Dvirka and Bartilucci
CONSULTING ENGINEERS

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March 28, 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. 12
October 1, 2007 through December 31, 2007
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 October 1, 2007 through December 31, 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 49.7 gallons per minute (gpm). 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). As recommended, extraction well pump RW-1 was pulled, inspected and cleaned, and the well was redeveloped to attempt to achieve a higher extraction rate between December 21 and December 28, 2007. A sample was also taken from the sludge attached to the pump and analyzed for bacteria. However, after pump removal and cleaning and redevelopment attempts of the well, it still failed to show an increased extraction rate and the sample taken from the sludge attached to the pump tested positive for *Gallionella ferruginea*, an iron-oxidizing, chemolithotrophic bacterium.

During the well rehabilitation activities, it was observed that the pump bearing assembly had been compromised and parts of the pump exhibited corrosion. 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.

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. Monitoring data in the off-site wells continue to show decreasing concentration trends with concentrations below Class GA groundwater standards.

During this period, approximately 4,211,600 gallons of treated groundwater was discharged to Little Neck Creek, and the groundwater extraction system was inoperative for approximately 686 hours, due to five system alarm conditions and two non-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 October 22 and November 13, 2007. A sample was not collected in December 2007, since the system was not in operation for a majority of the month and a sample collected immediately after system start-up would not be considered a representative sample of the current groundwater conditions. 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 and biannual samples were not collected during this period, due to reasons previously noted. These samples were collected during the January 2008 sampling event.

Sample results are summarized in Attachment D. As can be seen from the influent sample results, COMB-INF total VOCs ranged from a high of 250 micrograms per liter (ug/l) (November 13, 2007) to a low of 247 ug/l (October 22, 2007) 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.

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 were detected below NYSDEC site-specific effluent limits. Approximately 9.40 pounds of total VOCs were removed from the extracted groundwater during the period. 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 October 22 and November 13, 2007. An air sample was not collected in December 2007, due to reasons previously noted, and was collected on January 16, 2008.

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 January 3, 2008. Each well 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. 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 nondetect to 1,547 ug/l. Three on-site monitoring wells (MW-103, MW-104, and MW-106) contained at least one VOC at a concentration above Class GA standards or guidance values. Monitoring well MW-106, located in the southwest corner of the site, contained the greatest concentration of total VOCs (1,547 ug/l), with cis-1,2-DCE, PCE, TCE, vinyl chloride (VC), trans–1,2–dichloroethene and 1,2–dichlorobenzene detected at concentrations exceeding Class GA standards. The total VOC concentrations in monitoring wells MW-103 and MW-104, located near the center and western portions of the site, were 290 ug/l

and 68 ug/l, respectively. The suite of constituents detected were similar to the constituents detected in MW-106, except TCE was not detected, and the ratio of concentrations was similar to MW-106, approximately 1:4. The only VOC detected in MW-103 was PCE, which was detected at 65 ug/l. No VOCs were detected at concentrations above Class GA standards or guidance values in on-site monitoring wells MW-101, MW-102, MW-105, MW-107 or MW-108.

Concentrations of total VOCs detected in off-site monitoring well MW-111 were non-detect. VOCs were detected in off-site monitoring well MW-109; however, all were below applicable Class GA standards or guidance values.

Attachment F includes graphs which summarize historic concentrations of total VOCs, cis-1,2-DCE, PCE, TCE and VC detected in the on-site and off-site monitoring wells. VOCs have primarily been detected above standards in on-site wells MW-104 and MW-106. On-site, historical PCE concentrations have been high and sporadic (between 5 ug/l and 1,660 ug/l) in MW-104 and relatively stable at an average of approximately 90 ug/l in MW-106. Since last quarter, all on-site wells have shown a decrease in PCE concentrations, with the exception of MW-106. Cis-1,2-DCE has been high and sporadic in MW-106, similar to PCE, and the concentration detected in MW–103 was the highest detected since March 2005. Concentrations of TCE show an increasing trend in MW-106, with concentrations between approximately 30 ug/l and 250 ug/l. 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 detected in MW-109, the furthest off-site monitoring well located in the vicinity of RW-2 and MW-111.

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.

- The air data from the October 22, 2007 sampling event has been rejected and should not be utilized for environmental purposes. It appears that the canisters themselves, or

the samples, were contaminated. The results are not comparable to historic results and the same compounds were detected in each sample at similar concentrations.

No other issues 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 49.28 gpm (November 13, 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 49.3% 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.
- Extraction well pump RW-1 showed signs of corrosion and wear when it was pulled on December 21, 2007. This may be a result of the extraction well running dry.
- The results of the sludge samples taken from extraction well RW-1 indicates that iron-oxidizing bacteria is present within 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.
- Three of the eight on-site monitoring wells contain at least one VOC at concentrations up to three orders of magnitude above NYSDEC Class GA groundwater standards.

- Off-site monitoring wells MW-109 and MW-111 did not contain any VOCs at concentrations above Class GA standards and guidance values.

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.
- Due to the conditions of the pump in RW-1 observed in December 2007 during well rehabilitation efforts, it is recommended to remove and replace the extraction well pump, motor and wiring.
- In order to reduce the presence of the bacteria and increase RW-1's pumping rate, it is recommended to chemically clean the well in conjunction with pumping and surging of the well.

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

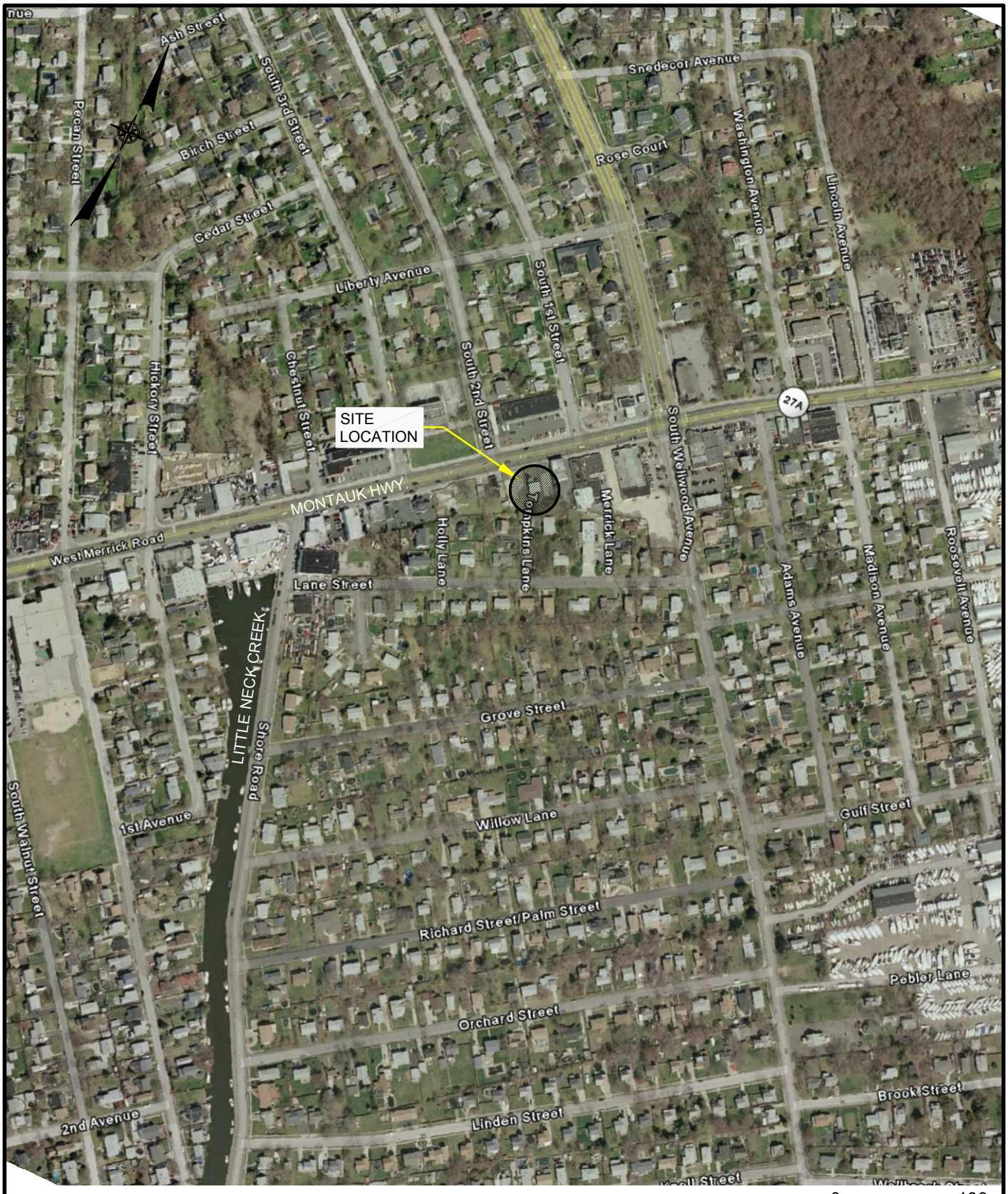
Very truly yours,

Albert H. Jaroszewki
Project Manager

AHJ/PSM/tpg,kap
Attachments
cc: F. DeVita (D&B)
P. Martorano (D&B)
♦2578\AHJ02068PL-QR12(R04)

ATTACHMENT A

FIGURES



SOURCE: GOOGLE EARTH 2005

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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, 2/21/2008 5:11:14 PM, DBCadd

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 CONSULTING ENGINEERS
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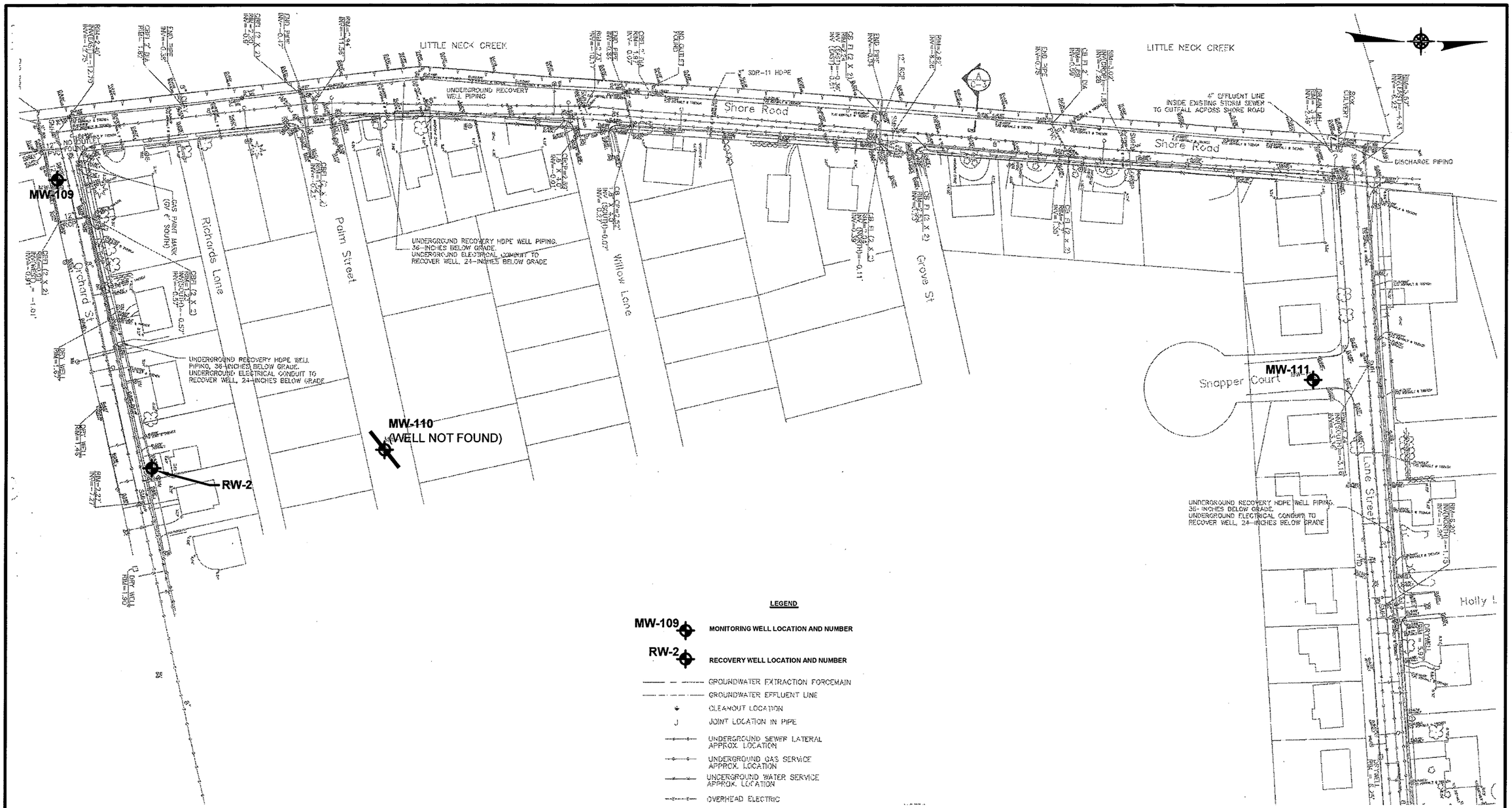
F:\2578\Quarterly Report\FIGURE 2.dwg, FIG 2, 3/28/2008 10:38:27 AM, PMartorano



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

OFF-SITE MONITORING WELL LOCATION MAP

FIGURE 3

Dvirka and Bartilucci CONSULTING ENGINEERS
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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
10/11/07 5:00 PM	10/12/07 8:00 AM	Alarm condition #3 & #8 - High pressure RW-1. Restart system, but panel still indicates a high pressure RW-1.
11/27/07 11:15 AM	11/27/07 3:15 PM	Alarm condition #3 & #8 - High pressure RW-1. Restart system, but panel still indicates a high pressure RW-1.
11/28/07 11:20 AM	11/29/07 8:00 AM	Alarm condition #3 & #8 - High pressure RW-1. Restart system, but panel still indicates a high pressure RW-1.
11/29/07 11:10 AM	11/30/07 8:45 AM	Alarm condition #3 & #8 - High pressure RW-1. Restart system, but panel still indicates a high pressure RW-1.
11/30/07 4:15 PM	12/26/07 11:45 AM	Alarm condition #3 & #8 - High pressure RW-1. (1)Non-routine Maintenance - Extraction well RW-1 redeveloped and pump pulled, inspected and cleaned between 12/21/07 and 12/28/07. Restarted system.
12/27/07 8:00 AM	12/27/07 12:30 PM	(1)Non-routine maintenance - Replacement of 3" ball valve in RW-1 vault.

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: 11/29/07				
Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	President	1615	1715	1

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:

- Re-started building heaters
- Diagnosed RW-1 low level alarm: well appears to be running dry

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 12/4/07

Signature / Print / Date

MAINTENANCE AND INSPECTION REPORT

ACTIVE INDUSTRIAL UNIFORM SITE, LINDENHURST, NY

Date: 12/21/07				
Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	President	0745	1845	12 (incl. trvl.)

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: Non-Routine Maintenance Services: RW-1 surging/pump cleaning

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used
Pressure Gauge	Weksler	AY44-2	2
Bicycle Pump	Blackburn	MTB	1
Pneumatic Groundwater Level Sensing Assembly	Systematic Technologies		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 1/17/08

Signature / Print / Date

MAINTENANCE AND INSPECTION REPORT

ACTIVE INDUSTRIAL UNIFORM SITE, LINDENHURST, NY

Date: 12/27/07

Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	President	0830	1230	5 (incl. trvl.)

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: Replacement of 3" ball valve in RW-1 vault; re-start system; monitor/adjust RW-1 flow-rate

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used
3" Sch. 80 PVC F x F True-Union Ball Valve	Hayward		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 1/17/08

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	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES (ug/L)
SAMPLE TYPE	WATER	WATER	
DATE OF COLLECTION	10/22/2007	11/13/2007	
COLLECTED BY	D&B	D&B	
UNITS	(ug/L)	(ug/L)	
VOCs			
Dichlorodifluoromethane	U	U	5 GV
Chloromethane	U	U	--
Vinyl chloride	2 J	2 J	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	1 J	1 J	10 GV
1,1-Dichloroethane	U	U	5 ST
Vinyl acetate	U	U	--
2-Butanone	U	U	50 GV
cis-1,2-Dichloroethene	**75**	**72**	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	**39**	**35**	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	**130**	**140**	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	247	250	

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
J: Compound found at a concentration below CRDL, value

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	NYSDEC CLASS GA GROUNDWATER STANDARDS (ug/L)
SAMPLE TYPE	WATER	WATER	
DATE OF COLLECTION	10/22/2007	11/13/2007	
COLLECTED BY	D&B	D&B	
UNITS	(ug/L)	(ug/L)	
INORGANIC COMPOUNDS			
Aluminum	9.7 B	13.1 B	--
Antimony	U	U	3
Arsenic	U	U	25
Barium	21.3 B	17.3 B	1,000
Beryllium	U	U	--
Cadmium	U	U	5
Calcium	21,100	21,000	--
Chromium	U	U	--
Cobalt	1.4 B	1.1 B	--
Copper	6.8 B	7.1 B	200
Iron	201	109	300
Lead	1.7 B	2.6 B	25
Magnesium	3,750 B	3,710 B	--
Manganese	**1,140**	**1,190**	300
Mercury	U	0.077 B	0.7
Nickel	2.5 B	0.94 B	100
Potassium	2,820 B	2,850 B	--
Selenium	U	9.8	10
Silver	U	U	50
Sodium	**24,800**	**25,000**	20,000
Thallium	U	7.5 B	--
Vanadium	0.50 B	0.81 B	--
Zinc	53.0	9.5 B	--
Iron and Manganese	**1,341**	**1,299**	500
GENERAL CHEMISTRY			
pH (S.U.)	6.1	6.2	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.

NOTES:
[ ] Concentration exceeds NYSDEC Class GA Groundwater Standards

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	NYSDEC Site Specific Effluent Limitation
SAMPLE TYPE	WATER	WATER	
DATE OF COLLECTION	10/22/2007	11/13/2007	
COLLECTED BY	D&B	D&B	
UNITS	(ug/L)	(ug/L)	
VOCs			(ug/L)
Dichlorodifluoromethane	U	U	NL
Chloromethane	U	U	NL
Vinyl chloride	U	U	10
Bromomethane	U	U	NL
Chloroethane	U	U	NL
Trichlorofluoromethane	U	U	NL
1,1-Dichloroethene	U	U	NL
Acetone	U	U	NL
Iodomethane	U	U	NL
Carbon disulfide	U	U	NL
Methylene chloride	U	U	NL
trans 1,2-Dichloroethene	U	U	10*
Methyl-tert butyl ether	U	U	NL
1,1-Dichloroethane	U	U	NL
Vinyl acetate	U	U	NL
2-Butanone	U	U	NL
cis-1,2-Dichloroethene	U	U	10*
2,2-Dichloropropane	U	U	NL
Bromochloromethane	U	U	NL
Chloroform	U	U	NL
1,1,1-Trichloroethane	U	U	5
1,1-Dichloropropene	U	U	NL
Carbon tetrachloride	U	U	NL
1,2-Dichloroethane	U	U	NL
Benzene	U	U	NL
Trichloroethene	U	2 J	10
1,2-Dichloropropane	U	U	NL
Bromodichloromethane	U	U	NL
cis-1,3-Dichloropropene	U	U	NL
4-Methyl-2-pentanone	U	U	NL
Toluene	U	U	NL
trans-1,3-Dichloropropene	U	U	NL
1,1,2-Trichloroethane	U	U	NL
1,3-Dichloropropane	U	U	NL
Tetrachloroethene	U	4 J	4
2-Hexanone	U	U	NL
Dibromochloromethane	U	U	NL
1,2-Dibromoethane	U	U	NL
Chlorobenzene	U	U	NL
1,1,1,2-Tetrachloroethane	U	U	NL
Ethylbenzene	U	U	NL
Xylene (total)	U	U	5**
Styrene	U	U	NL
Bromoform	U	U	NL
Isopropylbenzene	U	U	NL
1,1,2,2-Tetrachloroethane	U	U	NL
Bromobenzene	U	U	NL
1,2,3-Trichloropropane	U	U	NL
n-Propylbenzene	U	U	NL
2-Chlorotoluene	U	U	NL
1,3,5-Trimethylbenzene	U	U	NL
4-Chlorotoluene	U	U	NL
tert-Butylbenzene	U	U	NL
1,2,4-Trimethylbenzene	U	U	NL
sec-Butylbenzene	U	U	NL
4-Isopropyltoluene	U	U	NL
1,3-Dichlorobenzene	U	U	NL
1,4-Dichlorobenzene	U	U	NL
n-Butylbenzene	U	U	NL
1,2-Dichlorobenzene	U	U	NL
1,2-Dibromo-3-chloropropane	U	U	NL
1,2,4-Trichlorobenzene	U	U	NL
Hexachlorobutadiene	U	U	NL
Naphthalene	U	U	NL
1,2,3-Trichlorobenzene	U	U	NL
Total VOCs	U	6	

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

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

SAMPLE ID	VPCV-INF	VPCV-INF
SAMPLE TYPE	AIR	AIR
DATE OF COLLECTION	10/22/2007	11/13/2007
COLLECTED BY	D&B	D&B
UNITS	(ug/m^3)	(ug/m^3)
VOCs		
1,1,1-Trichloroethane	U	U
1,1,2,2-Tetrachloroethane	U	U
1,1,2-Trichloroethane	U	U
1,1-Dichloroethane	5.3 JR	U
1,1-Dichloroethene	U	U
1,2,4-Trichlorobenzene	U	U
1,2,4-Trimethylbenzene	6.9 JR	U
1,2-Dibromoethane	U	U
1,2-Dichlorobenzene	U	U
1,2-Dichloroethane	5.0 JR	U
1,2-Dichloropropane	U	U
1,3,5-Trimethylbenzene	6.5 JR	U
1,3-Butadiene	U	U
1,3-Dichlorobenzene	U	U
1,4-Dichlorobenzene	9.4 JR	U
1,4-Dioxane	U	U
2,2,4-Trimethylpentane	17 JR	U
4-Ethyltoluene	7.1 JR	U
Acetone	66 R	14 J
Allyl chloride	U	U
Benzene	33 R	U
Benzyl chloride	U	U
Bromodichloromethane	U	U
Bromoform	U	U
Bromomethane	U	U
Carbon dissulfide	3.2 R	U
Carbon tetrachloride	U	U
Chlorobenzene	U	U
Chloroethane	U	U
Chloroform	U	U
Chloromethane	9.7 JR	U
cis-1,2-Dichloroethene	21 R	250
cis-1,3-Dichloropropene	U	U
Cyclohexane	35 R	U
Dibromochloromethane	U	U
Ethyl acetate	U	U
Ethylbenzene	160 R	U
Freon 11	U	U
Freon 113	U	U
Freon 114	U	U
Freon 12	29 R	U
Heptane	47 R	U
Hexachloro-1,3-butadiene	U	U
Hexane	30 R	U
Isopropyl alcohol	U	U
m&p-Xylene	260 R	U
Methyl Butyl Ketone	U	U
Methyl Ethyl Ketone	U	U
Methyl Isobutyl Ketone	U	U
Methyl tert-butyl ether	U	U
Methylene chloride	15 JR	4.7 J
o-Xylene	43 R	U
Propylene	U	U
Styrene	20 JR	U
Tetrachloroethylene	46 R	690
Tetrahydrofuran	U	U
Toluene	500 R	U
trans-1,2-Dichloroethene	U	U
trans-1,3-Dichloropropene	U	U
Trichloroethene	20 JR	120
Vinyl acetate	U	U
Vinyl bromide	U	U
Vinyl chloride	U	6.2 J
Total VOCs	1,395 R	1,085

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
R: Results rejected based on validation criteria.

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

SAMPLE ID	VPCV-MID	VPCV-MID
SAMPLE TYPE	AIR	AIR
DATE OF COLLECTION	10/22/2007	11/13/2007
COLLECTED BY	D&B	D&B
UNITS	(ug/m^3)	(ug/m^3)
VOCs		
1,1,1-Trichloroethane	U	U
1,1,2,2-Tetrachloroethane	U	U
1,1,2-Trichloroethane	U	U
1,1-Dichloroethane	6.2 JR	U
1,1-Dichloroethene	U	U
1,2,4-Trichlorobenzene	U	U
1,2,4-Trimethylbenzene	13 JR	U
1,2-Dibromoethane	U	U
1,2-Dichlorobenzene	U	U
1,2-Dichloroethane	U	U
1,2-Dichloropropane	U	U
1,3,5-Trimethylbenzene	8.2 JR	U
1,3-Butadiene	U	U
1,3-Dichlorobenzene	U	U
1,4-Dichlorobenzene	9.1 JR	U
1,4-Dioxane	U	U
2,2,4-Trimethylpentane	15 JR	U
4-Ethyltoluene	8.2 JR	U
Acetone	73 R	43
Allyl chloride	U	U
Benzene	28 R	U
Benzyl chloride	U	U
Bromodichloromethane	U	U
Bromoform	U	U
Bromomethane	U	U
Carbon dissulfide	4.0 JR	U
Carbon tetrachloride	U	U
Chlorobenzene	U	U
Chloroethane	U	U
Chloroform	U	U
Chloromethane	7.9 JR	13
cis-1,2-Dichloroethene	130 R	480
cis-1,3-Dichloropropene	U	U
Cyclohexane	30 R	U
Dibromochloromethane	U	U
Ethyl acetate	U	U
Ethylbenzene	150 R	4.5 J
Freon 11	U	U
Freon 113	U	U
Freon 114	U	U
Freon 12	23 JR	U
Heptane	42 R	U
Hexachloro-1,3-butadiene	U	U
Hexane	27 R	U
Isopropyl alcohol	U	U
m&p-Xylene	240 R	U
Methyl Butyl Ketone	U	U
Methyl Ethyl Ketone	U	U
Methyl Isobutyl Ketone	U	U
Methyl tert-butyl ether	U	U
Methylene chloride	7.3 JR	U
o-Xylene	41 R	U
Propylene	U	U
Styrene	17 JR	U
Tetrachloroethylene	32 JR	U
Tetrahydrofuran	U	U
Toluene	420 R	4.9 J
trans-1,2-Dichloroethene	U	4.6 J
trans-1,3-Dichloropropene	U	U
Trichloroethene	15 JR	U
Vinyl acetate	U	U
Vinyl bromide	U	U
Vinyl chloride	U	U
Total VOCs	1,347 R	550

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
R: Results rejected based on validation criteria.

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

SAMPLE ID	VPCV-EFF	VPCV-EFF
SAMPLE TYPE	AIR	AIR
DATE OF COLLECTION	10/22/2007	11/13/2007
COLLECTED BY	D&B	D&B
UNITS	(ug/m^3)	(ug/m^3)
VOCs		
1,1,1-Trichloroethane	U	U
1,1,2,2-Tetrachloroethane	U	U
1,1,2-Trichloroethane	U	U
1,1-Dichloroethane	4.2 JR	U
1,1-Dichloroethene	U	U
1,2,4-Trichlorobenzene	U	U
1,2,4-Trimethylbenzene	U	U
1,2-Dibromoethane	U	U
1,2-Dichlorobenzene	U	U
1,2-Dichloroethane	U	U
1,2-Dichloropropane	U	U
1,3,5-Trimethylbenzene	5.3 JR	U
1,3-Butadiene	U	U
1,3-Dichlorobenzene	U	U
1,4-Dichlorobenzene	6.7 JR	U
1,4-Dioxane	U	U
2,2,4-Trimethylpentane	12 JR	U
4-Ethyltoluene	6.0 JR	U
Acetone	150 R	41
Allyl chloride	U	U
Benzene	23 R	U
Benzyl chloride	U	U
Bromodichloromethane	U	U
Bromoform	U	U
Bromomethane	U	U
Carbon dissulfide	23 R	U
Carbon tetrachloride	U	U
Chlorobenzene	U	U
Chloroethane	U	U
Chloroform	U	U
Chloromethane	4.6 JR	U
cis-1,2-Dichloroethene	14 JR	U
cis-1,3-Dichloropropene	U	U
Cyclohexane	23 R	U
Dibromochloromethane	U	U
Ethyl acetate	U	U
Ethylbenzene	120 R	U
Freon 11	U	U
Freon 113	U	U
Freon 114	U	U
Freon 12	23 JR	U
Heptane	32 R	U
Hexachloro-1,3-butadiene	U	U
Hexane	22 R	U
Isopropyl alcohol	U	U
m&p-Xylene	190 R	U
Methyl Butyl Ketone	U	U
Methyl Ethyl Ketone	U	U
Methyl Isobutyl Ketone	U	U
Methyl tert-butyl ether	U	U
Methylene chloride	6.5 JR	U
o-Xylene	33 R	U
Propylene	U	U
Styrene	14 JR	U
Tetrachloroethylene	110 R	7.0 J
Tetrahydrofuran	U	U
Toluene	330 R	U
trans-1,2-Dichloroethene	U	U
trans-1,3-Dichloropropene	U	U
Trichloroethene	29 R	U
Vinyl acetate	U	U
Vinyl bromide	U	U
Vinyl chloride	U	U
Total VOCs	1,181 R	48

ABBREVIATIONS:

ug/m^3 - Micrograms per cubic meter

QUALIFIERS:

U: Compound analyzed for but not detected.
D: Result taken from reanalysis at a secondary
J: Analyte detected at or below quantitation limits
E: Compound exceeded calibration range; value
R: Results rejected based on validation criteria.

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: 10/22/07

Compound Detected [1]	Concentration (ug/m^3)	Flow Rate (ft^3/min)	Emission Rate (lbs/hr)	NYSDEC Required Effluent Limits (lbs/hr)
1,1-Dichloroethane	4.2	1,281	2.0E-05	NL
1,3,5-Trimethylbenzene	5.3	1,281	2.5E-05	NL
1,4-Dichlorobenzene	6.7	1,281	3.2E-05	NL
2,2,4-Trimethylpentane	12	1,281	5.8E-05	NL
4-Ethyltoluene	6.0	1,281	2.9E-05	NL
Acetone	150	1,281	7.2E-04	NL
Benzene	23	1,281	1.1E-04	NL
Carbon dissulfide	23	1,281	1.1E-04	NL
Chloromethane	4.6	1,281	2.2E-05	NL
cis-1,2-Dichloroethene	14	1,281	6.7E-05	3.0E-03
Cyclohexane	23	1,281	1.1E-04	NL
Ethylbenzene	120	1,281	5.8E-04	NL
Freon 12	23	1,281	1.1E-04	NL
Heptane	32	1,281	1.5E-04	NL
Hexane	22	1,281	1.1E-04	NL
m&p-Xylene	190	1,281	9.1E-04	2.0E-03
Methylene chloride	6.5	1,281	3.1E-05	NL
o-Xylene	33	1,281	1.6E-04	NL
Styrene	14	1,281	6.7E-05	NL
Tetrachloroethylene	110	1,281	5.3E-04	7.0E-03
Toluene	330	1,281	1.6E-03	NL
Trichloroethene	29	1,281	1.4E-04	6.0E-03
Total VOCs	1,181.3	1,281	5.7E-03	5.0E-01

Vapor Phase Carbon Vessel Effluent (VPCV-EFF) Sample Collection Date: 11/13/07

Compound Detected [1]	Concentration (ug/m^3)	Flow Rate (ft^3/min)	Emission Rate (lbs/hr)	NYSDEC Required Effluent Limits (lbs/hr)
Acetone	41	1,270	1.5E-04	NL
Tetrachloroethene	7.0	1,270	3.2E-05	7.0E-03
Total VOCs	48	1,270	2.3E-04	5.0E-01

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	MW-105	MW-106	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	1/3/2008	1/3/2008	1/3/2008	1/3/2008	1/3/2008	1/3/2008	1/3/2008	1/3/2008	
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	22	U	U	62	U	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	6	U	U	10	U	U	5 ST
Methyl-tert butyl ether	U	U	U	U	U	U	U	U	10 GV
1,1-Dichloroethane	U	U	1 J	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	240 D	U	1 J	1,000 D	U	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	3 J	2 J	180	U	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	4 J	19	65	2 J	290 D	U	2 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	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	5	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	U	10 GV
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U	U	5 ST
Total VOCs	0	4	290	68	5	1,547	0	2	
GENERAL CHEMISTRY									
pH (S.U.)	6.9	7.1	6.8	6.7	6.7	6.6	6.9	6.5	6 - 9

NOTES:

Concentration exceeds NYSDEC Site Specific Effluent Limitation

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[1]	MW-111						NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES (ug/L)
SAMPLE TYPE	WATER	WATER	WATER						
DATE OF COLLECTION	1/3/2008	--	1/3/2008						
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	2 J		U						10 GV
1,1-Dichloroethane	U		U						5 ST
Vinyl acetate	U		U						--
2-Butanone	U		U						50 GV
cis-1,2-Dichloroethene	2 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 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	2 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	7		0						
GENERAL CHEMISTRY									
pH (S.U.)	6.2		6.2						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	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)

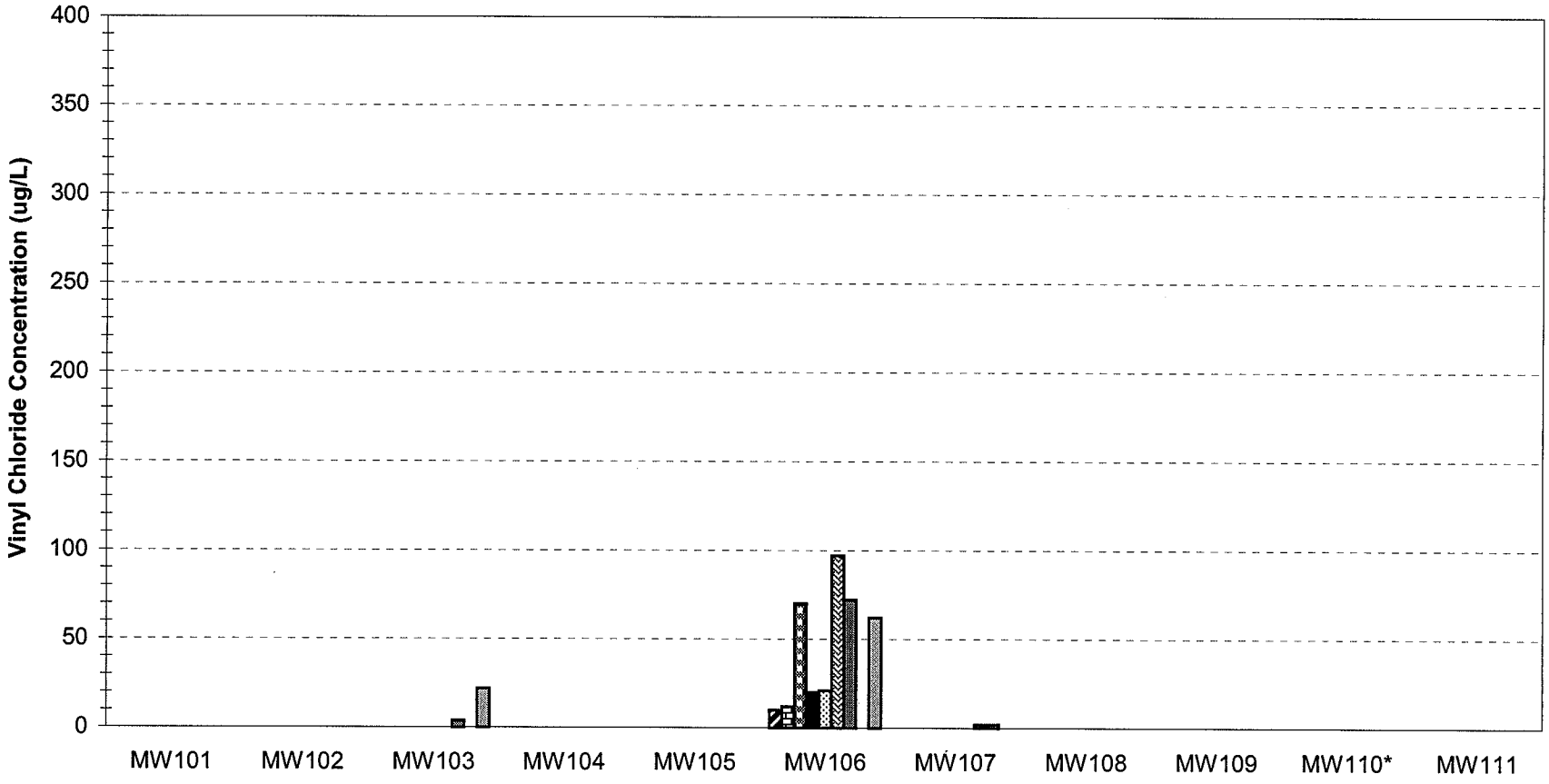
NOTES:
1. Total mass of VOC recovered through December 31, 2004 based on information contained in the Fourth Quarter 2004 Operation and Maintenance Report prepared by Blue Water Environmental Inc.
2. Estimated through the end of the reporting period.
3. Extraction well RW-2 restarted on 7/5/05 @16:20.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

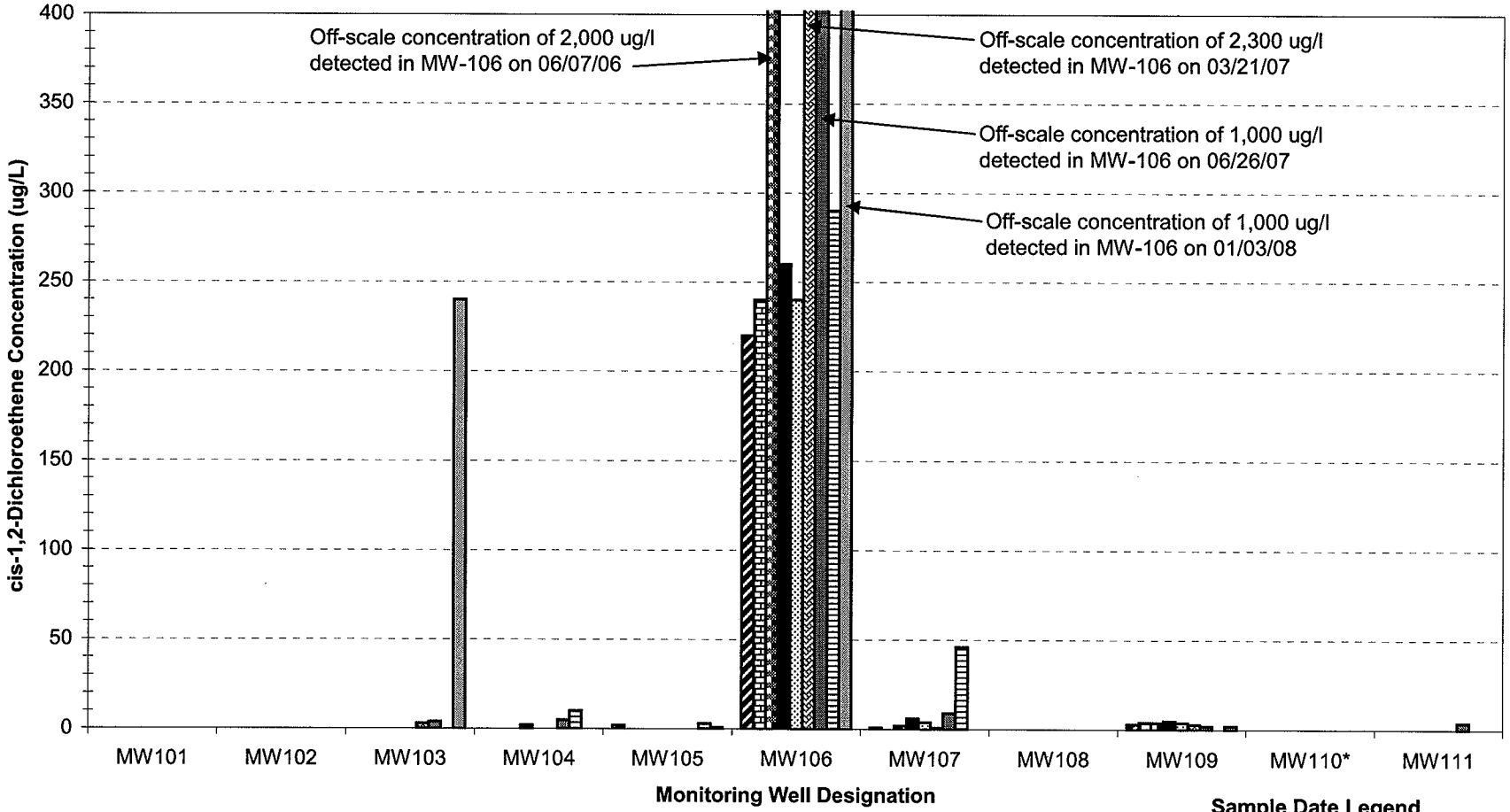
Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - Vinyl Chloride



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.

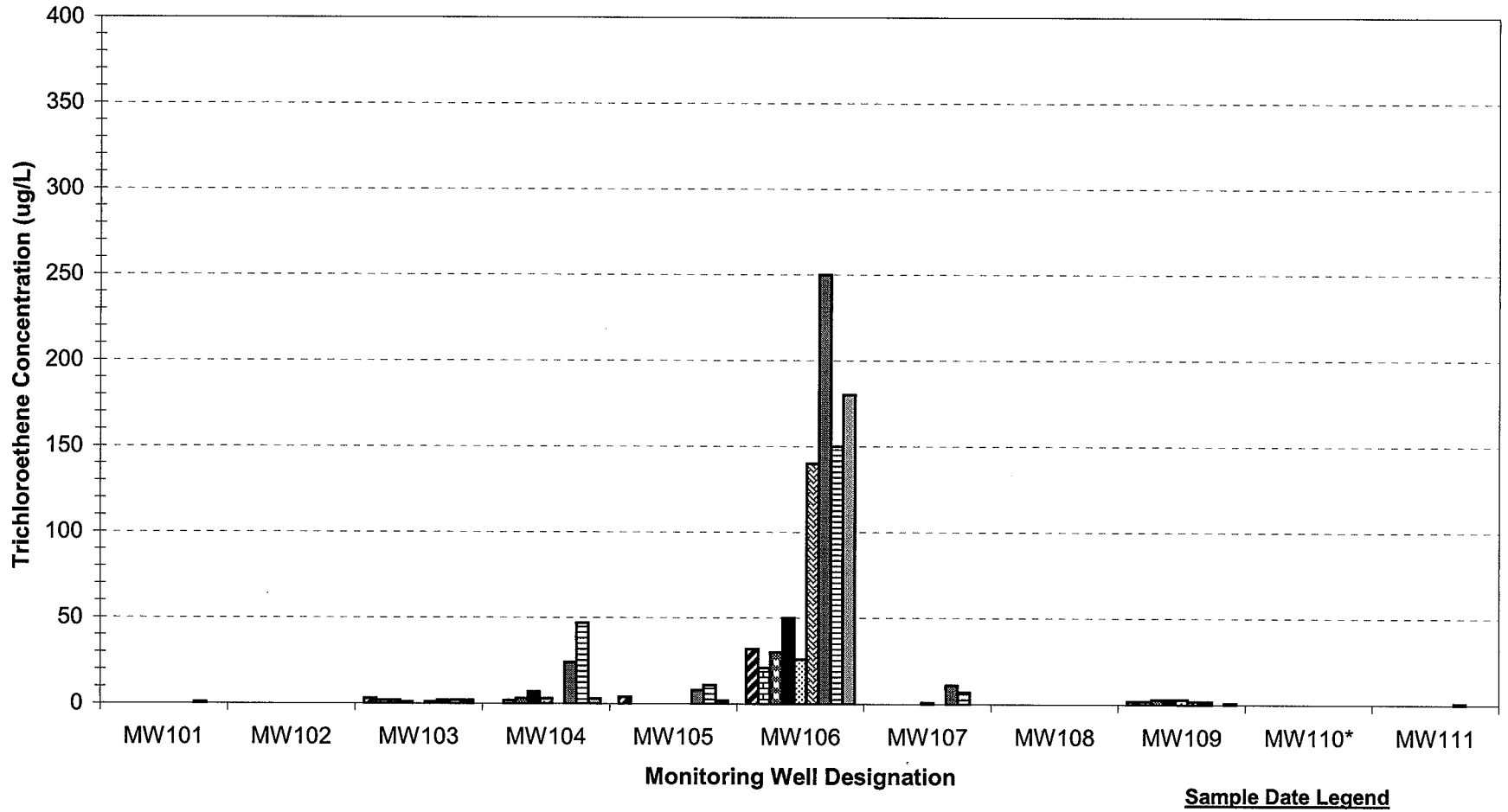
Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - cis-1,2-Dichloroethene



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.

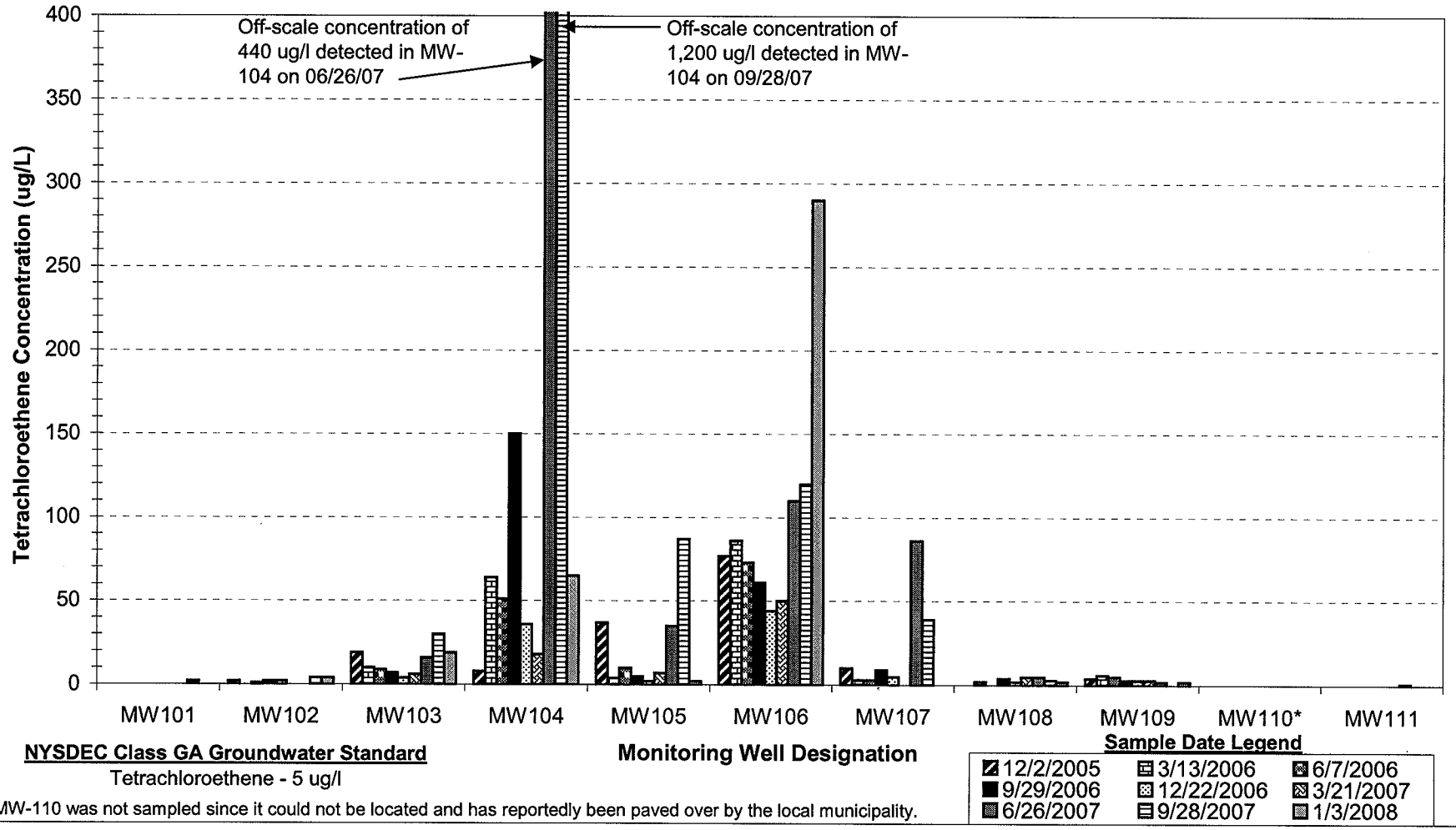
Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - Trichloroethene



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.

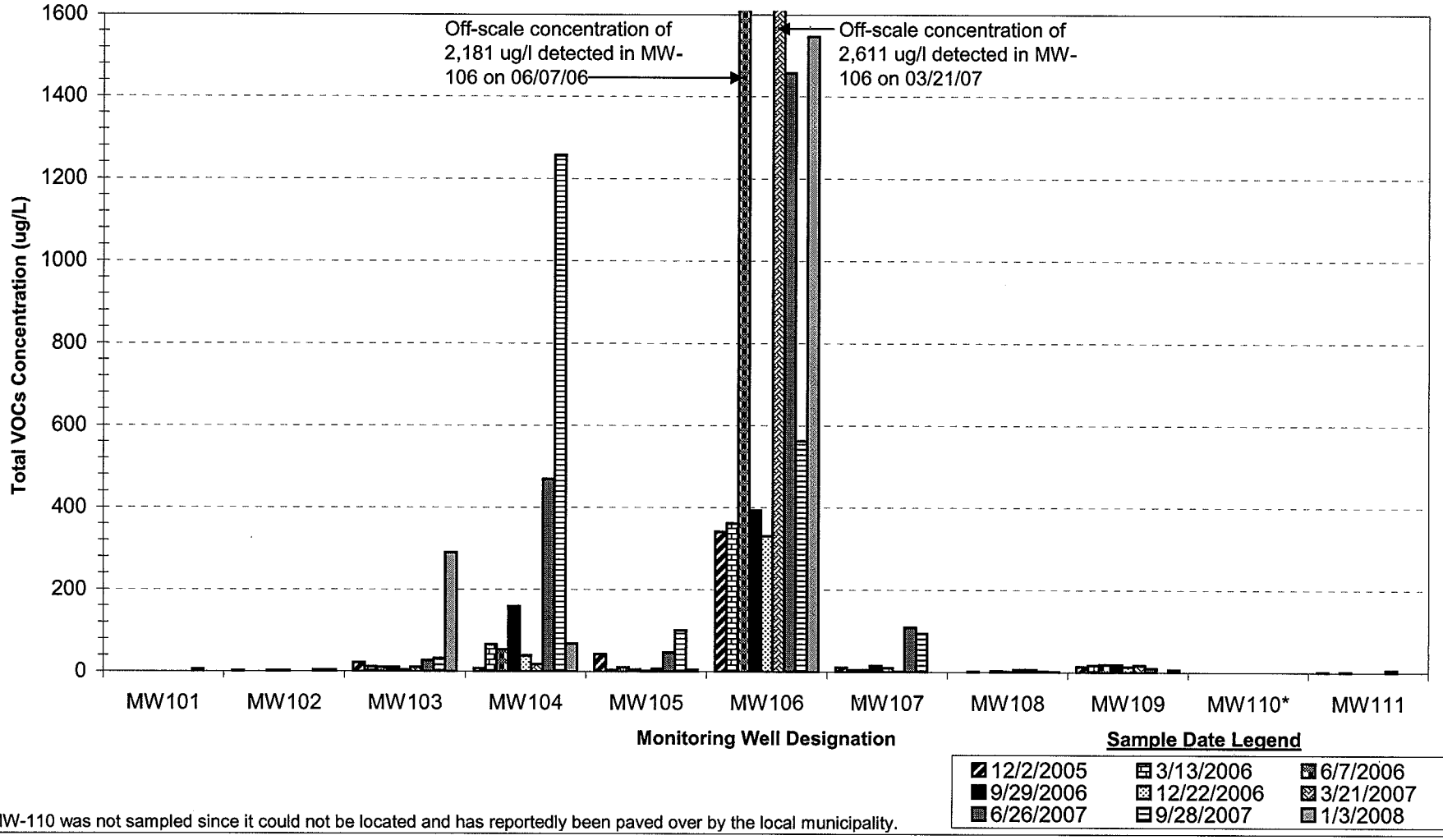
Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - Tetrachloroethene



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.