Dvirka and Bartilucci
CONSULTING ENGINEERS

330 Crossways Park Drive, Woodbury, New York 11797-2015
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July 2, 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. 9 – January 1, 2007 through March 31, 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 January 1, 2007 through March 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 54 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).

During this period, off-site extraction well RW-2 was not in operation due to a failure of the extraction well pump. Under the new maintenance subcontract executed on November 21, 2006, Systematic Technologies, Inc. diagnosed the problem as an electrical fault at RW-2 and found short circuits to the ground in the down-well pump motor/power cable assembly. An evaluation of the current extraction well pump installed within extraction well RW-2 was completed to determine if the current extraction well pump is sufficient. Based on an

evaluation of the headloss for RW-2 and the current as-built condition, it was determined that the pump currently specified for RW-2 is sufficient. A Scope of Work for pulling and replacing the current extraction well pump in-kind is being submitted to the New York State Department of Environmental Conservation (NYSDEC) for review and approval.

Approximately 4,835,900 gallons of treated groundwater was discharged to Little Neck Creek during this period. During this period, the groundwater extraction system was inoperative for approximately 814 hours, due to eight system alarm conditions and routine system maintenance. 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 January 5, 2007, February 6, 2007 and March 16, 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 March 16, 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.

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 405 micrograms per liter (ug/l) (January 5, 2006) to a low of 244 ug/l (February 26, 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, metals and pH were detected below NYSDEC site-specific effluent limits. Approximately 9.9 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 January 5, 2007, February 26, 2007 and March 16, 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, with the exception of the cis-1,2-DCE and TCE results on January 5, 2007 and the TCE and PCE results on February 26, 2007. The emission rate calculated for cis-1,2-DCE for the discharge samples collected on January 05, 2007 was 0.0033 lb/hr, exceeding the NYSDEC site-specific effluent limit of 0.003 lb/hr. The emission rates calculated for TCE for the discharge sample collected on January 5, 2007 and February 26, 2007 were 0.0091 lb/hr and 0.01 lb/hr, respectively, exceeding the NYSDEC site-specific effluent limit of 0.006 lb/hr. The emission rate calculated for PCE for the discharge sample collected on February 26, 2007 was 0.05 lb/hr, exceeding the NYSDEC site-specific effluent limit of 0.007 lb/hr. The system was not shut down after either sampling event due to the fact that the total VOC effluent rate was less than 0.5 lb/hr, the guidance value that has been used by the NYSDEC.

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 March 21, 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 2,611 ug/l. Four on-site monitoring wells (MW-103 through MW-106) 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, MW-107 or MW-108.

Concentrations of total VOCs detected in off-site monitoring wells MW-109 and MW-111 were 17 ug/l and non-detect, 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 140 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. Offsite, low concentrations of these compounds below groundwater standards have historically been present in MW-109, the furthest offsite 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.

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.

- COMB-INF sample collected on February 26, 2007, required reanalysis at secondary dilution due to the concentration of PCE exceeding the instrument calibration range. The PCE result has been taken from the diluted analyses and is flagged "D" on the data summary tables.

- Several of the air samples were analyzed at additional dilutions so that target compound concentrations would be within the instrument calibration range. The results taken from the diluted analysis are qualified "D" on the data summary tables.

- All three air samples, VPCV-INF, VPCV-MID and VPCV-EFF, collected on January 5, 2007, were analyzed at a 1:20 dilution with all the results for cis-1,2-DCE, PCE and TCE exceeding the instrument calibration range. The samples were not reanalyzed and the results are flagged "E" on the data summary tables.

- Naphthalene and 1,2,3-Trichlorobenzene results for sample MW-109 have been qualified as non-detect due to laboratory contamination. That is the method blank associated with the sample also contained these compounds at the same concentration as the sample. The results have been flagged "U*" on the data summary tables.

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 52.4 gpm (March 16, 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 52.4% 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 with the exception of cis-1,2-DCE , TCE and PCE.

- Four 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.

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 recurring exceedance of cis-1,2-DCE in the effluent air stream and recently, the exceedance of TCE and PCE in the effluent air stream, it had been recommended that the carbon vessels be changed-out and the task is scheduled.

- 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. Based on this evaluation, it has been determined that the pump currently specified for RW-2 is sufficient. A Scope of Work for pulling and replacing the current extraction well pump in-kind is being submitted to the NYSDEC for review and approval.

- 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/PSMt/lb
Attachments
cc: F. DeVita (D&B)
P. Martorano (D&B)
♦2578\AHJ05157PL-QTR RPT#9LTR(R07)

ATTACHMENT A

FIGURES

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

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.

GRAVEL SURFACE
8' WIDE CONCRETE WALK
UTILITY POLE
F-8620
METER AND BREAKER
(TEMPORARY OFFICE TRAILER
ELECTRICAL SERVICE)
APPROXIMATE LIMITS OF
LIMITED EXCAVATION
PERFORMED IN
NOVEMBER 2000
MW-101
MW-102
SIDEWALK
GUY WIRES SUPPORTING
AIR STRIPPING TOWERS
VAPOR PHASE
GRANULAR ACTIVATED
CARBON VESSEL
CONCRETE PAD
MW-103
EXISTING CONCRETE SURFACE
AIR STRIPPING
TOWERS
UNDERGROUND FEEDER
ELECTRIC SERVICE
CONNECTION ON BUILDING
TREATMENT FACILITY
(32' x 26')
EXISTING CONCRETE
SURFACE
FENCE LINE
MW-104
LIMIT OF
ASPHALT
MW-105
NEW ASPHALT
SURFACE
BENCH MARK
SQ. CUT SW COR
CONC. PAD
ELEV.=10.65
EXISTING POWER POLE
DRIVEWAY
APPROXIMATE LIMITS OF LIMITED
EXCAVATION PERFORMED IN
NOVEMBER 2000
HDPE EXTRACTION PIPING
AND ELECTRICAL CONDUIT
MW-106
EXISTING GRAVEL
SURFACE
MW-107
RW-1
EXISTING
GRAVEL
SURFACE
MW-108
HDPE EXTRACTION PIPING
AND ELECTRICAL CONDUIT
FROM RW-2
LANE

LEGEND

- MW-101 — MONITORING WELL LOCATION AND NUMBER, TYPICAL.
- RW-1 — RECOVERY WELL LOCATION AND NUMBER
- GR — GROUND ELEVATION
- TOP — TOP OF PVC PIPE ELEVATION
- UNDERGROUND SEWER LATERAL APPROX. LOCATION
- UNDERGROUND GAS SERVICE APPROX. LOCATION
- UNDERGROUND ELECTRICAL FEEDER
- UNDERGROUND WATER SERVICE APPROX. LOCATION
- OVERHEAD ELECTRIC
- UNDERGROUND TELEPHONE LINE APPROX. LOCATION
- PROPERTY LINE
- UTILITY POLE
- CATCH BASIN
- WV — WATER VALVE
- WM — WATER METER
- HYD — HYDRANT
- SMH — SANITARY SEWER MANHOLE
- GV — GAS VALVE
- GROUNDWATER EXTRACTION FORCEMAIN
- GROUNDWATER EFFLUENT LINE
- LIMITED EXCAVATION AREA
- DRYWELL LEFT IN PLACE (APPROXIMATE LOCATION SHOWN)

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 WELL LOCATION MAP

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

FIGURE 2

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
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

OFF-SITE MONITORING WELL LOCATION MAP

FIGURE 3

F:\23074Active 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
1/3/07 2:20 PM	1/4/07 6:40 PM	Alarm condition #5 and #8 - High level air stripper sump/ Low flow RW-1. Purge both air strippers, press reset - no action. Sump pit full due to leaking pipes. Purge sump pit and restarted system.
1/9/07 2:30 PM	1/10/07 4:00 PM	Alarm condition #3 - High sump pit level. Sump pit filled with water from leaking plumbing (backflow valve). Turned off water and purged sump pit. Restarted system.
1/24/07 8:20 AM	1/24/07 3:48 PM	(1)Solids filtration change-out and transfer pump maintenance. Sump pit high level bypassed due to malfunctioning pump. Restarted system.
1/26/07 1:30 AM	1/28/07 1:00 PM	Alarm condition #3 and #5 - High level air stripper sump. Purge air stripper sump #1. Air stripper sump #2 will not purge and is reading either 0 or 120 inches and high transfer pump pressure. Possible frozen pipe. Wait for ambient air temperature to rise above freezing and restarted system.
2/5/07 2:40 AM	2/21/07 4:00 PM	Alarm condition #3 and #5 - High level air stripper sump. Both air stripper sump frozen and must wait for ambient air temperature to rise. Attempt to restart on both 2/5 and 2/6 - failed. System restarted on 2/21.
3/6/07 7:40 AM	3/9/07 9:20 PM	Alarm condition #3 and #5 - High level air stripper sump/ high pressure transfer pump #2 alarm. Both air stripper sump frozen and must wait for ambient air temperature to rise. Transfer pumps 1&2 VFDs not grounded properly. New ground cables installed. Restarted system.
3/21/07 7:55 AM	3/22/07 4:10 PM	Alarm condition #3 - High level air stripper sump #2 and high level sump pit. Air strippers and sump pit purged. Restarted system.
3/24/07 2:15 PM	3/27/07 6:00 PM	Alarm condition # 3 & 5 - High level air stripper sump. Purge both air stripper sumps and attempt restart. System went into general alarm with a high level air stripper sump #2 light. System unresponsive. Float in air stripper #2 broken. Float repaired. (1)Blower Maintenance - Performed routine blower maintenance and restarted system once maintenance was completed.
3/27/07 6:00 PM	4/1/07 12:00 AM	System did not call out on 3/27 and was down for the remainder of the quarter. Approximate shut-off date/time for system based on total flow and downtime from 3/16/07 through 4/20/07.

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: 1/24/07				
Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
Luke Sorensen	President	0800	1400	8

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.) Solids filter maintenance.
2.) Transfer pump maintenance.
3.) Non-routine maintenance: a.) Picked up replacement reduced pressure zone (RPZ) valve in Medford, picked up replacement transfer pump companion flange gaskets in Holbrook (2.5 hours, round-trip); b.) Replaced RPZ valve (1 hour).

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used
Grease	ExxonMobil	Mobilith SHC 100	Not measurable
Solids filter elements	Harmsco	931-10	25
2" Companion flange gasket	Jones-Stevens	Unknown	1
3" Companion flange gasket	Jones-Stevens	Unknown	1
1" RPZ valve	Wilkins	975XL	1
Description of Waste Generated	Volume of Waste	Disposal Facility (Name & Address)	Waste Transporter (Name & Address)
Spent solids filter media (remains on site, will be picked up week of 1/28/07)	1 DOT 17H drum (AKA 55 gallon drum)	Trans: AHMM, 303 Middle Country Road, Middle Island, NY 11953 Disp: MDWPT, 49350 I-94 Service Drive, Belleville, Michigan 48111	

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 1/24/07

Signature / Print / Date

BLACKMAN®

website: www.blackman.com

SALES ORDER
1771547 R
PICK TICKET
C.O.D.

TIME: 12:06:38
DATE: 1/24/07

SHIPPED FROM * * * * * C.O.D. * * * * *
BLACKMAN PLBG SPLY CO INC
2700 ROUTE 112
MEDFORD, NY 11763

Phone # 631 475 3170

JAN 24 2007

SOLD TO	SHIP TO	SPECIAL INSTRUCTIONS
631-475-3170 SYSTEMATIC TECH Blackman Medford Corp. 2700 Route 112 MEDFORD NY 11763	2700 ROUTE 112 MEDFORD NY 11763	WILL CALL

WRITTEN BY	DATE OF ORDER	ACCOUNT NO.	JOB NAME	JOB NUMBER	CUSTOMER'S ORDER NO.	SLMN	SHIPPED VIA	FREIGHT	PAGE NO
SMO	1/24/07	005172			CASH	HSE			1

LINE NO	LOCATION	QUANTITY ORDERED	QUANTITY SHIPPED	QUANTITY BACK ORD	DESCRIPTION	UNIT PRICE	AMOUNT
001	PB 060	1	1	0	WILKINS 1" 975XL RPZ W/BV		

LENGTHS					COILS	VALVES	BAGS	BUNDLES	CARTONS	CRATES	PIECES
STEEL	COPPER	BRASS	PLASTIC	SOIL							

ORDER FILLED BY	ORDER CHECKED BY	MATERIAL RECEIVED IN GOOD CONDITION PURSUANT TO TERMS OF SALE ON REVERSE (Signature)
		X
		PRINT NAME HERE / FIRM NAME

THANK YOU FOR YOUR ORDER

ANY CLAIMS FOR SHORTAGES MUST BE MADE WITHIN 48 HOURS. RETURNS MUST HAVE PRIOR CONSENT. ALL RETURNS SUBJECT TO REHANDLING AND RESTOCKING CHARGES.

FORM BB-202 (REV. 8/05)

1771547 ORIG

CUSTOMER'S COPY

MAINTENANCE AND INSPECTION REPORT

ACTIVE INDUSTRIAL UNIFORM SITE, LINDENHURST, NY

Date: 3/9/07				
Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	Technician	1615	2145	5.5

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:

Non-Routine Maintenance, One Technician: Diagnosed electrical interference issue with PLC; inspected AS-2 discharge; primed transfer pumps; re-started system.

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 3/31/07

Signature / Print / Date

MAINTENANCE AND INSPECTION REPORT

ACTIVE INDUSTRIAL UNIFORM SITE, LINDENHURST, NY

Date: 3/27/07				
Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	Technician	1600	1815	2.25

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.) Pressure blower maintenance;
2.) Non-Routine Maintenance, One Technician: Diagnosed inoperable float switch in AS-2, replaced with that from acid recirculation tank; re-started system.

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used
Bearing Grease	Mobil	Mobilith SHC 100	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 3/31/07

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	COMB INF	COMB INF	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES (ug/L)
SAMPLE TYPE	WATER	WATER	WATER	
DATE OF COLLECTION	1/5/2007	2/26/2007	3/16/2007	
COLLECTED BY	D&B	D&B	D&B	
UNITS	(ug/L)	(ug/L)	(ug/L)	
VOCs				
Dichlorodifluoromethane	U	U	U	5 GV
Chloromethane	U	U	U	--
Vinyl chloride	U	U	U	2 ST
Bromomethane	U	U	U	5 ST
Chloroethane	U	U	U	5 ST
Trichlorofluoromethane	U	U	U	5 ST
1,1-Dichloroethene	U	U	U	5 ST
Acetone	U	U	U	50 GV
Iodomethane	U	U	U	--
Carbon disulfide	U	U	U	60 GV
Methylene chloride	U	U	U	5 ST
trans 1,2-Dichloroethene	U	U	U	5 ST
Methyl-tert butyl ether	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	5 ST
Vinyl acetate	U	U	U	--
2-Butanone	U	U	U	50 GV
cis-1,2-Dichloroethene	68	48	51	5 ST
2,2-Dichloropropane	U	U	U	5 ST
Bromochloromethane	U	U	U	5 ST
Chloroform	U	U	U	7 ST
1,1,1-Trichloroethane	U	U	U	5 ST
1,1-Dichloropropene	U	U	U	5 ST
Carbon tetrachloride	U	U	U	5 ST
1,2-Dichloroethane	U	U	U	0.6 ST
Benzene	U	U	U	1 ST
Trichloroethene	57	46	50	5 ST
1,2-Dichloropropane	U	U	U	1 ST
Bromodichloromethane	U	U	U	5 ST
cis-1,3-Dichloropropene	U	U	U	0.4 ST
4-Methyl-2-pentanone	U	U	U	--
Toluene	U	U	U	5 ST
trans-1,3-Dichloropropene	U	U	U	0.4 ST
1,1,2-Trichloroethane	U	U	U	1 ST
1,3-Dichloropropane	U	U	U	5 ST
Tetrachloroethene	280	150 D	180	5 ST
2-Hexanone	U	U	U	50 GV
Dibromochloromethane	U	U	U	50 GV
1,2-Dibromoethane	U	U	U	5 ST
Chlorobenzene	U	U	U	5 ST
1,1,1,2-Tetrachloroethane	U	U	U	5 ST
Ethylbenzene	U	U	U	5 ST
Xylene (total)	U	U	U	5 ST
Styrene	U	U	U	5 ST
Bromoform	U	U	U	50 GV
Isopropylbenzene	U	U	U	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	5 ST
Bromobenzene	U	U	U	5 ST
1,2,3-Trichloropropane	U	U	U	0.04 ST
n-Propylbenzene	U	U	U	5 ST
2-Chlorotoluene	U	U	U	5 ST
1,3,5-Trimethylbenzene	U	U	U	5 ST
4-Chlorotoluene	U	U	U	5 ST
tert-Butylbenzene	U	U	U	5 ST
1,2,4-Trimethylbenzene	U	U	U	5 ST
sec-Butylbenzene	U	U	U	5 ST
4-Isopropyltoluene	U	U	U	5 ST
1,3-Dichlorobenzene	U	U	U	3 ST
1,4-Dichlorobenzene	U	U	U	3 ST
n-Butylbenzene	U	U	U	5 ST
1,2-Dichlorobenzene	U	U	U	3 ST
1,2-Dibromo-3-chloropropane	U	U	U	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	5 ST
Hexachlorobutadiene	U	U	U	0.5 ST
Naphthalene	U	U	U	10 GV
1,2,3-Trichlorobenzene	U	U	U	5 ST
Total VOCs	405	244	281	

NOTES:

Concentration exceeds NYSDEC Class GA Groundwater Standards or Guidance Values

ABBREVIATIONS:

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

QUALIFIERS:

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated
D: Result taken from reanalysis at a secondary dilution

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

SAMPLE ID	COMB INF	COMB INF	COMB INF
SAMPLE TYPE	WATER	WATER	WATER
DATE OF COLLECTION	1/5/2007	2/26/2007	3/16/2007
COLLECTED BY	D&B	D&B	D&B
UNITS	(ug/L)	(ug/L)	(ug/L)
INORGANIC COMPOUNDS			
Aluminum	38 B	U	9.5 B
Antimony	U	U	U
Arsenic	U	U	U
Barium	18.3 B	23.7 B	19.1 B
Beryllium	U	U	U
Cadmium	U	0.18 B	U
Calcium	20,700	22,100	22,000
Chromium	U	U	U
Cobalt	0.89 B	U	0.45 B
Copper	6.3 B	10.0 B	4.8 B
Iron	74.9 B	42.4 B	55.3 B
Lead	U	U	U
Magnesium	3,590 B	3,980 B	3,960 B
Manganese	1,250	1,330	1,360
Mercury	U	U	U
Nickel	U	U	U
Potassium	2,850 B	2,840 B	2,860 B
Selenium	U	U	U
Silver	U	U	U
Sodium	24,100	24,900	25,100
Thallium	3.0 B	3.8 B	U
Vanadium	0.83 B	U	U
Zinc	35.4	40.0	33.0
GENERAL CHEMISTRY			
pH (S.U.)	6.0	6.0	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	3/16/2007	
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	COMB EFF	COMB EFF	NYSDEC Site Specific Effluent Limitation
SAMPLE TYPE	WATER	WATER	WATER	
DATE OF COLLECTION	1/5/2007	2/26/2007	3/16/2007	
COLLECTED BY	D&B	D&B	D&B	
UNITS	(ug/L)	(ug/L)	(ug/L)	
VOCs				(ug/L)
Dichlorodifluoromethane	U	U	U	NL
Chloromethane	U	U	U	NL
Vinyl chloride	U	U	U	10
Bromomethane	U	U	U	NL
Chloroethane	U	U	U	NL
Trichlorofluoromethane	U	U	U	NL
1,1-Dichloroethene	U	U	U	NL
Acetone	U	U	U	NL
Iodomethane	U	U	U	NL
Carbon disulfide	U	U	U	NL
Methylene chloride	U	U	U	NL
trans 1,2-Dichloroethene	U	U	U	10*
Methyl-tert butyl ether	U	U	U	NL
1,1-Dichloroethane	U	U	U	NL
Vinyl acetate	U	U	U	NL
2-Butanone	U	U	U	NL
cis-1,2-Dichloroethene	U	U	U	10*
2,2-Dichloropropane	U	U	U	NL
Bromochloromethane	U	U	U	NL
Chloroform	U	U	U	NL
1,1,1-Trichloroethane	U	U	U	5
1,1-Dichloropropene	U	U	U	NL
Carbon tetrachloride	U	U	U	NL
1,2-Dichloroethane	U	U	U	NL
Benzene	U	U	U	NL
Trichloroethene	U	U	U	10
1,2-Dichloropropane	U	U	U	NL
Bromodichloromethane	U	U	U	NL
cis-1,3-Dichloropropene	U	U	U	NL
4-Methyl-2-pentanone	U	U	U	NL
Toluene	U	U	U	NL
trans-1,3-Dichloropropene	U	U	U	NL
1,1,2-Trichloroethane	U	U	U	NL
1,3-Dichloropropane	U	U	U	NL
Tetrachloroethene	U	U	U	4
2-Hexanone	U	U	U	NL
Dibromochloromethane	U	U	U	NL
1,2-Dibromoethane	U	U	U	NL
Chlorobenzene	U	U	U	NL
1,1,1,2-Tetrachloroethane	U	U	U	NL
Ethylbenzene	U	U	U	NL
Xylene (total)	U	U	U	5**
Styrene	U	U	U	NL
Bromoform	U	U	U	NL
Isopropylbenzene	U	U	U	NL
1,1,2,2-Tetrachloroethane	U	U	U	NL
Bromobenzene	U	U	U	NL
1,2,3-Trichloropropane	U	U	U	NL
n-Propylbenzene	U	U	U	NL
2-Chlorotoluene	U	U	U	NL
1,3,5-Trimethylbenzene	U	U	U	NL
4-Chlorotoluene	U	U	U	NL
tert-Butylbenzene	U	U	U	NL
1,2,4-Trimethylbenzene	U	U	U	NL
sec-Butylbenzene	U	U	U	NL
4-Isopropyltoluene	U	U	U	NL
1,3-Dichlorobenzene	U	U	U	NL
1,4-Dichlorobenzene	U	U	U	NL
n-Butylbenzene	U	U	U	NL
1,2-Dichlorobenzene	U	U	U	NL
1,2-Dibromo-3-chloropropane	U	U	U	NL
1,2,4-Trichlorobenzene	U	U	U	NL
Hexachlorobutadiene	U	U	U	NL
Naphthalene	U	U	U	NL
1,2,3-Trichlorobenzene	U	U	U	NL
Total VOCs	U	U	U	

NOTES:

Concentration exceeds NYSDEC Site Specific Effluent Limitation

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

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

ABBREVIATIONS

ug/L = Micrograms per liter

NL - No limit specified

QUALIFIERS:

U: Compound analyzed for but not detected

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	3/16/2007	
COLLECTED BY	D&B	
UNITS	(ug/L)	
INORGANIC COMPOUNDS		(ug/L)
Aluminum	12.4 B	4,000
Antimony	U	NL
Arsenic	U	140
Barium	12.1 B	NL
Beryllium	U	NL
Cadmium	U	30
Calcium	22,800	NL
Chromium	U	NL
Cobalt	U	NL
Copper	6.6 B	38
Iron	49.8 B	4,000
Lead	1.2 B	NL
Magnesium	4,130 B	NL
Manganese	680	2,000
Mercury	U	NL
Nickel	U	65
Potassium	2,990 B	NL
Selenium	U	NL
Silver	U	9
Sodium	26,200	NL
Thallium	U	NL
Vanadium	U	NL
Zinc	26.5	370
GENERAL CHEMISTRY		
pH (S.U.)	6.1	6 - 9

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

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

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

SAMPLE ID	VPCV-INF[1]	VPCV-INF	VPCV-INF
SAMPLE TYPE	AIR	AIR	AIR
DATE OF COLLECTION	1/5/2007	2/26/2007	3/16/2007
COLLECTED BY	D&B	D&B	D&B
UNITS	(ug/m^3)	(ug/m^3)	(ug/m^3)
VOCs			
1,1,1-Trichloroethane	U	0.83	U
1,1,2,2-Tetrachloroethane	U	U	U
1,1,2-Trichloroethane	U	U	U
1,1-Dichloroethane	U	0.82	U
1,1-Dichloroethene	U	0.77	U
1,2,4-Trichlorobenzene	U	U	U
1,2,4-Trimethylbenzene	U	U	U
1,2-Dibromoethane	U	U	U
1,2-Dichlorobenzene	U	U	U
1,2-Dichloroethane	U	U	U
1,2-Dichloropropane	U	U	U
1,3,5-Trimethylbenzene	U	U	U
1,3-Butadiene	U	U	U
1,3-Dichlorobenzene	U	U	U
1,4-Dichlorobenzene	U	0.67 J	U
1,4-Dioxane	U	U	U
2,2,4-Trimethylpentane	U	U	U
4-Ethyltoluene	U	U	U
Acetone	U	1.6	66
Allyl chloride	U	U	U
Benzene	U	1.2	U
Benzyl chloride	U	U	U
Bromodichloromethane	U	U	U
Bromoform	U	U	U
Bromomethane	U	U	U
Carbon dissulfide	U	U	U
Carbon tetrachloride	U	U	U
Chlorobenzene	U	U	U
Chloroethane	U	U	U
Chloroform	U	U	U
Chloromethane	U	0.48	U
cis-1,2-Dichloroethene	340 E	320 D	250
cis-1,3-Dichloropropene	U	U	U
Cyclohexane	U	U	U
Dibromochloromethane	U	U	U
Ethyl acetate	U	U	U
Ethylbenzene	U	U	U
Freon 11	U	0.97	U
Freon 113	U	U	U
Freon 114	U	U	U
Freon 12	U	1.8	7.0 J
Heptane	U	U	U
Hexachloro-1,3-butadiene	U	U	U
Hexane	U	0.54	U
Isopropyl alcohol	U	U	U
m&p-Xylene	U	0.75 J	U
Methyl Butyl Ketone	U	U	U
Methyl Ethyl Ketone	U	U	U
Methyl Isobutyl Ketone	U	U	U
Methyl tert-butyl ether	U	7.1	8.1 J
Methylene chloride	U	0.39 J	23
o-Xylene	U	U	U
Propylene	U	U	U
Styrene	U	U	U
Tetrachloroethylene	1,400 E	3,900 D	1,100 D
Tetrahydrofuran	U	U	U
Toluene	U	1.7	U
trans-1,2-Dichloroethene	U	2.2	U
trans-1,3-Dichloropropene	U	U	U
Trichloroethene	290 E	490 D	200
Vinyl acetate	U	U	U
Vinyl bromide	U	U	U
Vinyl chloride	U	2.7	U
Total VOCs	2,030	4,735	1,654

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

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

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

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

SAMPLE ID	VPCV-MID[1]	VPCV-MID	VPCV-MID
SAMPLE TYPE	AIR	AIR	AIR
DATE OF COLLECTION	1/5/2007	2/26/2007	3/16/2007
COLLECTED BY	D&B	D&B	D&B
UNITS	(ug/m^3)	(ug/m^3)	(ug/m^3)
VOCs			
1,1,1-Trichloroethane	U	2.4	U
1,1,2,2-Tetrachloroethane	U	U	U
1,1,2-Trichloroethane	U	U	U
1,1-Dichloroethane	U	0.95	U
1,1-Dichloroethene	U	0.73	U
1,2,4-Trichlorobenzene	U	U	U
1,2,4-Trimethylbenzene	U	U	U
1,2-Dibromoethane	U	U	U
1,2-Dichlorobenzene	U	U	U
1,2-Dichloroethane	U	U	U
1,2-Dichloropropane	U	U	U
1,3,5-Trimethylbenzene	U	U	U
1,3-Butadiene	U	U	U
1,3-Dichlorobenzene	U	U	U
1,4-Dichlorobenzene	U	U	U
1,4-Dioxane	U	U	U
2,2,4-Trimethylpentane	U	U	U
4-Ethyltoluene	U	U	U
Acetone	U	5.1 DJ	U
Allyl chloride	U	U	U
Benzene	U	1.7	U
Benzyl chloride	U	U	U
Bromodichloromethane	U	U	U
Bromoform	U	U	U
Bromomethane	U	U	U
Carbon dissulfide	U	U	U
Carbon tetrachloride	U	U	U
Chlorobenzene	U	U	U
Chloroethane	U	U	U
Chloroform	U	U	U
Chloromethane	U	0.48	U
cis-1,2-Dichloroethene	430 E	360 D	270
cis-1,3-Dichloropropene	U	U	U
Cyclohexane	U	U	U
Dibromochloromethane	U	U	U
Ethyl acetate	U	U	U
Ethylbenzene	U	U	U
Freon 11	U	0.91	U
Freon 113	U	U	U
Freon 114	U	U	U
Freon 12	U	1.8	U
Heptane	U	U	U
Hexachloro-1,3-butadiene	U	U	U
Hexane	U	1.8	U
Isopropyl alcohol	U	U	U
m&p-Xylene	U	U	U
Methyl Butyl Ketone	U	U	U
Methyl Ethyl Ketone	U	0.48 J	U
Methyl Isobutyl Ketone	U	U	U
Methyl tert-butyl ether	U	12 D	9.4 J
Methylene chloride	U	0.46	4.0 J
o-Xylene	U	U	U
Propylene	U	U	U
Styrene	U	U	U
Tetrachloroethylene	2,700 E	15,000 D	3,000 D
Tetrahydrofuran	U	U	U
Toluene	U	0.54 J	U
trans-1,2-Dichloroethene	U	2.7	U
trans-1,3-Dichloropropene	U	U	U
Trichloroethene	910 E	1,300	370
Vinyl acetate	U	U	U
Vinyl bromide	U	U	U
Vinyl chloride	U	2.5	U
Total VOCs	4,040	16,695	3,653

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

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

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

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

SAMPLE ID	VPCV-EFF[1]	VPCV-EFF	VPCV-EFF
SAMPLE TYPE	AIR	AIR	AIR
DATE OF COLLECTION	1/5/2007	2/26/2007	3/16/2007
COLLECTED BY	D&B	D&B	D&B
UNITS	(ug/m^3)	(ug/m^3)	(ug/m^3)
VOCs			
1,1,1-Trichloroethane	12 DJ	3.9	6.3 J
1,1,2,2-Tetrachloroethane	U	U	U
1,1,2-Trichloroethane	U	U	U
1,1-Dichloroethane	U	1.2	U
1,1-Dichloroethene	U	0.81	U
1,2,4-Trichlorobenzene	U	U	U
1,2,4-Trimethylbenzene	U	U	U
1,2-Dibromoethane	U	U	U
1,2-Dichlorobenzene	U	U	U
1,2-Dichloroethane	U	U	U
1,2-Dichloropropane	U	U	U
1,3,5-Trimethylbenzene	U	U	U
1,3-Butadiene	U	U	U
1,3-Dichlorobenzene	U	U	U
1,4-Dichlorobenzene	U	U	U
1,4-Dioxane	U	U	U
2,2,4-Trimethylpentane	U	U	U
4-Ethyltoluene	U	U	U
Acetone	U	42 D	U
Allyl chloride	U	U	U
Benzene	U	2.9	U
Benzyl chloride	U	U	U
Bromodichloromethane	U	U	U
Bromoform	U	U	U
Bromomethane	U	U	U
Carbon dissulfide	U	U	U
Carbon tetrachloride	U	U	U
Chlorobenzene	U	U	U
Chloroethane	U	U	U
Chloroform	U	U	U
Chloromethane	U	0.82	U
cis-1,2-Dichloroethene	720 E	520 D	250
cis-1,3-Dichloropropene	U	U	U
Cyclohexane	U	U	U
Dibromochloromethane	U	U	U
Ethyl acetate	U	U	U
Ethylbenzene	U	U	U
Freon 11	U	1.2	U
Freon 113	U	U	U
Freon 114	U	U	U
Freon 12	U	2.3	U
Heptane	U	U	U
Hexachloro-1,3-butadiene	U	U	U
Hexane	U	2.4	U
Isopropyl alcohol	U	4.0	U
m&p-Xylene	U	U	U
Methyl Butyl Ketone	U	U	U
Methyl Ethyl Ketone	U	0.75 J	U
Methyl Isobutyl Ketone	U	U	U
Methyl tert-butyl ether	83 E	43 D	1.4 J
Methylene chloride	U	0.49 J	4.9 J
o-Xylene	U	U	U
Propylene	U	U	U
Styrene	U	U	U
Tetrachloroethylene	1,000 E	11,000 D	360
Tetrahydrofuran	U	U	U
Toluene	U	0.84	U
trans-1,2-Dichloroethene	U	3.1	U
trans-1,3-Dichloropropene	U	U	U
Trichloroethene	2,000 E	2,200 D	440
Vinyl acetate	U	U	U
Vinyl bromide	U	U	U
Vinyl chloride	5.2 DJ	3.3	U
Total VOCs	3,820	13,833	1,063

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

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

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

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

Vapor Phase Carbon Vessel Effluent (VPCV-EFF) Sample Collection Date: 01/05/07

Compound Detected [1]	Concentration (ug/m^3)	Flow Rate (ft^3/min)	Emission Rate (lbs/hr)	NYSDEC Required Effluent Limits (lbs/hr)
1,1,1-Trichloroethane	12	1,218	5.5E-05	1.0E-03
cis-1,2-Dichloroethene	720	1,218	**3.3E-03**	3.0E-03
Methyl tert-butyl ether	83	1,218	3.8E-04	NL
Tetrachloroethylene	1,000	1,218	4.6E-03	7.0E-03
Trichloroethene	2,000	1,218	**9.1E-03**	6.0E-03
Vinyl chloride	6.2	1,218	2.8E-05	1.4E-02
Total VOCs	3,821	1,218	1.7E-02	5.0E-01

Vapor Phase Carbon Vessel Effluent (VPCV-EFF) Sample Collection Date: 02/26/07

Compound Detected [1]	Concentration (ug/m^3)	Flow Rate (ft^3/min) [2]	Emission Rate (lbs/hr)	NYSDEC Required Effluent Limits (lbs/hr)
1,1,1-Trichloroethane	3.9	1,277	1.3E-05	NL
1,1-Dichloroethane	1.2	1,277	4.2E-06	NL
1,1-Dichloroethene	0.81	1,277	2.9E-06	NL
Acetone	42	1,277	1.5E-04	NL
Benzene	2.9	1,277	1.1E-05	NL
Chloromethane	0.82	1,277	3.1E-06	NL
cis-1,2-Dichloroethene	520	1,277	2.0E-03	0.003
Freon 11	1.2	1,277	4.8E-06	NL
Freon 12	2.3	1,277	9.4E-06	NL
Hexane	2.4	1,277	1.0E-05	NL
Isopropyl alcohol	4.0	1,277	1.7E-05	NL
Methyl Ethyl Ketone	0.75	1,277	3.2E-06	NL
Methyl tert-butyl ether	43	1,277	1.9E-04	NL
Methylene chloride	0.49	1,277	2.2E-06	NL
Tetrachloroethylene	11,000	1,277	**5.0E-02**	0.007
Toluene	0.84	1,277	3.8E-06	NL
trans-1,2-Dichloroethene	3.1	1,277	1.4E-05	NL
Trichloroethene	2,200	1,277	**1.0E-02**	0.006
Vinyl chloride	3.3	1,277	1.6E-05	1.40E-02
Total VOCs	13,833	1,277	6.6E-02	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

Vapor Phase Carbon Vessel Effluent (VPCV-EFF) Sample Collection Date: 03/16/07

Compound Detected [1]	Concentration (ug/m^3)	Flow Rate (ft^3/min) [2]	Emission Rate (lbs/hr)	NYSDEC Required Effluent Limits (lbs/hr)
1,1,1-Trichloroethane	6.3	1,043	2.5E-05	1.0E-03
cis-1,2-Dichloroethene	250	1,043	9.8E-04	3.0E-03
Methyl tert-butyl ether	1.4	1,043	5.5E-06	NL
Methylene chloride	4.9	1,043	1.9E-05	NL
Tetrachloroethylene	360	1,043	1.4E-03	7.0E-03
Trichloroethene	440	1,043	1.7E-03	6.0E-03
Total VOCs	1,063	1,043	4.2E-03	5.0E-01

NOTES:

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

Concentration exceeds NYSDEC Required 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	3/21/2007	3/21/2007	3/21/2007	3/21/2007	3/21/2007	3/21/2007	3/21/2007	3/21/2007	
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	U	U	U	97 J	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	U	U	U	24	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	3 J	U	U	2,300 D	1 J	U	5 ST
2,2-Dichloropropane	U	U	U	U	U	U	U	U	5 ST
Bromochloromethane	U	U	U	U	U	U	U	U	5 ST
Chloroform	U	U	U	U	U	U	U	U	7 ST
1,1,1-Trichloroethane	U	U	U	U	U	U	U	U	5 ST
1,1-Dichloropropene	U	U	U	U	U	U	U	U	5 ST
Carbon tetrachloride	U	U	U	U	U	U	U	U	5 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	U	0.6 ST
Benzene	U	U	U	U	U	U	U	U	1 ST
Trichloroethene	U	U	1 J	U	U	140	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	U	6	18	7	50	U	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	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	1 J	U	U	U	1 J	U	5 ST
4-Isopropyltoluene	U	U	U	U	U	U	U	U	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	3 ST
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	3 ST
n-Butylbenzene	U	U	U	U	U	U	U	U	5 ST
1,2-Dichlorobenzene	U	U	U	U	U	U	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	11	18	7	2611	2	7	

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	3/21/2007	--	3/21/2007						
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	4 J		U						10 GV
1,1-Dichloroethane	2 J		U						5 ST
Vinyl acetate	U		U						--
2-Butanone	U		U						50 GV
cis-1,2-Dichloroethene	3 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	2 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	3 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	1 J		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	15		0						

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)

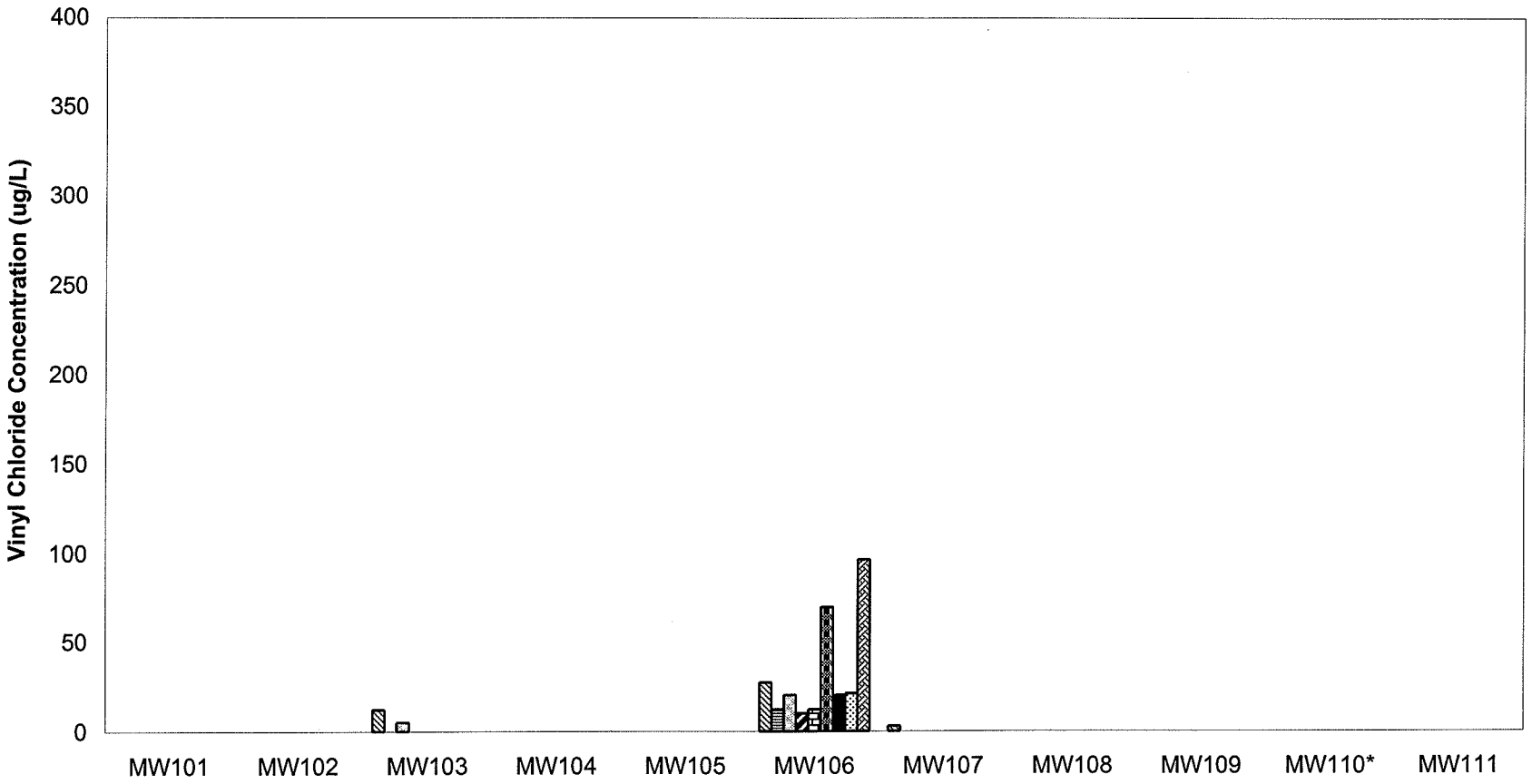
NOTES:
1. Total mass of VOC recovered through December 31, 2004 based on information contained in the Fourth Quarter 2004 Operation and Maintenance Report prepared by Blue Water Environmental Inc.
2. Estimated through the end of the reporting period.
3. Extraction well RW-2 restarted on 7/5/05 @16:20.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

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

ATTACHMENT F

MONITORING WELL TREND BAR GRAPHS

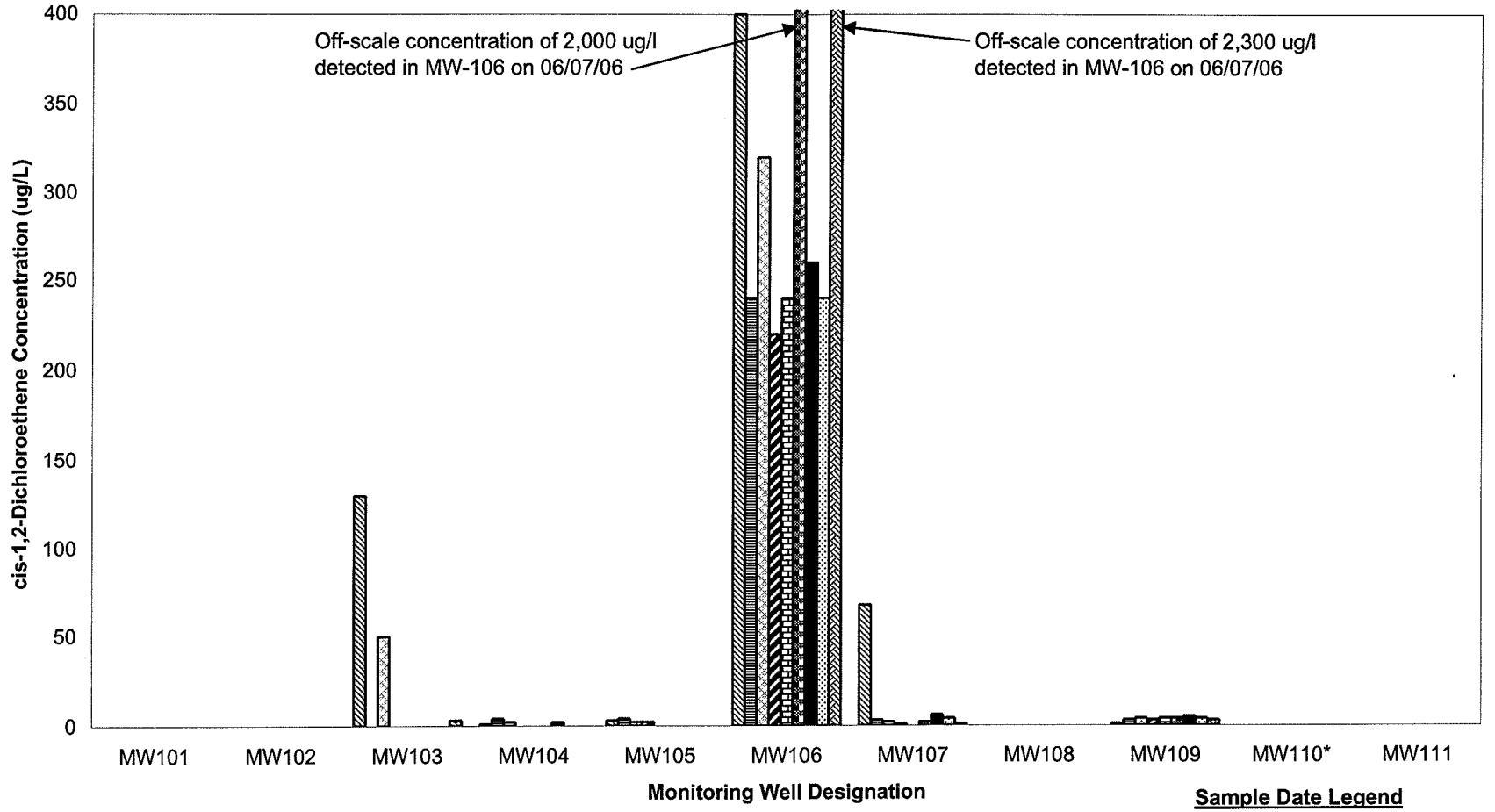
Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - Vinyl Chloride



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.

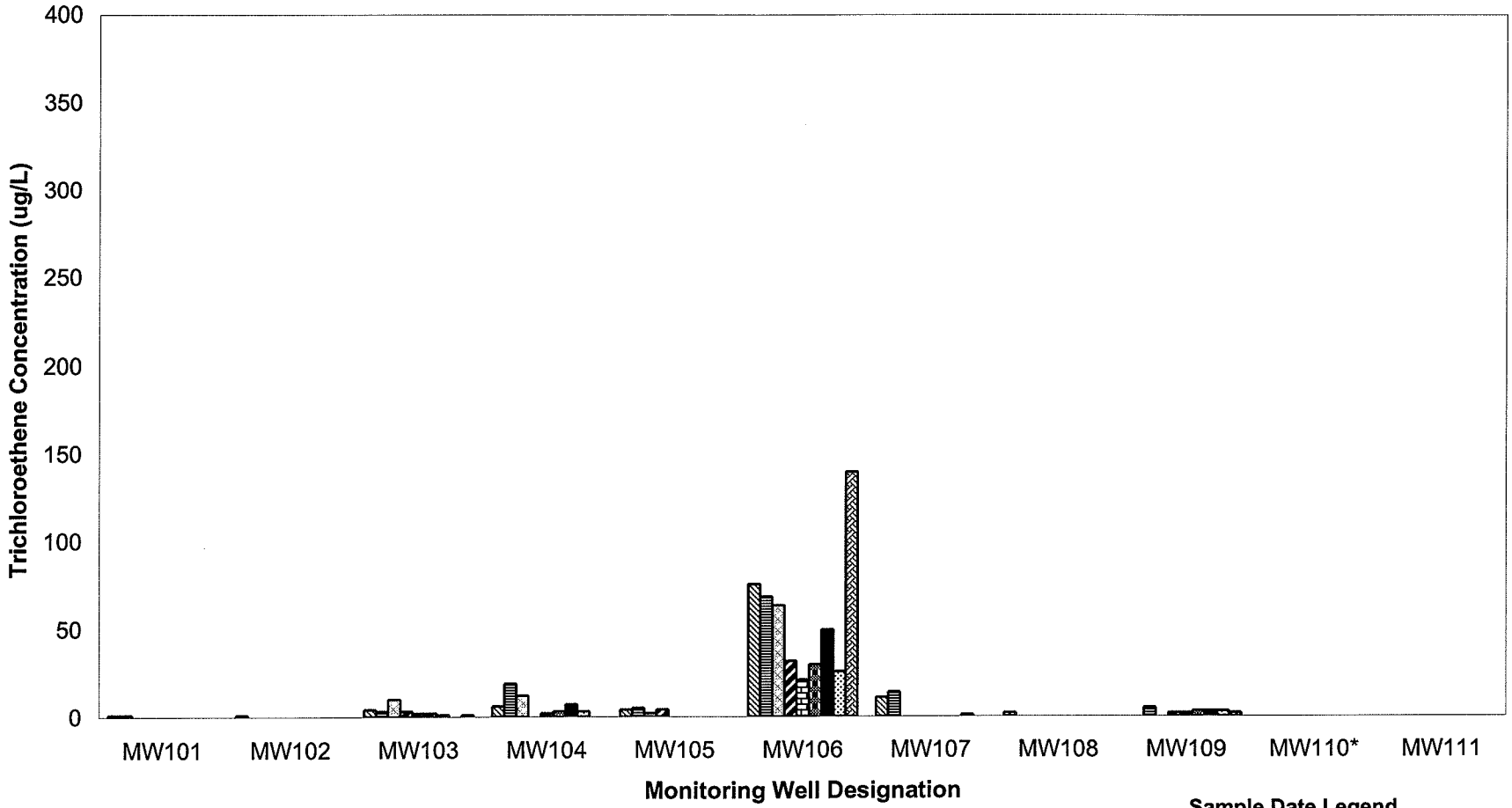
Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - cis-1,2-Dichloroethene



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.

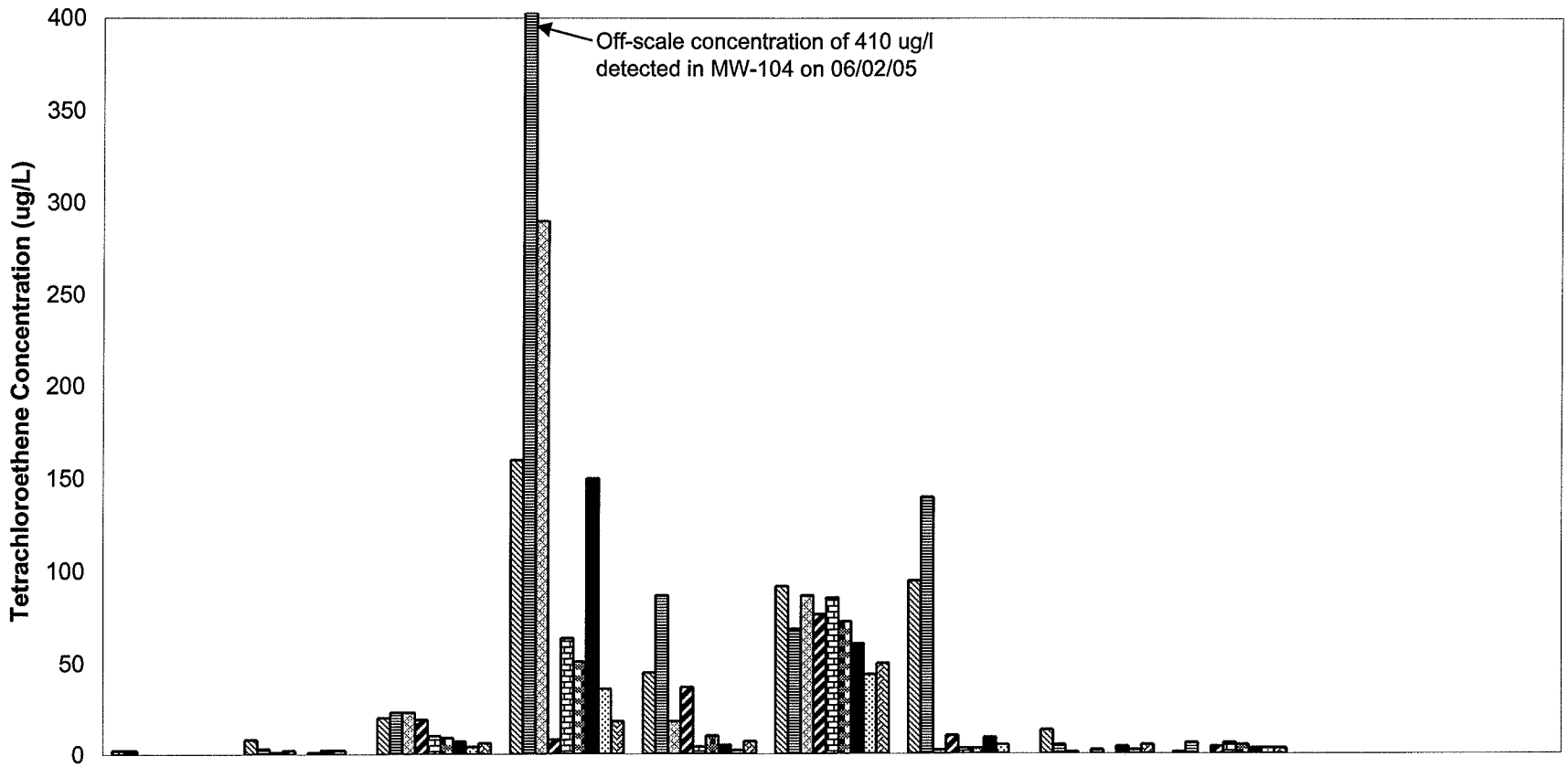
Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - Trichloroethene



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.

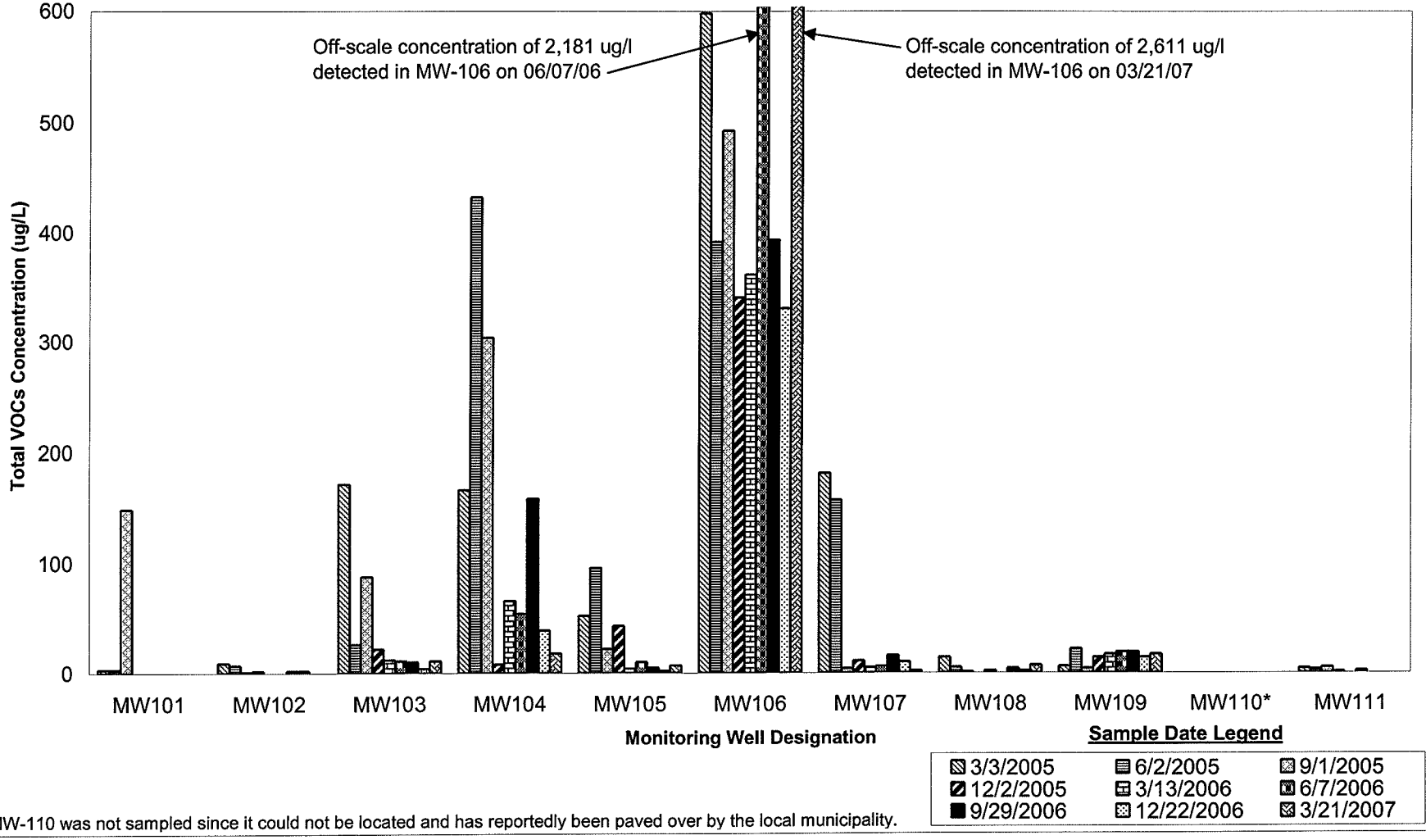
Active Industrial Uniform Site
NYSDEC Site No. 1-52-125
Summary of Groundwater Sampling Results - Tetrachloroethene



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.