Dvirka and Bartilucci
CONSULTING ENGINEERS

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October 11, 2005

Jeffrey E. Trad, P.E.
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. D003600-45
Quarterly Report No. 1 – January 1, 2005 though March 31, 2005
D&B No. 2307-04

Dear Mr. Trad:

The purpose of this letter is to summarize the performance of the groundwater extraction and treatment system, 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, 2005 though March 31, 2005. 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

Dvirka and Bartilucci Consulting Engineers (D&B) initiated performance monitoring activities for the groundwater extraction and treatment system at the Active Industrial Uniform Site on January 1, 2005. It should be noted that the treatment system was not operational at that time, due to several problems that had been previously identified by the New York State Department of Environmental Conservation (NYSDEC). As a result, D&B performed a thorough evaluation of the treatment system and the associated control equipment to troubleshoot and repair all equipment, as necessary, to place the treatment system into operation. Listed below is a summary of all problems observed during the initial evaluation of the treatment system, and the associated actions taken to correct the deficiencies (as approved by the NYSDEC):

- The pressure transducer for Air Stripping Tower Number 2 (ST-2), which monitors the air stripper sump level and controls the operation of the associated transfer pump, was not functional and required replacement. Further inspection revealed that the electrical wiring from the pressure transducer to the treatment system control panel was in poor condition and required replacement. Replacement of the pressure transducer and associated wiring was performed under subcontract to EnviroTrac LTD., with D&B oversight.

- Several cracks were observed in the influent piping to Air Stripping Tower Number 1 (ST-1) and Air Stripping Tower Number 2 (ST-2). As a result, the cracked influent piping required replacement. Heat trace and insulation were installed to protect the exposed influent piping during cold weather conditions. Replacement of the damaged piping and installation of heat trace and insulation was performed under subcontract to EnviroTrac LTD., with D&B oversight.

- The auto-dialer unit, which provides remote notification of alarm conditions via telephone, was not functional and required replacement. The existing unit was replaced with a Sensaphone Model 1108 unit, which was installed outside of the treatment system control panel. Existing alarm inputs were connected to the new auto-dialer unit and dial-out phone numbers were programmed accordingly. Replacement of the auto-dialer unit was performed under subcontract to EnviroTrac LTD., with D&B oversight.

- Replacement of extension cords used in conjunction with the air stripper effluent piping heat trace was completed, as this was in violation of local electrical codes. Existing conduits and raceways were utilized to run new electrical wiring from the air stripper effluent piping heat trace to a dedicated circuit breaker on the treatment system main control panel. This work was performed under subcontract to EnviroTrac LTD., with D&B oversight.

- The particulate cartridges used for the solids filtration unit were clogged and required replacement prior to restarting the treatment system. This work was performed under subcontract to EnviroTrac LTD., with D&B oversight.

Start-up of the treatment system was accomplished on February 14, 2005, after completion of the activities described above. The treatment system operating characteristics (e.g. – groundwater extraction rates, air flow rates, etc.) were restored to original conditions upon start-up. During the period of February 14, 2005 through March 31, 2005, extraction well RW-1 operated at an

average pump rate of approximately 83.8 gallons per minute. Extraction well RW-2 was not in operation during the period, as directed by the NYSDEC. Approximately 4,804,000 gallons of treated groundwater were discharged to the Little Neck Creek during this period. During the period, the groundwater extraction and treatment system was inoperative for approximately 93 hours due to system alarm conditions. A description of system alarm conditions is presented in Attachment B.

Groundwater Extraction and Treatment System Sampling (Aqueous)

Monthly groundwater samples were collected from the combined influent sample tap and from the treatment system discharge sample tap on February 23, 2005 and March 21, 2005. No samples were collected in January 2005, as the system was not operational until February 14, 2005. 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 TAL inorganics by USEPA Method ILM 04.0 and for pH by USEPA Method 9040.

Quarterly samples were also collected on March 21, 2005, from the sample tap located between the two air strippers and from the treatment system discharge sample tap. It should be noted that quarterly samples were not taken from each of the extraction well influent pipe sample taps since extraction RW-2 was not in operation during this period. The sample between the two air strippers was analyzed for VOCs by USEPA Method 8260. The treatment system discharge sample was analyzed for Target Analyte List (TAL) inorganics by USEPA Method ILM 04.0.

Sample results are presented in Attachment C. The sample results from the air stripper discharge are compared to the site-specific effluent limitations. As can been seen from the summary report in Attachment C, all of the results of the analyses of the samples for the period were below effluent limitations. Approximately 12.8 pounds of total VOCs were removed from the extracted groundwater by the air stripping towers during the period. The average total VOC removal efficiency for this quarter was 99.9 percent. Refer to Attachment D 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 influent sample tap, the sample tap located between the carbon vessels and effluent sample tap of the vapor phase carbon adsorption system on February 23, 2005 and March 21, 2005. No samples were collected in January 2005, as the system was not operational until February 14, 2005. Each sample was analyzed for VOCs by USEPA Method TO-15.

Samples results are presented in Attachment C. The results of analyses of samples of the vapor phase carbon adsorption system discharge are compared to the site-specific effluent limitations. As can been seen from the summary report in Attachment C, all air discharge results are below prescribed limits for the period.

Groundwater Quality Data

The network of groundwater monitoring wells was sampled to determine groundwater quality at or 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 3, 2005, and analyzed for VOCs by USEPA Method 8260. Monitoring well MW-110 was not sampled since it could not be located and has reportedly been paved over by the local municipality. 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.

The sample results from the monitoring wells are presented in Attachment C, 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 3 micrograms per liter (ug/l) to 598 ug/l during the period. Seven on-site monitoring wells (MW-102, MW-103, MW-104, MW-105, MW-106, MW-107 and MW-108) contained at least one VOC at a concentration above the respective standard or guidance value. Monitoring well MW-106 contained the greatest concentration of total VOCs (598 ug/L), with vinyl chloride, cis-1,2-dichloroethene, trichloroethene and tetrachloroethene detected at concentrations exceeding standards or guidance values. There were no VOCs detected at concentrations above standards or guidance values in on-site monitoring wells MW-101.

Concentrations of total VOCs reported in off-site monitoring wells MW-109 and MW-111 during the period were 6 ug/l and 4 ug/l, respectively. There were no VOCs detected at concentrations above the standard and guidance values in off-site monitoring wells MW-109 and MW-111. Attachment E includes graphs which summarize vinyl chloride, cis-1,2-dicholorethene, trichloroethene, tetrachloroethene and total VOCs detected in each of the on-site and off-site monitoring wells.

Data Validation

The data packages submitted by Mitkem Corporation have been reviewed for completeness and compliance with NYSDEC Analytical Services Protocol (ASP) Quality Assurance/Quality Control (QA/QC) requirements. No deficiencies were found with any of the sample data and all sample results have been deemed valid and usable for environmental assessment purposes.

Conclusions

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

- The results of analyses of system influent groundwater samples show that the extraction well RW-1 is continuing to capture VOC-contaminated groundwater.
- The results of analyses of liquid discharge samples show that the air stripping towers are effectively removing the captured VOCs to concentrations below the discharge criteria.
- The results of analyses of vapor discharge samples show that the vapor phase carbon vessels are effectively removing VOCs within the air stripper exhaust gas stream to concentrations below site-specific discharge criteria.
- Seven of the eight on-site monitoring wells contain at least one VOC at a concentration exceeding its NYSDEC Class GA groundwater standard.
- Neither of the off-site monitoring wells that were sampled during this period contained any VOCs at concentrations exceeding NYSDEC Class GA groundwater standards or guidance values.
- For the majority of the monitoring wells, the total VOC concentrations detected during this period were similar to or significantly less than the concentrations detected during the previous sampling event in October 2004. The total VOC concentrations in three wells, MW-103, MW-106 and MW-107, increased during this period, relative to October 2004.

Recommendations

Based on the results of performance monitoring performed during the period, we offer the following recommendations:

- Continued operation of the groundwater extraction and treatment system is recommended to minimize downgradient migration of contaminants currently being captured by the system.
- The system is now reliably extracting groundwater and operating within design parameters. However, it is too early to conclude the impact it is having upon the

contaminated groundwater plume. Continue to monitor localized groundwater through the existing groundwater monitoring network to determine trends over time and determine the effectiveness of the system in containing the contaminant plume.

- Since monitoring well MW-110 is currently unable to be sampled, it is recommended that recovery well RW-2 be sampled during the next groundwater sampling event, to provide additional downgradient groundwater quality data. Based on the monitoring results, a recommendation regarding operation of RW-2 will be made.

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

Very truly yours,

Frank DeVita
Project Manager

FD(t)/tp,ajm
Attachments
cc: R. Caspe (D&B)
K. Wenz (D&B)
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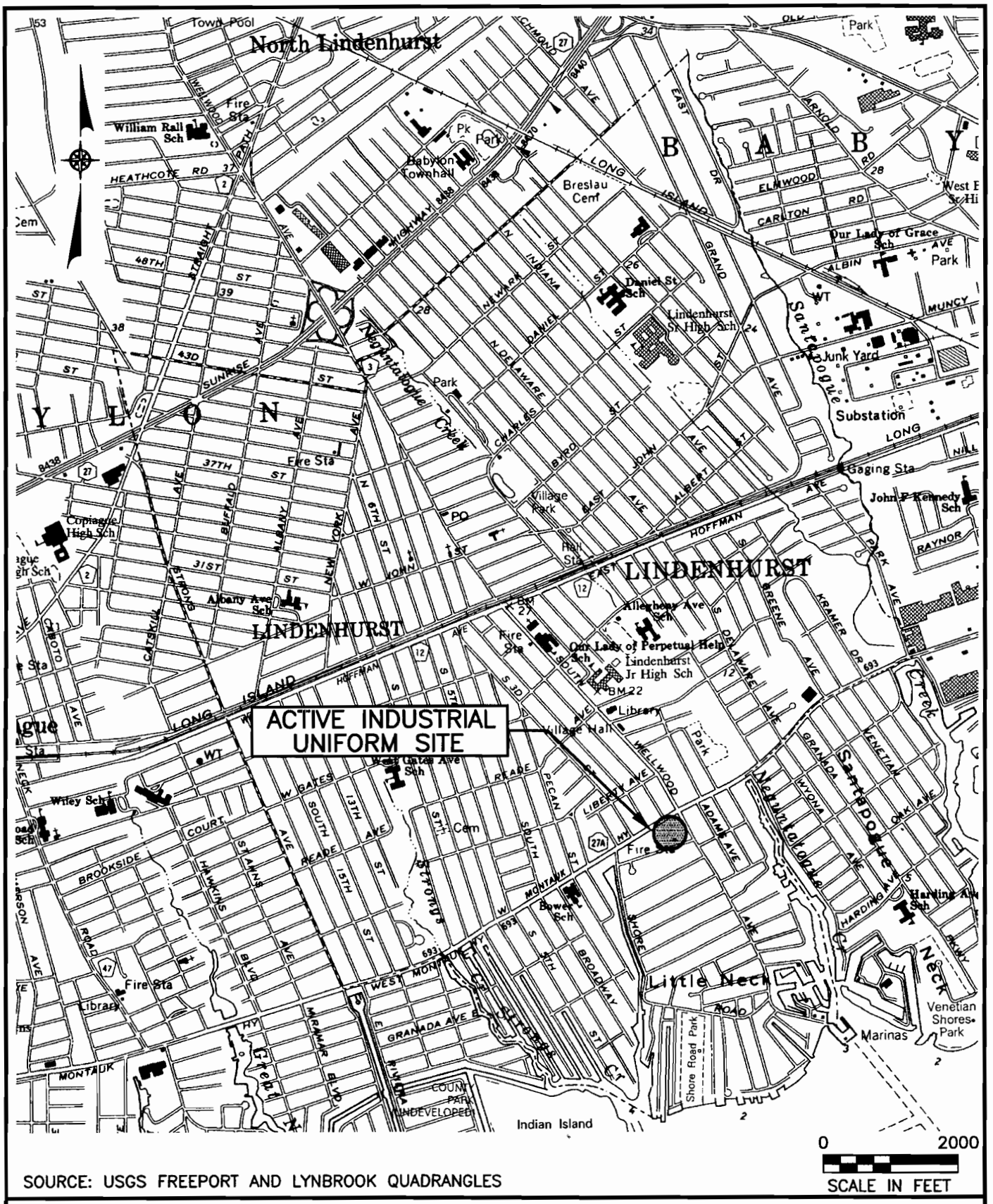
ATTACHMENT A

FIGURES

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



SOURCE: USGS FREEPORT AND LYNBROOK QUADRANGLES

ACTIVE INDUTRIAL UNIFORM SITE
VILLAGE OF LINDENHURST, NEW YORK

PROJECT SITE LOCATION MAP

FIGURE 1

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

GRAVEL SURFACE
6' 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 SO. CUT SW COR CONC. PAD ELEV.=10.65
EXISTING POWER POLE
APPROXIMATE LIMITS OF LIMITED EXCAVATION PERFORMED IN NOVEMBER 2000
DRIVEWAY
HDPE EXTRACTION PIPING AND ELECTRICAL CONDUIT
MW-106
EXISTING GRAVEL SURFACE
MW-107
EXISTING GRAVEL SURFACE
RW-1
MW-108
HDPE EXTRACTION PIPING AND ELECTRICAL CONDUIT FROM RW-2

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
- UP — UTILITY POLE
- CB — 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)

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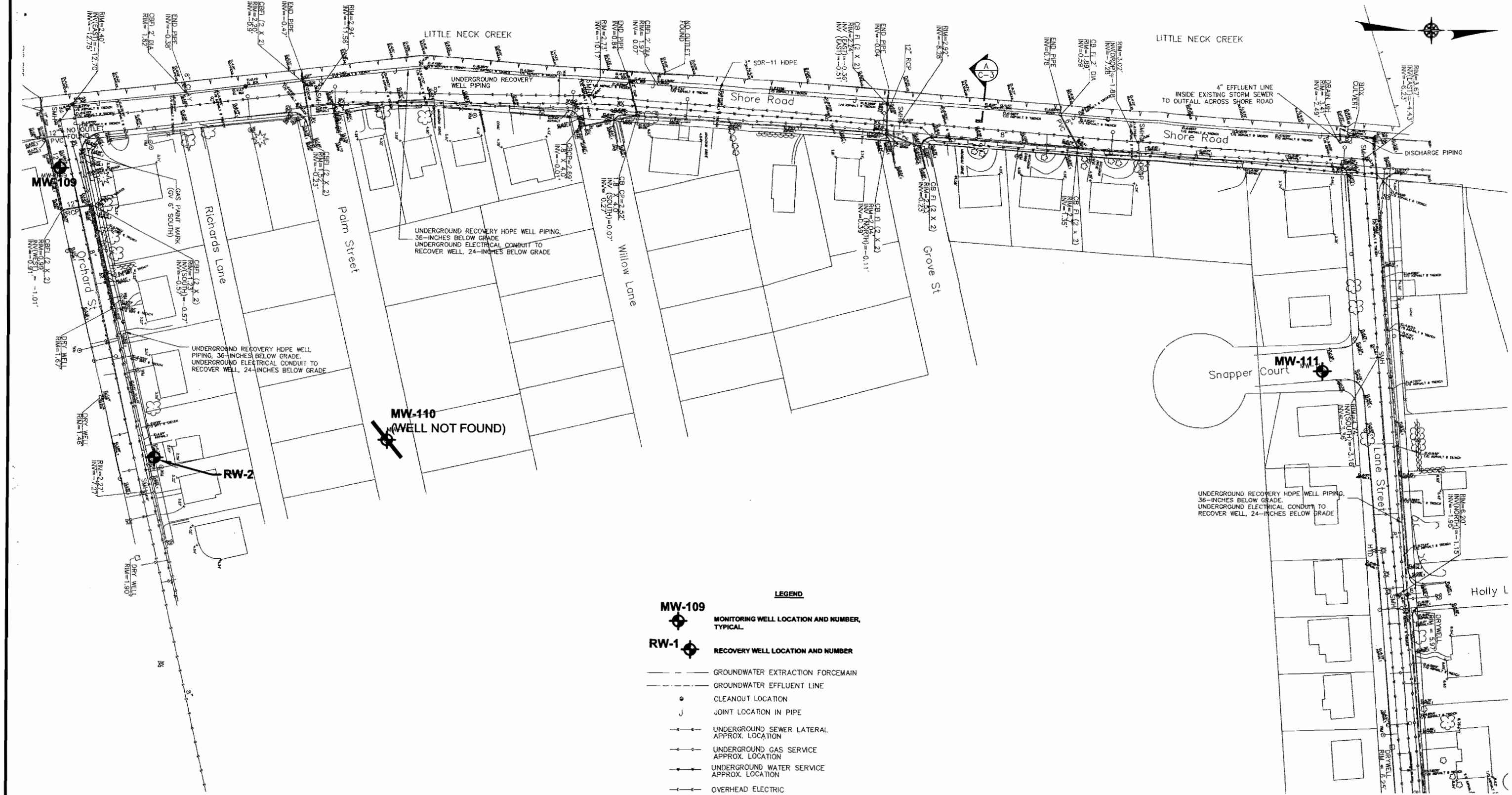
SCALE IN FEET

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:\2307\Active Industrial Uniform Site\Quarterly Report No. 1\FIGURE 3.dwg, Layout1, 06/03/05 12:39:21 PM, DCortes

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
2/15/05 4:35 AM	2/17/05 2:30 PM	Alarm Condition No. 5 - High level air stripper sump No. 1. Alarm generated as a result of a faulty high level float switch in air stripper sump. Replaced switch and restarted system.
3/8/05 9:48 PM	3/10/05 8:30 AM	Alarm Condition No. 5 - High level air stripper sump No. 1. Caused by VFD overload in air stripper No. 1 transfer pump. Reset VFD and restarted system.

ATTACHMENT C

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	2/23/05	3/21/05						
COLLECTED BY	D&B	D&B						
UNITS	(ug/L)	(ug/L)						
VOCs								
Dichlorodifluoromethane	U	U						5 GV
Chloromethane	U	U						–
Vinyl chloride	U	U						2 ST
Bromomethane	U	U						5 ST
Chloroethane	U	U						5 ST
Trichlorofluoromethane	U	U						5 ST
1,1-Dichloroethene	U	U						5 ST
Acetone	U	U						50 GV
Iodomethane	U	U						–
Carbon disulfide	U	U						60 GV
Methylene chloride	U	U						5 ST
trans 1,2-Dichloroethene	U	U						5 ST
Methyl-tert butyl ether	U	2 J						10 GV
1,1-Dichloroethane	U	U						5 ST
Vinyl acetate	U	U						–
2-Butanone	U	U						50 GV
cis-1,2-Dichloroethene	130	90						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	94	41						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	260 D	170						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	484	303						

NOTES:

Concentration exceeds NYSDEC Class GA Groundwater Standard or Guidance Value

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						
SAMPLE TYPE	WATER	WATER						
DATE OF COLLECTION	2/23/05	3/21/05						
COLLECTED BY	D&B	D&B						
UNITS	(ug/L)	(ug/L)						
INORGANIC COMPOUNDS								
Aluminum	19.5 B	U						
Antimony	4.1 B	4.8 B						
Arsenic	U	U						
Barium	23.7 B	23.1 B						
Beryllium	U	U						
Cadmium	U	U						
Calcium	20,300	23,300						
Chromium	U	U						
Cobalt	0.77 B	0.74 B						
Copper	10.5 B	4.8 B						
Iron	103	140						
Lead	4.3	U						
Magnesium	3,940 B	4,160 B						
Manganese	1,240	1,340						
Nickel	0.79 B	1.1 B						
Potassium	3,130 B	2,940 B						
Selenium	U	U						
Silver	U	0.66 B						
Sodium	24,100	24,300						
Thallium	3.0 B	3.2 B						
Vanadium	U	0.46 B						
Zinc	26.8	56.4						
Mercury	U	U						
GENERAL CHEMISTRY								
pH (S.U.)	6.4	6.1						

ABBREVIATIONS:
ug/L: Micrograms per liter

QUALIFIERS:
B: Analyte detected in associated Method Blank
U: Compound analyzed for but not detected.

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC SITE No. 1-52-125
RESULTS OF ANALYSIS OF SAMPLES COLLECTED BETWEEN AIR STRIPPERS - VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID	AS-MID							NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES (ug/L)
SAMPLE TYPE	WATER							
DATE OF COLLECTION	3/21/05							
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 Standard or Guidance Value

ABBREVIATIONS

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

QUALIFIERS:

U: Compound analyzed for but not detected

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	2/23/05	3/21/05						
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	U						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	U						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	U						

NOTES:

Concentration exceeds NYSDEC Class GA Groundwater Standard or Guidance Value

* - 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
ST: Standard Value
GV: Guidance Value

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

SAMPLE ID	COMB EFF							NYSDEC Site Specific Effluent Limitation
SAMPLE TYPE	WATER							
DATE OF COLLECTION	3/21/05							
COLLECTED BY	D&B							
UNITS	(ug/L)							
INORGANIC COMPOUNDS								(ug/L)
Aluminum	U							4,000
Antimony	4.5 B							NL
Arsenic	U							140
Barium	20.3 B							NL
Beryllium	U							NL
Cadmium	0.44 B							30
Calcium	23,500							NL
Chromium	U							NL
Cobalt	0.4 B							NL
Copper	U							38
Iron	52.5 B							4,000
Lead	U							NL
Magnesium	4,150 B							NL
Manganese	1,280							2,000
Nickel	1.1 B							65
Potassium	3,040 B							NL
Selenium	U							NL
Silver	U							9
Sodium	24,500							NL
Thallium	U							NL
Vanadium	U							NL
Zinc	6.0 B							370
Mercury	U							NL

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

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

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

SAMPLE ID	VPCV-INF	VPCV-INF				
SAMPLE TYPE	AIR	AIR				
DATE OF COLLECTION	2/23/05	3/21/05				
COLLECTED BY	D&B	D&B				
UNITS	(ug/m^3)	(ug/m^3)				
VOCs						
Dichlorodifluoromethane	U	U				
Chloromethane	U	U				
Vinyl chloride	17	U				
Bromomethane	U	U				
Chloroethane	U	U				
Trichlorofluoromethane	U	U				
Freon TF	U	U				
1,1-Dichloroethene	U	U				
Methylene chloride	U	U				
1,1-Dichloroethane	U	U				
cis-1,2-Dichloroethene	1,300	170				
Chloroform	U	U				
1,1,1-Trichloroethane	U	U				
Carbon tetrachloride	U	U				
1,2-Dichloroethane	U	U				
Benzene	U	U				
Trichloroethene	1,000	86				
1,2-Dichloropropane	U	U				
cis-1,3-Dichloropropene	U	U				
Toluene	U	U				
trans-1,3-Dichloropropene	U	U				
1,1,2-Trichloroethane	U	U				
Tetrachloroethene	4,700	470				
Chlorobenzene	U	U				
Ethylbenzene	U	U				
Xylene (total)	U	U				
1,1,2,2-Tetrachloroethane	U	U				
1,3-Dichlorobenzene	U	U				
1,4-Dichlorobenzene	U	U				
1,2-Dichlorobenzene	U	U				
1,2,4-Trichlorobenzene	U	U				
Hexachlorobutadiene	U	U				
1,3,5-Trimethylbenzene	U	U				
1,2,4-Trimethylbenzene	U	U				
1,2-Dichlorotetrafluoroethane	U	U				
1,2-Dibromoethane	U	U				
1,3-Butadiene	U	U				
Carbon dissulfide	U	U				
Cyclohexnae	U	U				
Dibromochloromethane	U	U				
Bromoform	U	U				
Bromodichloromehtnae	U	U				
trans-1,2-Dichloroethene	U	U				
4-Ethyltoluene	U	U				
3-Chloropropene	U	U				
2,2,4-Trimethylpentane	U	U				
Bromoethene	U	U				
2-Chlorotoluene	U	U				
n-Hexane	U	U				
n-Heptane	U	U				
Total VOCs	7,017	726				

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

QUALIFIERS:
U: Compound analyzed for but not detected.

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

SAMPLE ID	VPCV-MID	VPCV-MID				
SAMPLE TYPE	AIR	AIR				
DATE OF COLLECTION	2/23/05	3/21/05				
COLLECTED BY	D&B	D&B				
UNITS	(ug/m^3)	(ug/m^3)				
VOCs						
Dichlorodifluoromethane	U	3				
Chloromethane	U	1.7				
Vinyl chloride	9.7	U				
Bromomethane	U	U				
Chloroethane	U	U				
Trichlorofluoromethane	73	U				
Freon TF	U	U				
1,1-Dichloroethene	U	U				
Methylene chloride	U	U				
1,1-Dichloroethane	U	U				
cis-1,2-Dichloroethene	230	44				
Chloroform	U	U				
1,1,1-Trichloroethane	U	U				
Carbon tetrachloride	U	U				
1,2-Dichloroethane	U	U				
Benzene	U	U				
Trichloroethene	54	7.5				
1,2-Dichloropropane	U	U				
cis-1,3-Dichloropropene	U	U				
Toluene	2.8	U				
trans-1,3-Dichloropropene	U	U				
1,1,2-Trichloroethane	U	U				
Tetrachloroethene	190	16				
Chlorobenzene	U	U				
Ethylbenzene	U	U				
Xylene (total)	U	U				
1,1,2,2-Tetrachloroethane	U	U				
1,3-Dichlorobenzene	U	U				
1,4-Dichlorobenzene	U	U				
1,2-Dichlorobenzene	U	U				
1,2,4-Trichlorobenzene	U	U				
Hexachlorobutadiene	U	U				
1,3,5-Trimethylbenzene	U	U				
1,2,4-Trimethylbenzene	U	U				
1,2-Dichlorotetrafluoroethane	U	U				
1,2-Dibromoethane	U	U				
1,3-Butadiene	U	U				
Carbon dissulfide	U	U				
Cyclohexnae	U	U				
Dibromochloromethane	U	U				
Bromoform	U	U				
Bromodichloromehtnae	U	U				
trans-1,2-Dichloroethene	U	U				
4-Ethyltoluene	U	U				
3-Chloropropene	U	U				
2,2,4-Trimethylpentane	U	U				
Bromoethene	U	U				
2-Chlorotoluene	U	U				
n-Hexane	17	U				
n-Heptane	U	U				
Total VOCs	576.5	72.2				

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

QUALIFIERS:
U: Compound analyzed for but not detected.

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

SAMPLE ID	VPCV-EFF	VPCV-EFF				
SAMPLE TYPE	AIR	AIR				
DATE OF COLLECTION	2/23/05	3/21/05				
COLLECTED BY	D&B	D&B				
UNITS	(ug/m^3)	(ug/m^3)				
VOCs						
Dichlorodifluoromethane	U	3.4				
Chloromethane	U	1.9				
Vinyl chloride	10	3.8				
Bromomethane	U	U				
Chloroethane	U	U				
Trichlorofluoromethane	1.4	U				
Freon TF	U	U				
1,1-Dichloroethene	U	U				
Methylene chloride	U	U				
1,1-Dichloroethane	0.93	U				
cis-1,2-Dichloroethene	91	220 D				
Chloroform	U	U				
1,1,1-Trichloroethane	U	U				
Carbon tetrachloride	U	U				
1,2-Dichloroethane	U	U				
Benzene	U	U				
Trichloroethene	2.0	16				
1,2-Dichloropropane	U	U				
cis-1,3-Dichloropropene	U	U				
Toluene	U	U				
trans-1,3-Dichloropropene	U	U				
1,1,2-Trichloroethane	U	U				
Tetrachloroethene	2.8	17				
Chlorobenzene	U	U				
Ethylbenzene	U	U				
Xylene (total)	U	U				
1,1,2,2-Tetrachloroethane	U	U				
1,3-Dichlorobenzene	U	U				
1,4-Dichlorobenzene	U	U				
1,2-Dichlorobenzene	U	U				
1,2,4-Trichlorobenzene	U	U				
Hexachlorobutadiene	U	U				
1,3,5-Trimethylbenzene	U	U				
1,2,4-Trimethylbenzene	U	U				
1,2-Dichlorotetrafluoroethane	U	U				
1,2-Dibromoethane	U	U				
1,3-Butadiene	U	U				
Carbon dissulfide	U	U				
Cyclohexnae	U	U				
Dibromochloromethane	U	U				
Bromoform	U	U				
Bromodichloromehtnae	U	U				
trans-1,2-Dichloroethene	U	U				
4-Ethyltoluene	U	U				
3-Chloropropene	U	U				
2,2,4-Trimethylpentane	U	U				
Bromoethene	U	U				
2-Chlorotoluene	U	U				
n-Hexane	U	U				
n-Heptane	U	U				
Total VOCs	108.13	262.1				

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

ACTIVE INDUSTRIAL UNIFORM SITE
NYSDEC CONTRACT No. D003600 / SITE No. 1-52-125
SUMMARY OF VAPOR EMISSION RATES

Vapor Phase Carbon Vessel Effluent (VPCV-EFF) Sample Collection Date: 2/23/2005

Compound Detected [1]	Concentration (ug/m^3)	Flow Rate (ft^3/min)	Emission Rate (lbs/hr)	NYSDEC Required Effluent Limits (lbs/hr)
Vinyl Chloride	10	1,350	0.000051	0.014
Trichlorofluoromethane	1.4	1,350	0.000007	NL
1,1-Dichloroethane	0.93	1,350	0.000005	NL
cis-1,2-Dichloroethene	91	1,350	0.000461	0.003
Trichloroethene	2	1,350	0.000010	0.006
Tetrachloroethane	2.8	1,350	0.000014	0.007
Total VOCs	108.13	1,350	0.000547	0.034

Vapor Phase Carbon Vessel Effluent (VPCV-EFF) Sample Collection Date: 3/21/2005

Compound Detected [1]	Concentration (ug/m^3)	Flow Rate (ft^3/min)	Emission Rate (lbs/hr)	NYSDEC Required Effluent Limits (lbs/hr)
Dichlorodifluoromethane	3.4	1,290	0.000016	NL
Chloromethane	1.9	1,290	0.000009	NL
Vinyl Chloride	3.8	1,290	0.000018	0.014
cis-1,2-Dichloroethene	220	1,290	0.001064	0.003
Trichloroethene	16	1,290	0.000077	0.006
Tetrachloroethane	17	1,290	0.000082	0.007
Total VOCs	262.1	1,350	0.001327	0.034

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	3/3/05	3/3/05	3/3/05	3/3/05	3/3/05	3/4/05	3/4/05	3/3/05	
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	12	U	U	27	3 J	U	2 ST
Bromomethane	U	U	U	U	U	U	U	U	5 ST
Chloroethane	U	U	U	U	U	U	U	U	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	U	5 ST
1,1-Dichloroethene	U	U	U	U	U	U	U	U	5 ST
Acetone	U	U	U	U	U	U	U	U	50 GV
Iodomethane	U	U	U	U	U	U	U	U	–
Carbon disulfide	U	U	U	U	U	U	U	U	60 GV
Methylene chloride	U	U	U	U	U	U	U	U	5 ST
trans 1,2-Dichloroethene	U	U	3 J	U	U	3 J	U	U	5 ST
Methyl-tert butyl ether	U	U	U	U	U	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	U	U	5 ST
Vinyl acetate	U	U	U	U	U	U	U	U	–
2-Butanone	U	U	U	U	U	U	U	U	50 GV
cis-1,2-Dichloroethene	U	U	130	1 J	3 J	400 D	68	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	1 J	U	5 ST
1,1-Dichloropropene	U	U	U	U	U	U	U	U	5 ST
Carbon tetrachloride	U	U	U	U	U	U	U	U	5 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	U	0.6 ST
Benzene	U	U	U	U	U	U	U	U	1 ST
Trichloroethene	1 J	1 J	4 J	6	4 J	76	11	1 J	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	2 J	8	20	160	45	92	95	13	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	1 J	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	3 J	U	U	U	U	U	5 ST
sec-Butylbenzene	U	U	U	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	2 J	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	U	10 GV
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U	U	5 ST
Total VOCs	3	9	172	167	52	598	182	14	

NOTES:

Concentration exceeds NYSDEC Class GA Groundwater Standard or Guidance Value

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 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						
DATE OF COLLECTION	3/4/05		3/4/05						
COLLECTED BY	D&B		D&B						
UNITS	(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	1 J		4 J						10 GV
1,1-Dichloroethane	1 J		U						5 ST
Vinyl acetate	U		U						–
2-Butanone	U		U						50 GV
cis-1,2-Dichloroethene	1 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	1 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	6		4						

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

ATTACHMENT D

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)
2/23/05	84.60	484	< 0.5	99.90%	2.05E-02	126	786.59
3/21/05	83.90	303	< 0.5	99.83%	1.27E-02	803	796.80 (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.

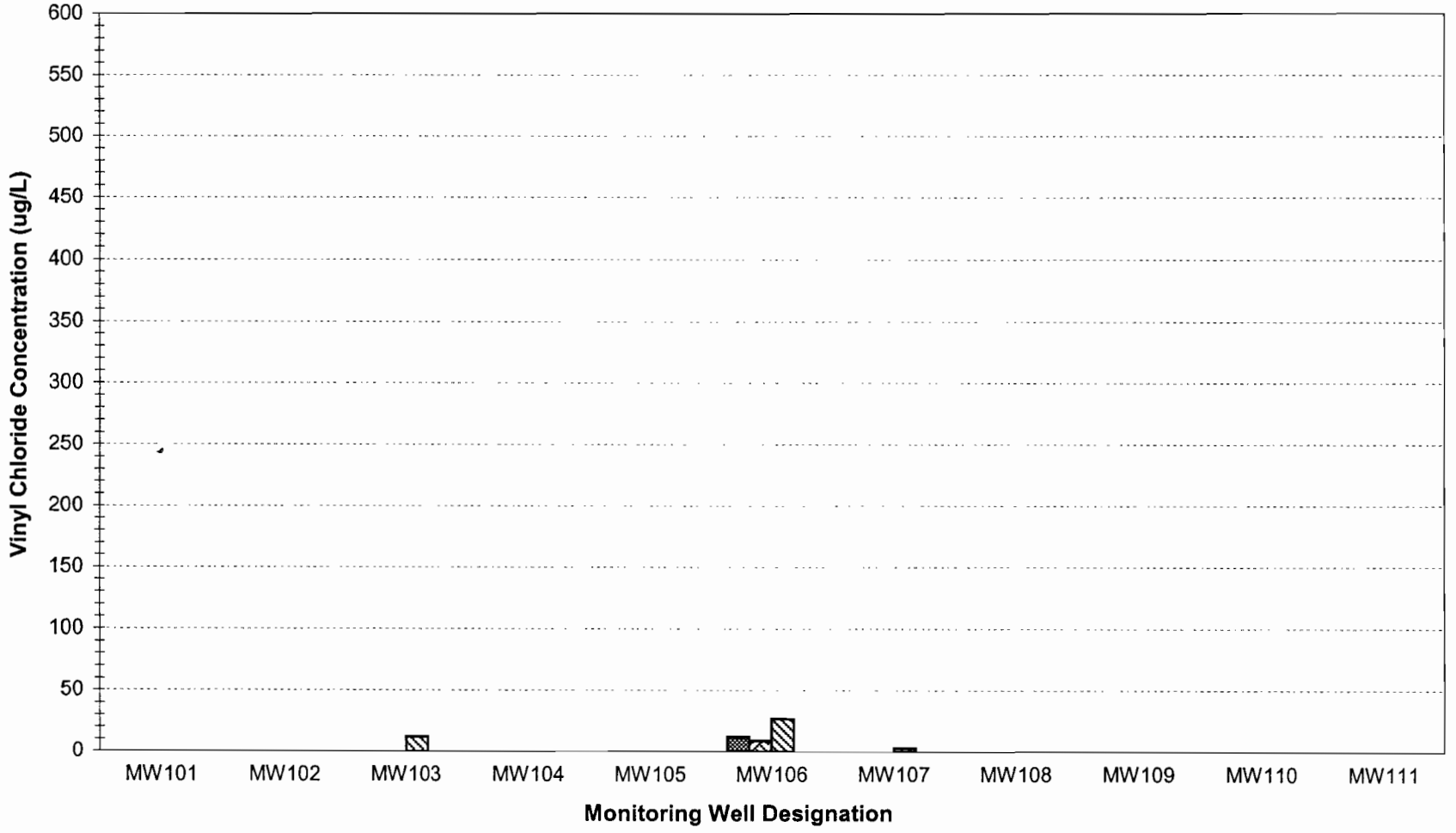
ABBREVIATIONS
gpm: gallons per minute
ug/L: micrograms per liter
lb/hr: pounds per hour

ATTACHMENT E

MONITORING WELL TREND BAR GRAPHS

GRAPH 1

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

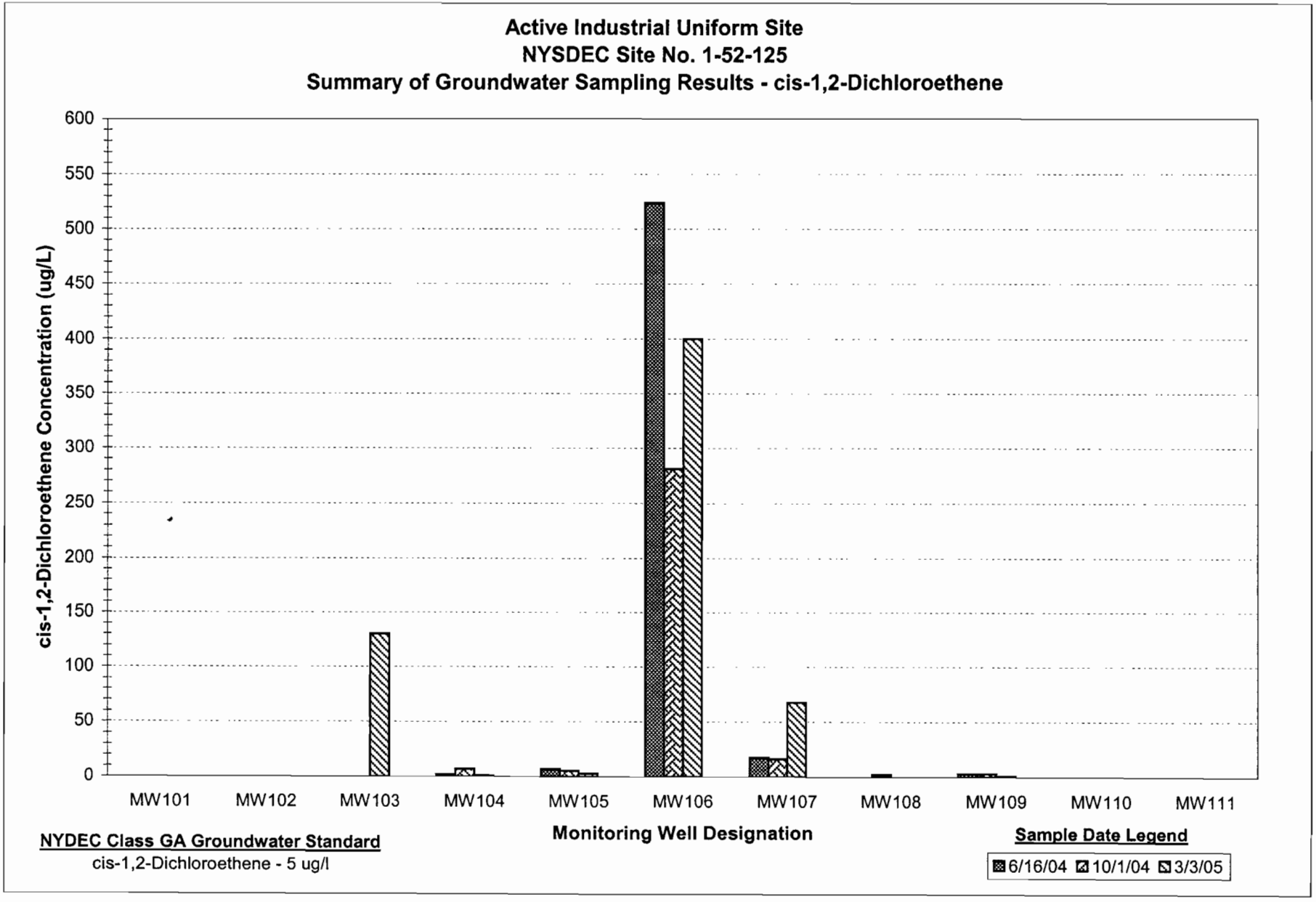


NYDEC Class GA Groundwater Standard
Vinyl Chloride - 2 ug/l

Sample Date Legend
6/16/04 10/1/04 3/3/05

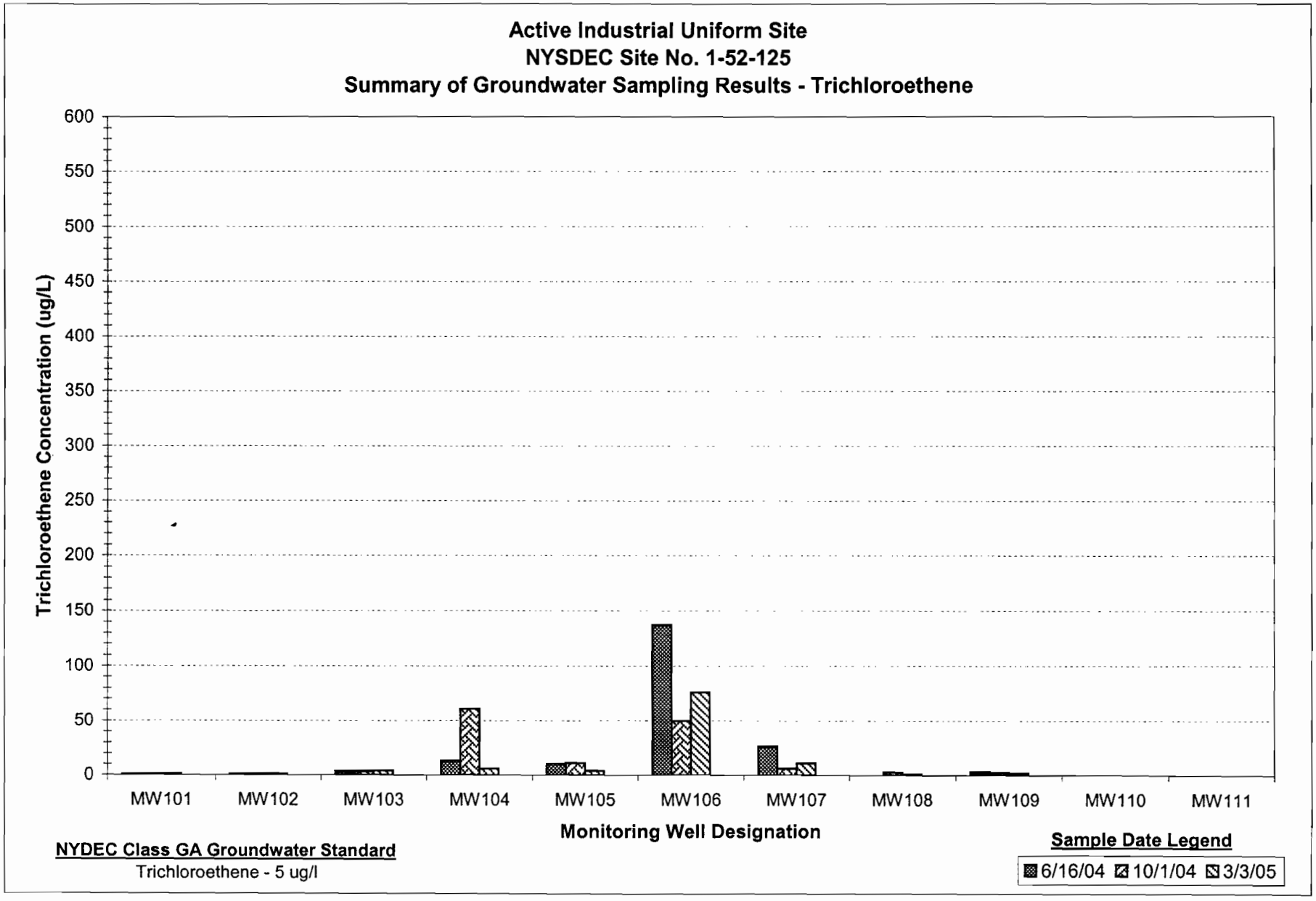
G:/FDeVita/Projects/Performance Monitoring/Active Industrial/Qiuarterly Reports/Quarter 1/Sampling Results.xls

GRAPH 2



G:/FDeVita/Projects/Performance Monitoring/Active Industrial/Qiuarterly Reports/Quarter 1/Sampling Results.xls

GRAPH 3



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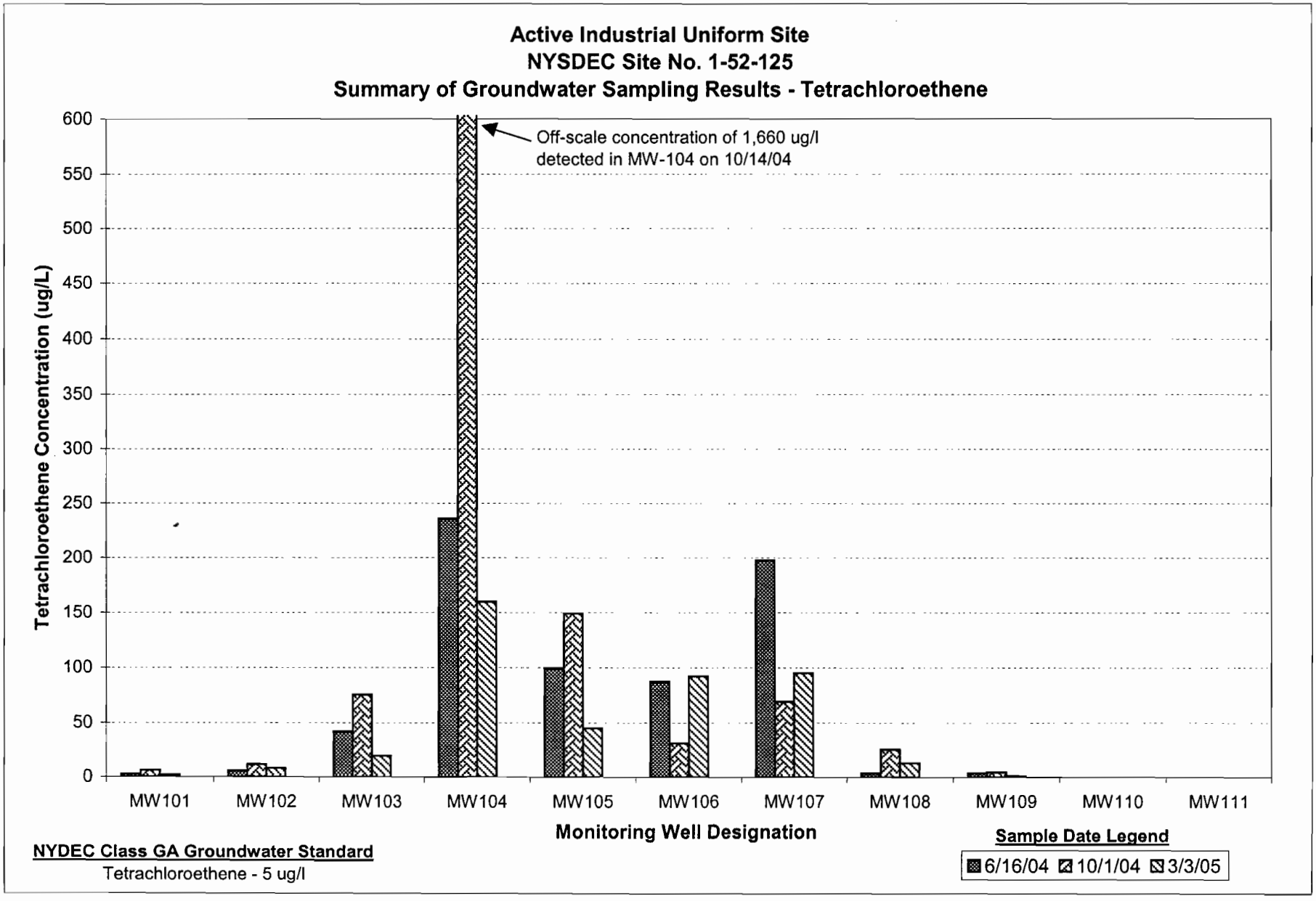
GRAPH 4



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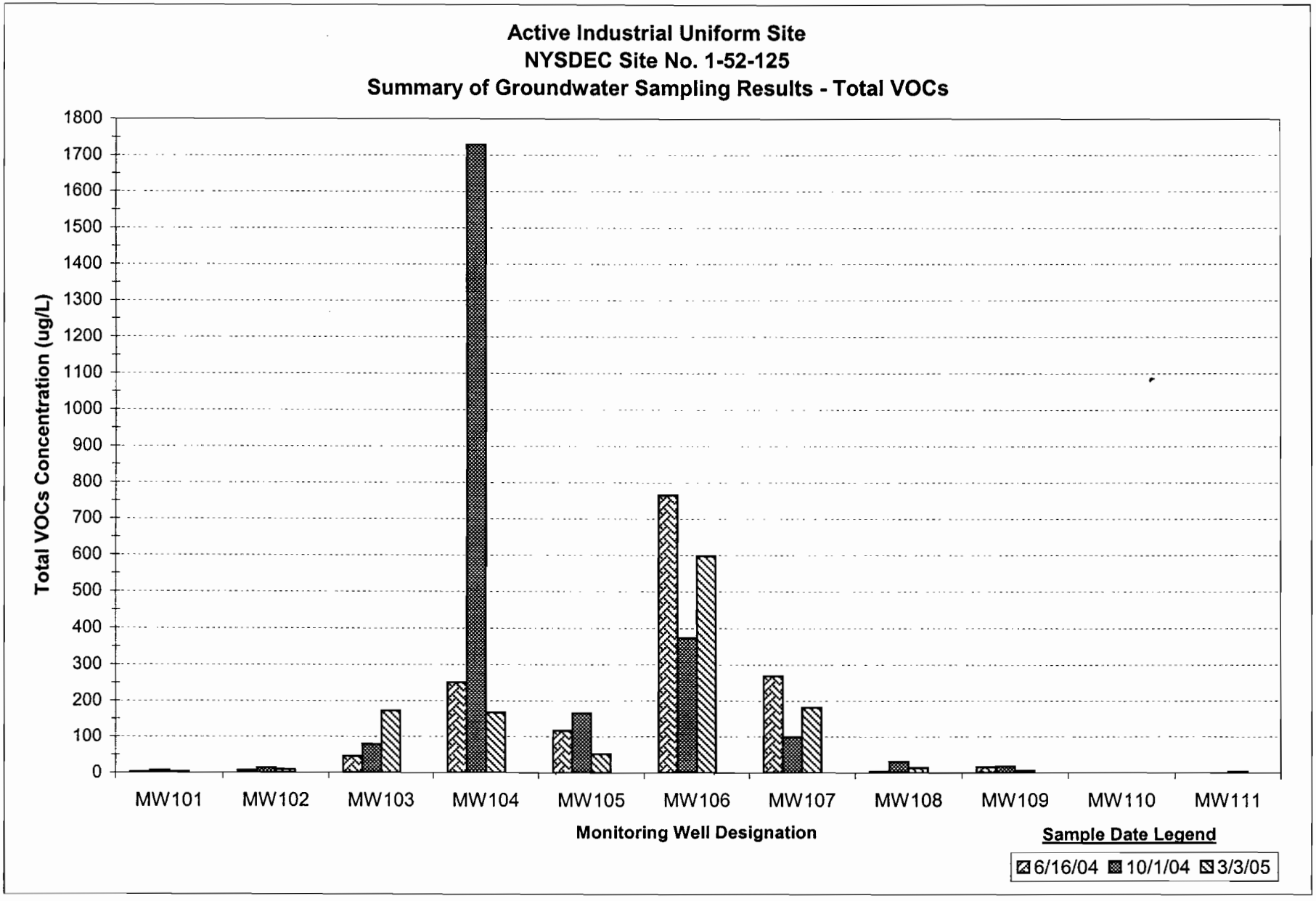
GRAPH 5



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