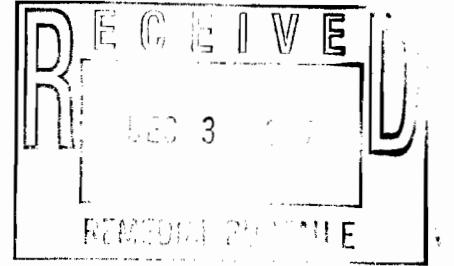




**Dvirk
and
Bartilucci**
CONSULTING ENGINEERS

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



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November 28, 2007

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

Re: Franklin Cleaners Site (Site No. 1-30-050)
D&B Work Assignment No. D004446-01
Quarterly Report No. 12 (June 1, 2007 through August 31, 2007)
D&B No. 2531-03

Dear Mr. Long:

The purpose of this letter is to summarize the performance monitoring of the groundwater extraction and treatment system, located approximately 1 mile south/downgradient of the Franklin Cleaners Site (see Attachment A, Figure 1). This performance monitoring report covers the period from June 1, 2007 through August 31, 2007. Presented below is a summary of system operations during the quarter, as well as the results of analytical testing completed, in accordance with the work plan for the referenced work assignment.

Groundwater Extraction and Treatment System Operations

During this period, extraction well EW-1 operated at an average pump rate of 39 gallons per minute (gpm). Extraction well EW-2 was not in operation from the beginning of the quarter through August 30, 2007, due to an overload failure of variable frequency drive (VFD) No. 2, as a result of a short circuit to the ground in the down-well/pump power cable assembly, as diagnosed by Systematic Technologies on December 6, 2006. Extraction well pump EW-2 was pulled and replaced on August 30, 2007, and operated at an average pump rate of 6.5 gpm through the remainder of the quarter.

Approximately 4,011,180 gallons of treated groundwater, based on measurements recorded at the treatment system discharge flow meter, were discharged to the Nassau County Department of Public Works (NCDPW) storm sewer system. It is noted that this volume is inconsistent with the influent flow meter which recorded approximately 3,627,100 gallons of groundwater entering the treatment system.

Mr. Payson Long
Division of Environmental Remediation
New York State Department of Environmental Conservation
November 28, 2007

During this period, the groundwater extraction and treatment system was inoperative for a total of approximately 664 hours due to system alarm conditions and routine system maintenance. The "down time" was not consecutive and occurred over the course of the reporting period involving nine alarm episodes and three maintenance events. A summary of system downtime is presented in Attachment B. Copies of routine system maintenance reports, as prepared by Systematic Technologies, are presented in Attachment C.

Groundwater Extraction and Treatment System Sampling

Samples were collected from the EW-1 well influent line sample tap, as well as from the air stripper (liquid) discharge sample tap, at a frequency of twice per month during the months of this period. No samples were collected from extraction well EW-2 during the period as the extraction well was inoperable. Each sample was analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method OLMO4.2. The samples collected from the air stripper discharge sample tap were also analyzed for iron and manganese by USEPA Method 200.7 and for pH by USEPA Method 150.1.

Sample results are presented in Attachment D. The analytical results of samples collected from the system influent are compared to the NYSDEC Class GA Groundwater Standards and Guidance Values, and the analytical results of samples collected from the air stripper discharge are compared to the effluent limitations. As can be seen from the analytical results in Attachment D, extraction well EW-1 continues to extract tetrachloroethene (PCE) at concentrations ranging from a low of 5 micrograms per liter ($\mu\text{g/l}$) on June 26, 2007, to a high of 17 $\mu\text{g/l}$ on August 23, 2007. The discharge sample results for the period were all below the VOC effluent limitations and were also in compliance with the iron, manganese and pH effluent limitations.

Approximately 0.30 pounds of PCE were removed from the extracted groundwater by the low profile air stripper during the reporting period. The average PCE removal efficiency for this quarter was greater than 95 percent. Refer to Attachment E for a summary of the extraction and treatment system performance results since the system was placed in operation.

Vapor phase samples were collected from the two carbon adsorption unit influent and effluent sample taps at a frequency of once per week. Each sample was collected by filling a Tedlar bag directly from the sample taps and the samples were screened using a calibrated, handheld photoionization detector (PID). During the period, all PID readings collected at the carbon vessel outlets were 0.0 parts per million (ppm). Refer to Attachment D for results of vapor phase samples collected during the period.

Groundwater Quality Data

The network of downgradient groundwater monitoring wells was sampled to evaluate the effectiveness of the groundwater extraction and treatment system. Samples were collected from ASMW-1, ASMW-2, ASMW-3, ASMW-4, ASMW-5, ASMW-6 and ASMW-7 on August 15, 2007. Samples were analyzed

Mr. Payson Long
Division of Environmental Remediation
New York State Department of Environmental Conservation
November 28, 2007

for VOCs by USEPA Method OLMO4.2. The locations of the monitoring wells are shown in Figure 2 in Attachment A.

The results of the analyses of the samples collected from the monitoring wells are presented in Attachment D and summarized on Figure 2 in Attachment A. The results are compared to the NYSDEC Class GA Groundwater Standards and Guidance Values. The concentration of PCE detected in the sample from monitoring well ASMW-1 increased from non-detect (May 17, 2007) to 3 ug/l (August 15, 2007). The concentration of PCE from monitoring well ASMW-2 decreased from 44 ug/l (May 17, 2007) to 26 ug/l (August 15, 2007) but continues to maintain a historical decreasing trend. The detected concentration of PCE in the sample from monitoring well ASMW-3 continues to be below the standard. VOCs were not detected at concentrations above the standards or guidance values in the samples collected from groundwater monitoring wells ASMW-3, ASMW-4, ASMW-5, ASMW-6 and ASMW-7 during this period. Please refer to the trend line graphs provided in Attachment E, which summarize PCE concentrations detected in samples collected from ASMW-1, ASMW-2 and ASMW-3 since June 2003.

Data Validation

The biweekly system samples and groundwater samples have been analyzed for VOCs by Mitkem Corporation (Mitkem). The effluent sample (AS-1) was also analyzed for iron, manganese and pH. Mitkem is a New York State Department of Health Environmental Laboratory Approval Program-certified laboratory. The data packages submitted by Mitkem have been reviewed for completeness and compliance with the NYSDEC Analytical Services Protocol (ASP) Quality Assurance/Quality Control (QA/QC) requirements. 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.
- Sample ASMW-2 has surrogate recoveries outside QC limits. The sample was reanalyzed with similar results; therefore, the data from the initial analysis has been utilized for environmental assessment purposes.
- No problems were noted with sample results and qualification of the data was not required.

Conclusions

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

- The analytical results of the system influent samples show that the extraction well EW-1 continues to capture VOC-contaminated groundwater.

Dvirka and Bartilucci
CONSULTING ENGINEERS

Mr. Payson Long
Division of Environmental Remediation
New York State Department of Environmental Conservation
November 28, 2007

Page 4

- The analytical results of the groundwater discharge samples show that the air stripper is effectively removing the captured VOCs and reducing concentrations to below the discharge criteria.
- The detection of PCE in groundwater monitoring well ASMW-1 continues to be below the standard (5 ug/l) and indicates that the extraction system is continuing to reduce the horizontal extent of the PCE plume.
- Concentrations of PCE detected in groundwater monitoring well ASMW-2 decreased from 44 ug/l (May 17, 2007) to 26 ug/l (August 15, 2007) and continue to constitute a decreasing trend from a high of 69 ug/l (November 11, 2005) for the past 2-year period.

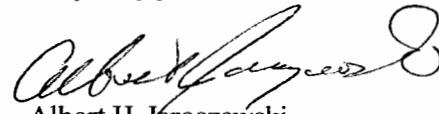
Recommendations

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

- Continue operation of the groundwater extraction and treatment system to minimize downgradient migration of PCE, currently being captured by the system.
- Continue groundwater monitoring through the existing monitoring well network to determine contaminant concentration trends over time and to evaluate the continued effectiveness of the remediation system.

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

Very truly yours,



Albert H. Jaroszewski
Project Manager

AHJ/CM/tpg,kap

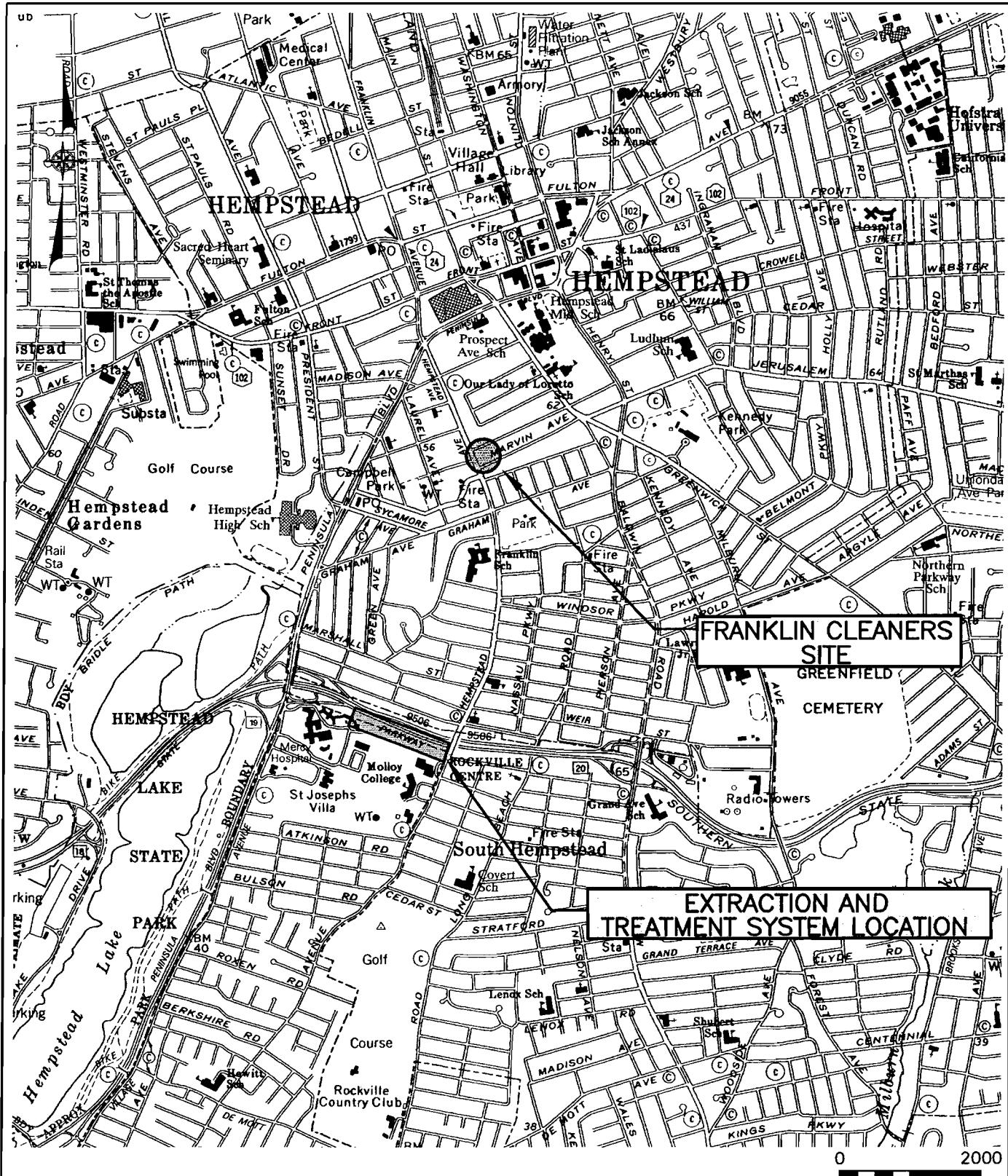
Attachments

cc: J. Trad (NYSDEC)
J. Neri (H2M)
R. Walka (D&B)
P. Martorano (D&B)

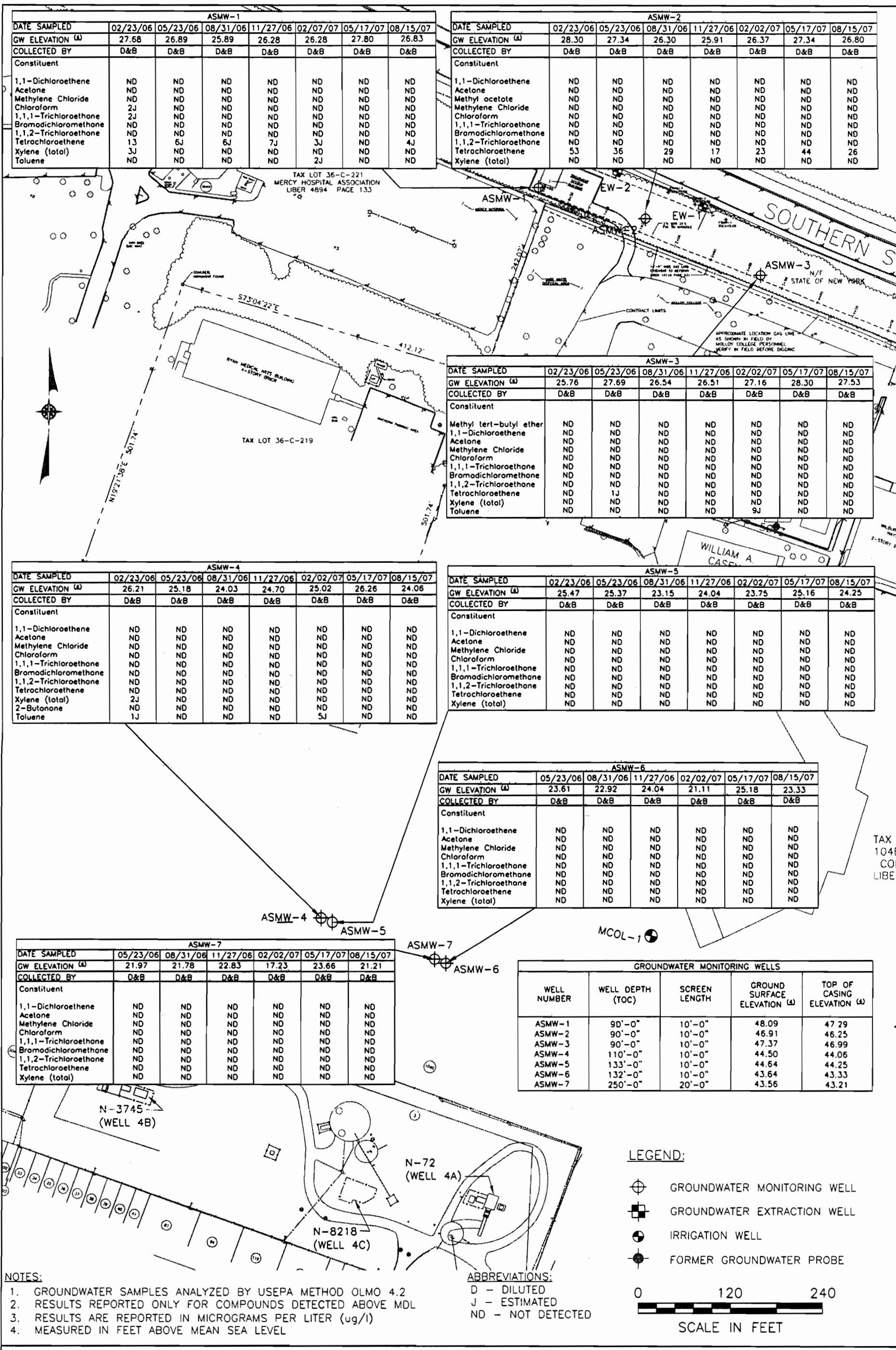
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ATTACHMENT A

FIGURES



SOURCE: USGS FREEPORT AND LYNBROOK QUADRANGLES



FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK
MONITORING WELL LOCATION MAP AND SUMMARY OF SAMPLE RESULTS
THROUGH AUGUST 2007

FIGURE 2

ATTACHMENT B

DESCRIPTION OF SYSTEM ALARM CONDITIONS

**FRANKLIN CLEANERS SITE
NYSDEC CONTRACT NO. D004446 / SITE NO. 1-30-05
SUMMARY OF SYSTEM DOWNTIME**

NOTES:

- ## 1. Maintenance event performed by Systematic Technologies, Inc.

ATTACHMENT C

SYSTEM MAINTENANCE REPORTS

MAINTENANCE AND INSPECTION REPORT

FRANKLIN CLEANERS SITE, ROCKVILLE CENTRE, NY

Date: 6/8/07

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

Check off Items that were completed:

- Item 1: Snow Removal
- Item 2A: Pressure Blower Maintenance
- Item 2B: Pressure Blower Fan Wheel Replacement
- Item 3: Air Stripper Maintenance
- Item 4: Granular Activated Carbon Removal and Replacement
- Item 5: Submersible Wet Well Pump Maintenance and Inspection
- Item 6: Non-routine Maintenance

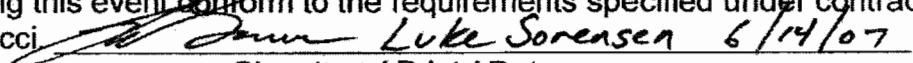
Description of Work:

Diagnosed inoperable conductivity probes in EW-1. Probes seem to be fouled with scaling. Unable to remove probes from well for cleaning. Advised F. Devita to replace probes.

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



Signature / Print / Date

MAINTENANCE AND INSPECTION REPORT

FRANKLIN CLEANERS SITE, ROCKVILLE CENTRE, NY

Date: 6/11/07

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

Check off Items that were completed:

- Item 1: Snow Removal
- Item 2A: Pressure Blower Maintenance
- Item 2B: Pressure Blower Fan Wheel Replacement
- Item 3: Air Stripper Maintenance
- Item 4: Granular Activated Carbon Removal and Replacement
- Item 5: Submersible Wet Well Pump Maintenance and Inspection
- Item 6: Non-routine Maintenance

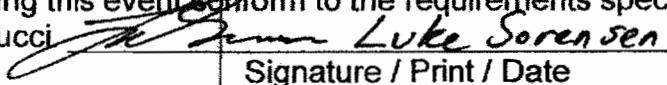
Description of Work:

- 1.) Cleared vegetation within compound
- 2.) Jumped EW-1 conductivity probes with those of EW-2

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.

 Signature / Print / Date

6/14/07

MAINTENANCE AND INSPECTION REPORT

FRANKLIN CLEANERS SITE, ROCKVILLE CENTRE, NY

Date: 6/28/07

Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	President	1145	1645	5

Check off Items that were completed:

- Item 1: Snow Removal
- Item 2A: Pressure Blower Maintenance
- Item 2B: Pressure Blower Fan Wheel Replacement
- Item 3: Air Stripper Maintenance
- Item 4: Granular Activated Carbon Removal and Replacement
- Item 5: Submersible Wet Well Pump Maintenance and Inspection
- Item 6: Non-routine Maintenance

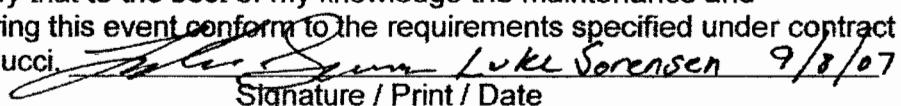
Description of Work:

- 1.) Item 2A: Pressure Blower Maintenance;
- 2.) Item 6: Non-Routine Maintenance: Replaced conductivity probes in well EW-1.

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used
Conductivity Probe with Cable and Adaptor Kit	Gems/Warrick	3W2	2
Bearing Grease	ExxonMobil	Mobilith SHC100	Not Measurable

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

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


Signature / Print / Date
Luke Sorensen 9/3/07

MAINTENANCE AND INSPECTION REPORT

ACTIVE INDUSTRIAL UNIFORM SITE, LINDENHURST, NY

Date: 7/31/07

Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	President	1300	1730	4.5

Check off Items that were completed:

- | | |
|--|---|
| <input type="checkbox"/> Item 1: Snow Removal | <input type="checkbox"/> Item 6: Removal and Replacement of Air Stripper Packing Material |
| <input type="checkbox"/> Item 2: Pressure Blower Maintenance | <input type="checkbox"/> Item 7: Solids Filtration Change-out |
| <input type="checkbox"/> Item 2A: Pressure Blower Fan Wheel Replacement | <input checked="" type="checkbox"/> Item 8: Non-Routine Maintenance Services |
| <input type="checkbox"/> Item 3: Transfer Pump Maintenance | |
| <input type="checkbox"/> Item 4: Air Stripper Maintenance | |
| <input type="checkbox"/> Item 5: Granular Activated Carbon Removal and Replacement | |

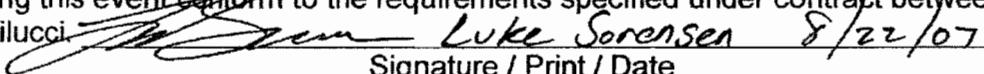
Description of Work:

Item 8: Non-Routine Maintenance Services:

- 1.) Repaired damaged fence
- 2.) Filled sinkhole in parking lot

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used
Repair Section of Chain-Link Fence	Unknown	72"x24" Galvanized	1
Recycled Concrete/Asphalt Blend	N/A	N/A	1 Cubic Yard
Description of Waste Generated	Volume of Waste	Disposal Facility (Name & Address)	Waste Transporter (Name & Address)

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


Luke Sorensen 8/22/07

Signature / Print / Date

MAINTENANCE AND INSPECTION REPORT

FRANKLIN CLEANERS SITE, ROCKVILLE CENTRE, NY

Date: 8/10/07

Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	President	0930	1400	4.5

Check off Items that were completed:

- Item 1: Snow Removal
- Item 2A: Pressure Blower Maintenance
- Item 2B: Pressure Blower Fan Wheel Replacement
- Item 3: Air Stripper Maintenance
- Item 4: Granular Activated Carbon Removal and Replacement
- Item 5: Submersible Wet Well Pump Maintenance and Inspection
- Item 6: Non-routine Maintenance

Description of Work:

Item 2A: Pressure Blower Maintenance

Item 6: Non-Routine Maintenance: Diagnosed inoperable Sump Pump #2

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used
Bearing Grease	ExxonMobil	Mobilith SHC100	Not Measurable
Description of Waste Generated	Volume of Waste	Disposal Facility (Name & Address)	Waste Transporter (Name & Address)

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

John Luke Sorensen 8/22/07

Signature / Print / Date

MAINTENANCE AND INSPECTION REPORT

FRANKLIN CLEANERS SITE, ROCKVILLE CENTRE, NY

Date: 8/17/07

Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	President	1610	1730	1.33

Check off Items that were completed:

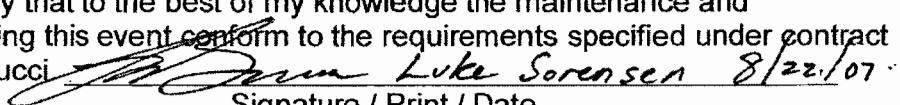
- Item 1: Snow Removal
- Item 2A: Pressure Blower Maintenance
- Item 2B: Pressure Blower Fan Wheel Replacement
- Item 3: Air Stripper Maintenance
- Item 4: Granular Activated Carbon Removal and Replacement
- Item 5: Submersible Wet Well Pump Maintenance and Inspection
- Item 6: Non-routine Maintenance

Description of Work:

Item 6: Non-Routine Maintenance: Installed new "Pump On" high level float in wet well

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used
Liquid Level Controller	ITT Flygt	ENM-10	1
Description of Waste Generated	Volume of Waste	Disposal Facility (Name & Address)	Waste Transporter (Name & Address)

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


Signature / Print / Date

MAINTENANCE AND INSPECTION REPORT

FRANKLIN CLEANERS SITE, ROCKVILLE CENTRE, NY

Date: 8/30/07

Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	President	0845	1930	10.75

Check off Items that were completed:

- Item 1: Snow Removal
- Item 2A: Pressure Blower Maintenance
- Item 2B: Pressure Blower Fan Wheel Replacement
- Item 3: Air Stripper Maintenance
- Item 4: Granular Activated Carbon Removal and Replacement
- Item 5: Submersible Wet Well Pump Maintenance and Inspection
- Item 6: Non-routine Maintenance

Description of Work:

Item 6: Non-Routine Maintenance: Removal/replacement of EW-2 well pump and level probes:

- Removed existing pump/motor, level probes;
- Redeveloped well via. surge block/overpumping until D&B staff approved water turbidity;
- Re-used existing pump cooling shroud, fabricated rubber bushing to adapt shroud to new pump which had a smaller discharge than existing unit;
- Installed new pump/motor, level probes;
- Cleaned flow meter;
- Re-started well: New pump making ~ 6.5 GPM upon departure from site ~ 1 hr. after startup.

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used
Conductivity Probe with Cable and Adaptor Kit	Gems/Warrick	3W2	2
Well Pump/Motor	Grundfos/Franklin	5E8-2HP/200V/3PH	1
PTFE Motor Lead	Morris Industries	PTFE12GA/3W/G	1
Misc. Pipe/Hose Fittings	Ward, Hayward	Unknown	3
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.

John Luke Sorensen 9/8/07

ATTACHMENT D

ANALYTICAL RESULTS

**FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004446 / SITE No. 1-30-050
RESULTS OF ANALYSIS OF EW-1 [INFILUENT**

NOTES

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ABBREVIATIONS

Chaitin-Gödel-Schmid

Concentration exceeds NYSDDEC Class GA
Groundwater Standards or Guidance Values

ST: Standard Value

U: Compound analyzed for but not detected

- EW-1 turned off on 11/15/05 due to a high load on the pump. Pump was shutdown to be replaced.

**FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004446 / SITE No. 1-30-050
RESULTS OF ANALYSIS OF AIR STRIPPER EFFLUENT FOR VOCs**

NOTES.

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ST: Standard Value
CV: Guidance Value

Concentration exceeds Site limitation

U: Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated
U*: Result qualified as non-defect due to validation criteria

FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004446 / SITE No. 1-30-050
RESULTS OF ANALYSIS OF AIR STRIPPER EFFLUENT IRON, MANGANESE AND pH

SAMPLE ID	SYSTEM	SYSTEM	SYSTEM	SYSTEM	EFFLUENT LIMITATIONS	
	EFFLUENT (AS-1)	EFFLUENT (AS-1)	EFFLUENT (AS-1)	EFFLUENT (AS-1)	WATER	WATER
SAMPLE TYPE	WATER	WATER	WATER	WATER		
DATE OF COLLECTION	6/14/2007	6/26/2007	7/10/2007	7/27/2007	8/23/2007	
COLLECTED BY	D&B	D&B	D&B	D&B	D&B	
UNITS	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
METALS						
Iron	32.9 B	296	148 B	100 B	128 B	
Manganese	39.5 B	73.3	37.7 B	36.8 B	41.3 B	
pH (S.U.)	7.5	7.4	7.4	7.4	7.3	6.5 to 8.5

ABBREVIATIONS:
ug/L. Micrograms per liter

QUALIFIERS:
B: Concentration is greater than the instrument detection limit (IDL) but less than the Contract Required Detection Limit (CRDL)
*: Result qualified as suspect based on validation criteria.

FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004446 / SITE No. 1-30-050
RESULTS OF GROUNDWATER SAMPLING

SAMPLE ID	ASMW-1 WATER	ASMW-2 WATER	ASMW-3 WATER	ASMW-4 WATER	ASMW-5 WATER	ASMW-6 WATER	ASMW-7 WATER	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
SAMPLE TYPE	8/15/2007	8/15/2007	8/15/2007	8/15/2007	8/15/2007	8/15/2007	8/15/2007	8/15/2007
DATE OF COLLECTION	D&B (ug/L)							
COLLECTED BY								
UNITS								
Dichlorodifluoromethane	U	U	U	U	U	U	U	5 ST
Chloromethane	U	U	U	U	U	U	U	~
Vinyl chloride	U	U	U	U	U	U	U	2 ST
Bromomethane	U	U	U	U	U	U	U	5 ST
Chloroethane	U	U	U	U	U	U	U	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	5 ST
1,1-Dichloroethene	U	U	U	U	U	U	U	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	5 ST
Acetone	U	U	U	U	U	U	U	~
Carbon disulfide	U	U	U	U	U	U	U	50 GV
Methyl acetate	U	U	U	U	U	U	U	60 GV
Methylene chloride	U	U	U	U	U	U	U	~
trans 1,2-Dichloroethene	U	U	U	U	U	U	U	5 ST
Methyl-tert butyl ether	U	U	U	U	U	U	U	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	U	5 ST
cis-1,2-Dichloroethene	U	U	U	U	U	U	U	5 ST
2-Butanone	U	U	U	U	U	U	U	50 GV
Chloroform	U	U	U	U	U	U	U	7 ST
1,1,1-Trichloroethane	U	U	U	U	U	U	U	5 ST
Cyclohexane	U	U	U	U	U	U	U	~
Carbon tetrachloride	U	U	U	U	U	U	U	5 ST
Benzene	U	U	U	U	U	U	U	50 GV
1,2-Dichloroethane	U	U	U	U	U	U	U	0.6 ST
Trichloroethene	U	U	U	U	U	U	U	5 ST
Methylcyclohexane	U	U	U	U	U	U	U	~
1,2-Dichloropropane	U	U	U	U	U	U	U	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	0.4 ST
4-Methyl-2-pentanone	U	U	U	U	U	U	U	0.4 ST
Toluene	U	U	U	U	U	U	U	1 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	~
1,1,2-Trichloroethane	U	U	U	U	U	U	U	5 ST
Tetrachloroethane	U	U	U	U	U	U	U	5 ST
2-Hexanone	U	U	U	U	U	U	U	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	U	5 ST
Chlorobenzene	U	U	U	U	U	U	U	5 ST
Ethylbenzene	U	U	U	U	U	U	U	5 ST
Xylene (total)	U	U	U	U	U	U	U	3 ST
Styrene	U	U	U	U	U	U	U	3 ST
Bromoform	U	U	U	U	U	U	U	0.04 ST
Isopropylbenzene	U	U	U	U	U	U	U	50 GV
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	3 ST
1,4-Dichlorobenzene	U	U	U	U	U	U	U	3 ST
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U	3 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	5 ST

NOTES:

 Concentration exceeds NYSDEC Class GA
Groundwater Standards or Guidance Values

 ug/L = Micrograms per liter
--: Not established

 ST: Standard Value
GV: Guidance Value

U Compound analyzed for but not detected
J: Compound found at a concentration below CRDL, value estimated

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FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004446 / SITE No. 1-30-050
VAPOR PHASE SAMPLE RESULTS

SAMPLE ID	CARBON VESSEL NO. 1 INFLUENT	CARBON VESSEL NO. 1 EFFLUENT	CARBON VESSEL NO. 2 INFLUENT	CARBON VESSEL NO. 2 EFFLUENT
SAMPLE TYPE	AIR	AIR	AIR	AIR
COLLECTED BY	D&B	D&B	D&B	D&B
UNITS	(ppm)	(ppm)	(ppm)	(ppm)
DATE OF COLLECTION	<i>PID Reading</i>	<i>PID Reading</i>	<i>PID Reading</i>	<i>PID Reading</i>
June 14, 2007	0.0	0.0	0.0	0.0
June 19, 2007	0.0	0.0	0.0	0.0
June 24, 2007	0.0	0.0	0.0	0.0
July 6, 2007	0.0	0.0	0.0	0.0
July 10, 2007	0.0	0.0	0.0	0.0
July 21, 2007	0.0	0.0	0.0	0.0
July 27, 2007	0.0	0.0	0.0	0.0
July 30, 2007	0.0	0.0	0.0	0.0
August 20, 2007	0.0	0.0	0.0	0.0
August 23, 2007	0.0	0.0	0.0	0.0
August 29, 2007	0.0	0.0	0.0	0.0

NOTES:

Samples were collected by filling a Tedlar bag at each of the sampling locations. Samples were tested using a handheld photoionization detector (PID).
 * Sample not taken due to sporadic and inconsistent readings from PID, possibly due to very cold weather and possible condensation on the bulb.

ATTACHMENT E

PERFORMANCE SUMMARY

FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D00446 / SITE No. 1-30-050
EXTRACTION AND TREATMENT SYSTEM PERFORMANCE RESULTS

DATE OF SAMPLE COLLECTION (1)	SYSTEM INFLUENT (EW-1) AVERAGE EXTRACTION RATE (gpm)	SYSTEM PCE CONCENTRATION (ug/l)	SYSTEM INFILTRANT (EW-2) AVERAGE EXTRACTION RATE (gpm)	SYSTEM INFILTRANT (EW-2) PCE CONCENTRATION (ug/l)	SYSTEM EFFLUENT (AS-1) PCE CONCENTRATION (ug/l)	PCE REMOVAL EFFICIENCY (%)	ESTIMATED AVERAGE PCE REMOVAL RATE (lb/hr)	ESTIMATED SYSTEM RUNTIME (hr)	ESTIMATED CUMULATIVE PCE REMOVAL (lbs)	
									(2)	(3)
8/31/2005	35.3	24	2.5	180	< 0.5	98.54	6.50E-04	525	25.36 (4)	
9/12/2005	38.0	21	2.4	170	< 0.5	98.33	6.04E-04	192	25.48	
9/26/2005	37.0	26	2.0	160 D	< 0.5	98.48	6.44E-04	310	25.68	
10/10/2005	36.5	19	2.0	160	< 0.5	98.10	5.08E-04	313	25.84	
10/24/2005	37.4	24	2.4	150	< 0.5	98.42	6.30E-04	300	26.03	
11/8/2005	37.8	26	2.6	190 D	< 0.5	98.63	7.40E-04	306	26.25	
11/21/05 (5)	37.8	26	2.0	200	< 0.5	98.56	4.92E-04	136	507	26.42 (6)
12/5/2005	0.0	NS	1.6	170	< 0.5	99.71	1.30E-04	106	26.43	
12/21/2005	0.0	NS	3.0	140	< 0.5	99.64	2.10E-04	241	26.49	
1/4/2006	0.0	NS	2.8	180	< 0.5	99.72	2.52E-04	340	26.57	
1/24/2006	0.0	NS	2.8	160	< 0.5	99.69	2.24E-04	462	26.67	
2/6/2006	0.0	NS	2.4	160	< 0.5	99.69	1.94E-04	311	26.73	
2/21/2006	0.0	NS	3.1	180	< 0.5	99.72	2.75E-04	425	26.73 (4)	
3/7/2006	0.0	NS	2.9	140	< 0.5	99.64	2.03E-04	154	26.77	
3/22/2006	0.0	NS	3.0	160	< 0.5	99.69	2.40E-04	361	26.85	
4/3/2006	0.0	NS	2.8	82	< 0.5	99.39	1.15E-04	287	26.89	
4/18/2006	0.0	NS	2.9	120	< 0.5	99.58	1.74E-04	363	26.95	
5/9/2006	0.0	NS	3.1	100	< 0.5	99.50	1.55E-04	481	27.02	
5/22/2006	0.0	NS	3.0	130	< 0.5	99.62	1.95E-04	312	27.08 (4)	
6/5/2006	0.0	NS	2.6	120	< 0.5	99.58	1.56E-04	337	27.14	
6/19/2006	0.0	NS	2.7	120	< 0.5	99.58	1.62E-04	327	27.19	
7/6/2006	0.0	NS	3.1	110	< 0.5	99.55	1.71E-04	301	27.24	
7/17/2006	0.0	NS	3.0	130	< 0.5	99.62	1.95E-04	354	27.31 (4)	
9/12/2006	38.9	23	0.0	NS	< 0.5	97.83	4.48E-04	122	27.37	
9/25/2006	38.6	23	0.0	NS	< 0.5	97.83	4.45E-04	311	27.50	
10/2/2006	40.2	22	0.0	NS	< 0.5	97.73	4.43E-04	169	27.58	
10/16/2006	39.8	22	0.0	NS	< 0.5	97.73	4.38E-04	335	27.73	
10/30/2006	39.2	24	0.0	NS	< 0.5	97.92	4.71E-04	280	27.86	
11/13/2006	37.8	18 B	0.0	NS	< 0.5	97.22	3.41E-04	335	27.97	
11/28/2006	41.1	17	0.0	NS	< 0.5	97.06	3.50E-04	418	28.12 (4)	
12/15/2006	39.3	19	0.0	NS	< 0.5	97.37	3.74E-04	261	28.21	
12/28/2006	41.2	20	0.0	NS	< 0.5	97.50	4.13E-04	309	28.34	
1/17/2007	38.3	17	0.0	NS	< 0.5	97.06	3.26E-04	311	28.44	
1/22/2007	38.9	18	0.0	NS	< 0.5	97.22	3.51E-04	289	28.55	
2/7/2007	37.9	19	0.0	NS	< 0.5	97.37	3.61E-04	383	28.68	
2/23/2007	36.9	13	0.0	NS	< 0.5	96.15	2.40E-04	489	28.80 (4)	
3/5/2007	38.0	9 J	0.0	NS	< 0.5	94.44	1.71E-04	112	28.82	
3/23/2007	41.1	19	0.0	NS	< 0.5	97.37	3.91E-04	431	29.09	
4/3/2007	39.2	20	0.0	NS	< 0.5	97.50	3.93E-04	190	29.06	
4/16/2007	40.5	17	0.0	NS	< 0.5	97.06	3.45E-04	286	29.16	
5/2/2007	39.2	16	0.0	NS	< 0.5	96.88	3.14E-04	284	29.25	
5/16/2007	39.5	16	0.0	NS	< 0.5	96.88	3.16E-04	336	29.36	
5/29/2007	41.4	15	0.0	NS	< 0.5	96.67	3.11E-04	417	29.49 (4)	
6/14/2007	39.3	14	0.0	NS	< 0.5	96.43	2.78E-04	182		
6/24/2007	39.3	5	0.0	NS	< 0.5	90.00	9.84E-05	216		
7/10/2007	39.2	12	0.0	NS	< 0.5	95.89	2.36E-04	263		
7/27/2007	37.7	14	0.0	NS	< 0.5	96.43	2.64E-04	364	29.72	
8/23/2007	38.3	17	6.5	53 (4)	< 0.5	93.50	3.26E-04	191	28	29.78 (4)

NOTES:

ABBREVIATIONS:

QUALIFIERS:

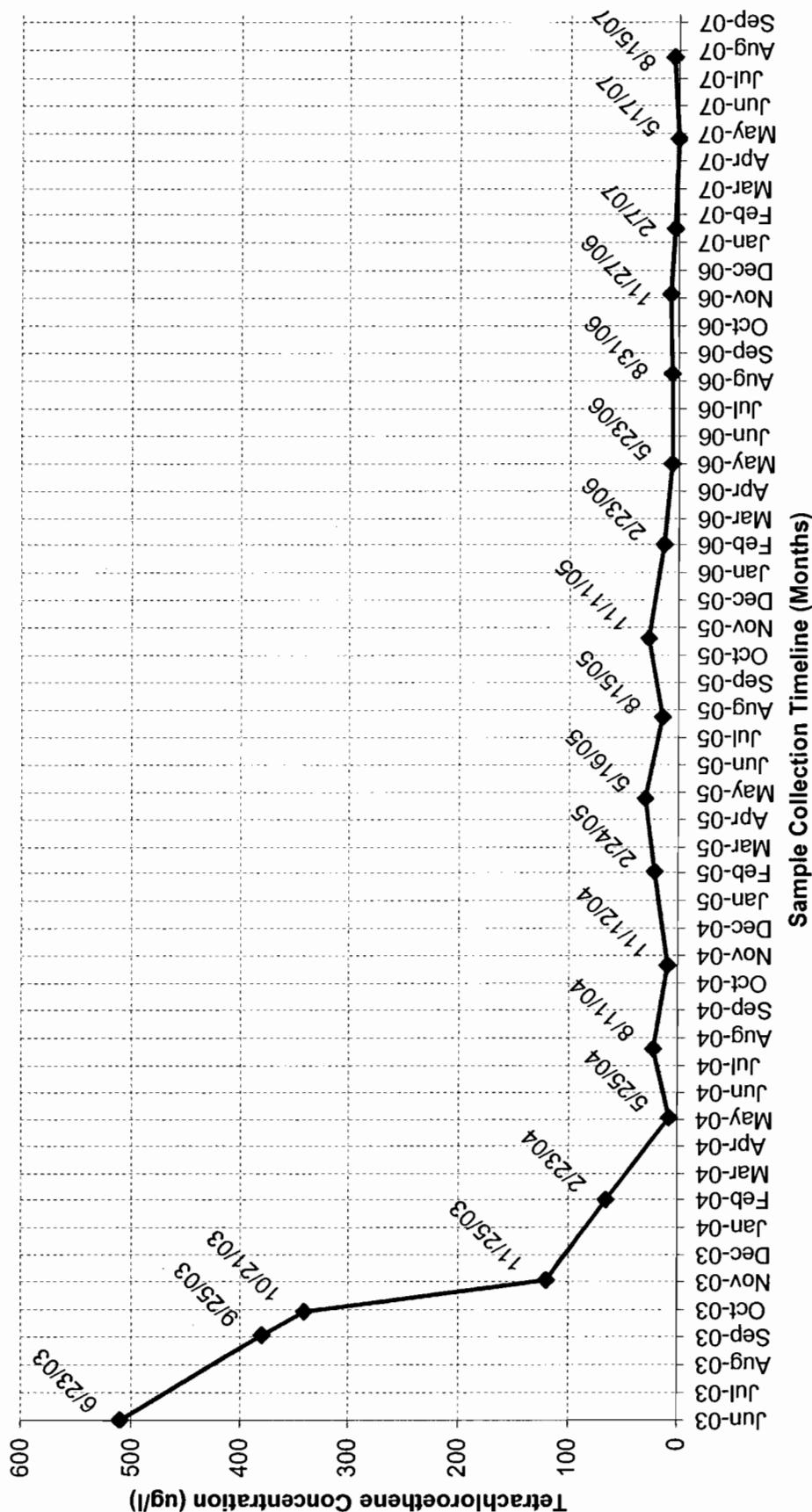
1. Data from 9/23/03 through 8/25/04 reported by URS Corporation.
2. PCE removal calculations as of September 9, 2003 system start-up date.
3. Performance results for the reporting period are shaded.
4. Estimated through the end of the reporting period.
5. Results show removal efficiency and runtimes for both EW-1 and EW-2
6. EW-2 result estimated based on 9/5/07 sample result

gpm: gallons per minute
ug/L: micrograms per liter
lb/hr: pounds per hour
NS: Not sampled

D: Result taken from reanalysis at a secondary dilution
J: Compound found at a concentration below CRDL, value estimated
B: Compound detected in method blank as well as the sample, value estimated
E: Compound concentration exceeds instrument calibration range, value estimated

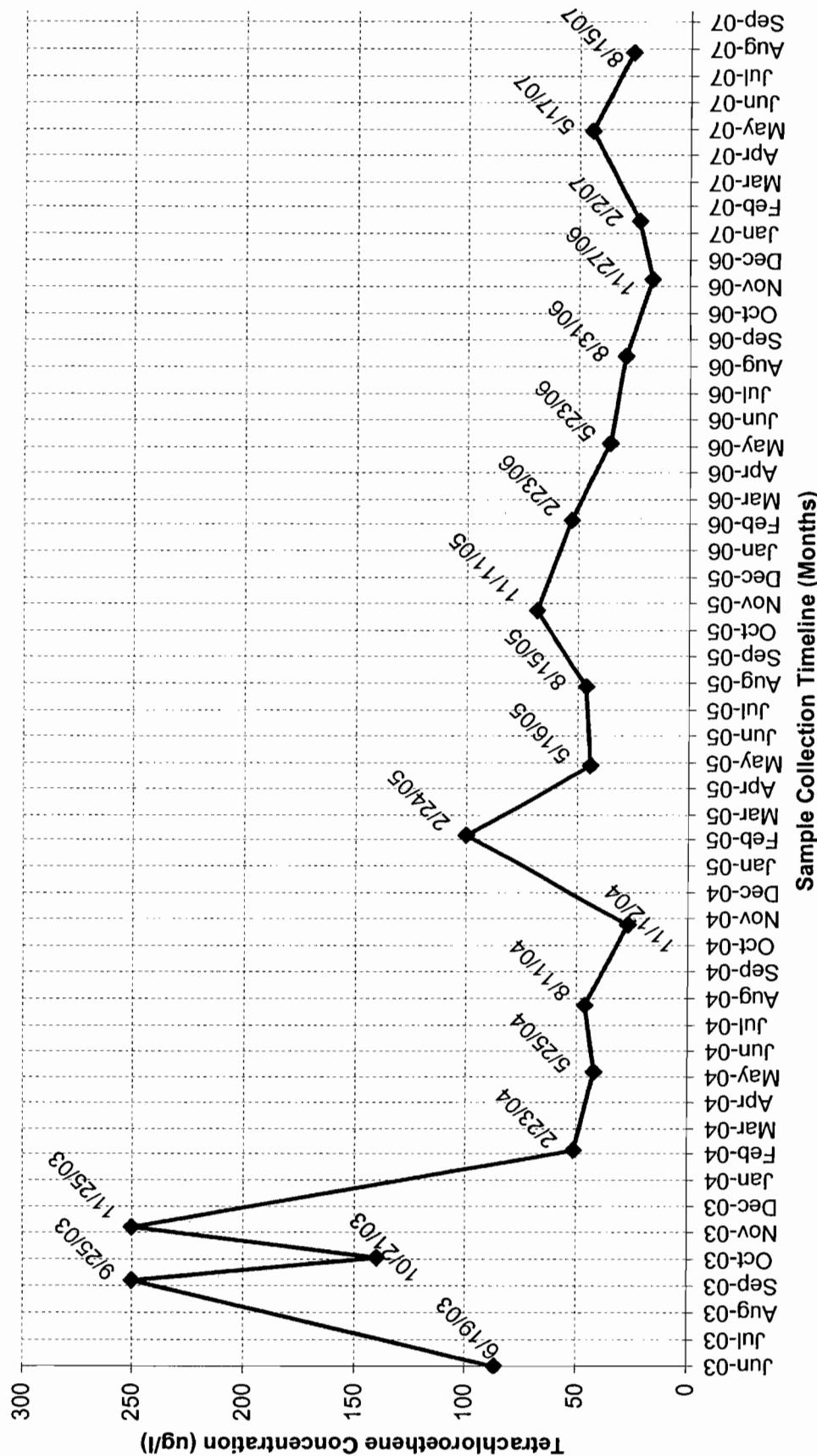
GRAPH 1

**Franklin Cleaners Site
NYSDEC Contract No. D004446 / Site No. 1-30-050
Groundwater Monitoring Well ASMW-1**



GRAPH 2

**Franklin Cleaners Site
NYSDEC Contract No. D004446 / Site No. 1-30-050
Groundwater Monitoring Well ASMW-2**



GRAPH 3

**Franklin Cleaners Site
NYSDEC Contract No. D004446 / Site No. 1-30-050
Groundwater Monitoring Well ASMW-3**

