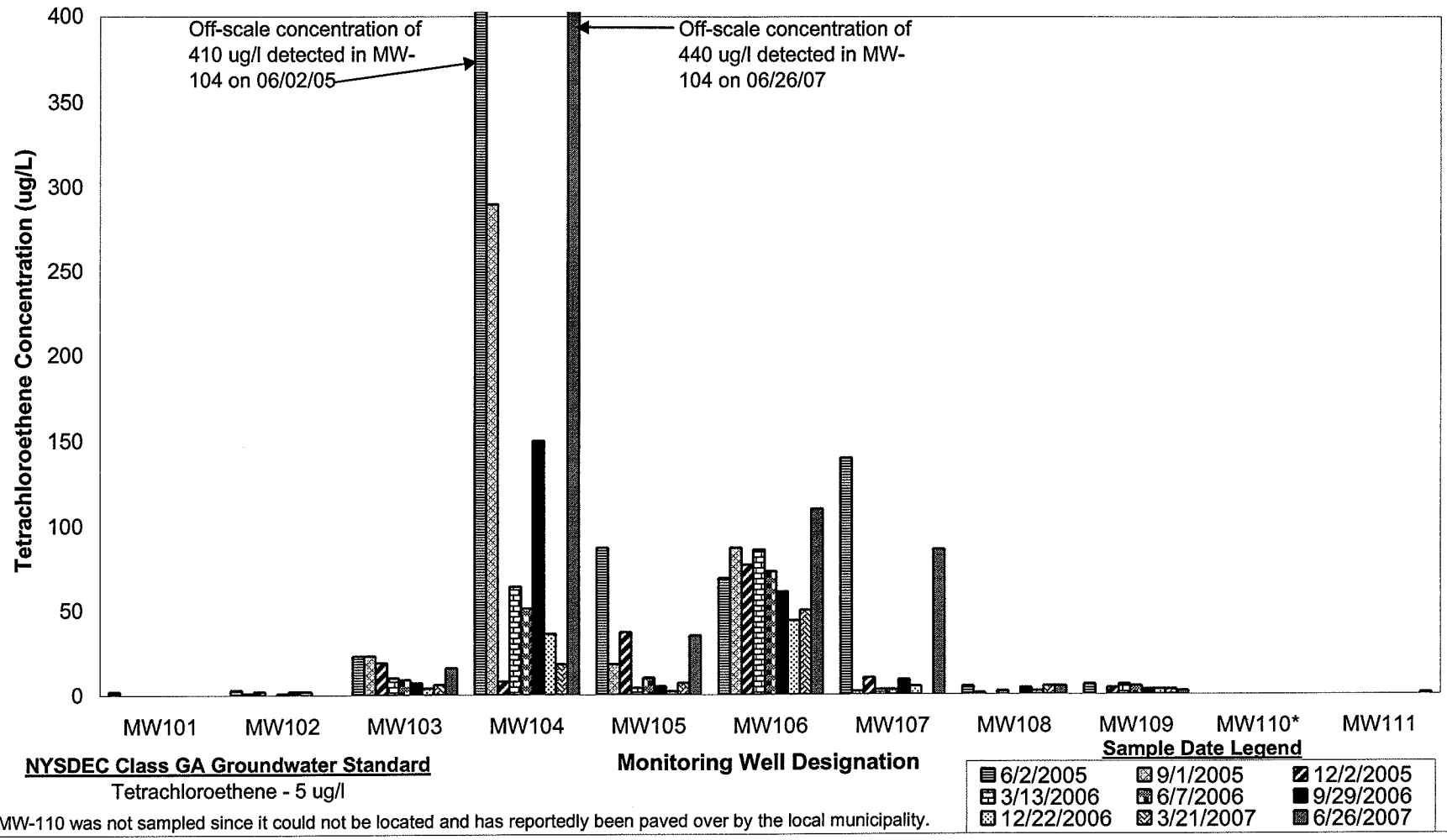
Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - Trichloroethene



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.

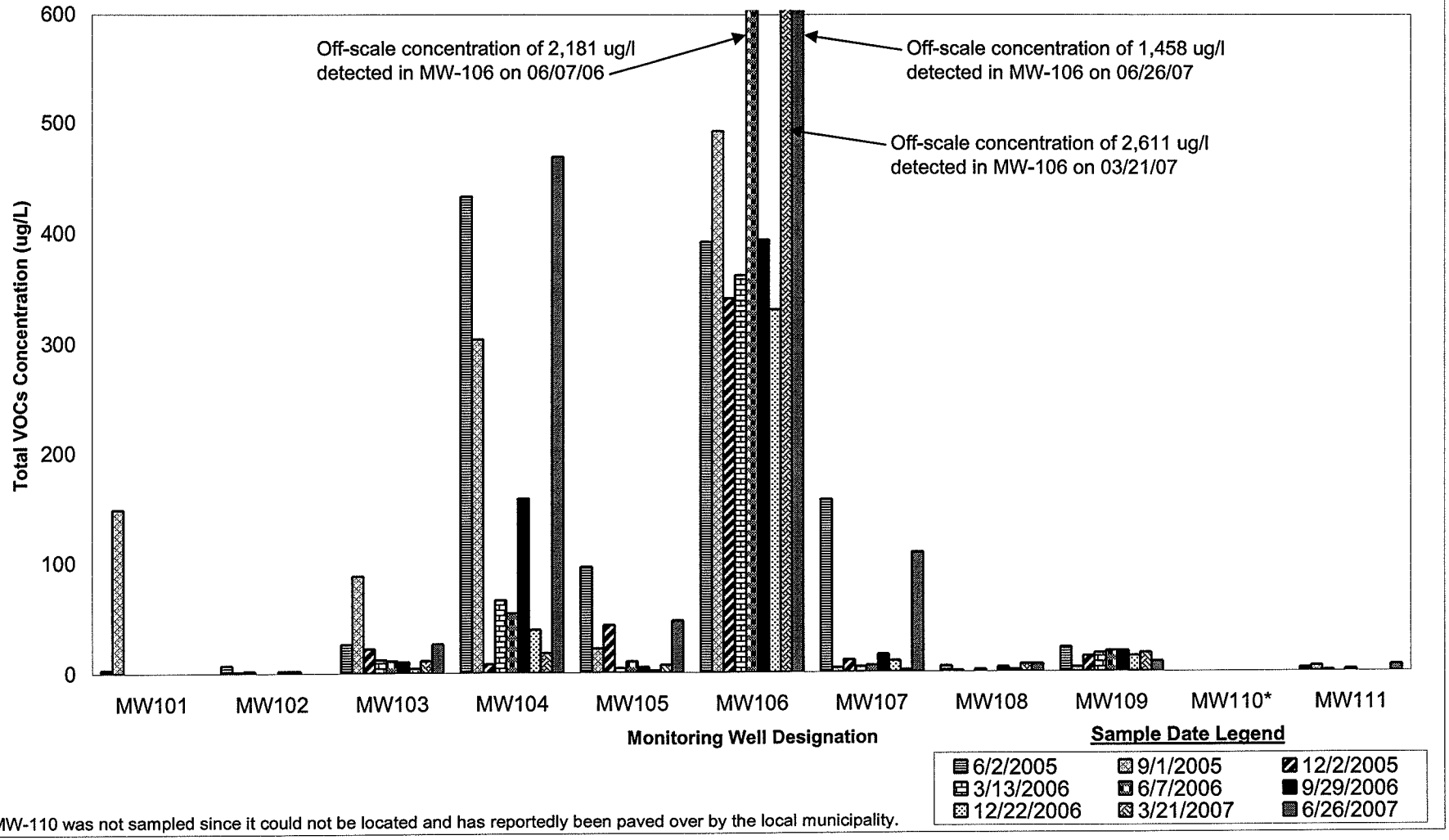
Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - Tetrachloroethene



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 - Total VOCs



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