Dvirka and Bartilucci
CONSULTING ENGINEERS

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June 30, 2008

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. 14 (December 1, 2007 through February 29, 2008)
D&B No. 2531

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 December 1, 2007 through February 29, 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 pumping rate of 39.5 gallons per minute (gpm) and extraction well pump EW-2 operated at an average pumping rate of 6.2 gpm.

Approximately 6,318,323 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 meters for EW-1 and EW-2 which recorded approximately 5,494,631 gallons of groundwater entering the treatment system.

During this period, the groundwater extraction and treatment system was inoperative for a total of approximately 112 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 si alarm episodes and two maintenance events.

A summary of system downtime is presented in Attachment B. Copies of routine system maintenance reports, as prepared by Systematic Technologies, Inc., are presented in Attachment C.

Groundwater Extraction and Treatment System Sampling

Samples were collected from the EW-1 and EW-2 well influent line sample taps, as well as from the air stripper (liquid) discharge sample tap, at a frequency of twice per month during the months of this period. 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 12 micrograms per liter (ug/l) on January 7, 2008, to a high of 16 ug/l on December 10, 2007 and February 19, 2008, and extraction well EW-2 continues to extract PCE at concentrations ranging from a low of 73 ug/l on December 27, 2007, to a high of 100 ug/l on December 10, 2007. The discharge sample results for the period were all below the VOC effluent limitations.

Approximately 0.59 pounds of PCE were removed from the extracted groundwater by the low profile air stripper during the reporting period and approximately 30.81 pounds of PCE have been removed since start-up of the system in September 2003. The average PCE removal efficiency for this quarter was greater than 99 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 February 28 and March 3, 2008. Samples were analyzed 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 decreased slightly from 15 ug/l (November 20, 2007) to 13 ug/l (February 28, 2008) and is still consistent with low concentrations detected in the well since 2004. The

concentration of PCE from monitoring well ASMW-2 increased from 4 ug/l (November 20, 2007) to 10 ug/l (February 28, 2008) but continues to maintain a historical decreasing trend. The detected concentration of PCE in the sample from monitoring well ASMW-3 (3 ug/l) 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.

- 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 wells EW-1 and EW-2 continue to capture VOC-contaminated groundwater.

- 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.

- Concentrations of PCE detected in groundwater monitoring well ASMW-1 decreased from 15 ug/l (November 20, 2007) to 13 ug/l (February 28, 2008), and continues to constitute a decreasing trend from a high of 30 ug/l (May 16, 2005) for the past 3-year period.

- Concentrations of PCE detected in groundwater monitoring well ASMW-2 increased from 4 ug/l (November 20, 2007) to 10 ug/l (February 28, 2008), but it continues to constitute a decreasing trend from a high of 100 ug/l (February 24, 2005) for the past 3-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/jmy
Attachments
cc: J. Trad (NYSDEC)
J. Multari (Molloy College)
J. Neri (H2M)
R. Walka (D&B)
P. Martorano (D&B)
♦2531\AHJ04218-PL.DOC(R02)

ATTACHMENT A

FIGURES

SOURCE: USGS FREEPORT AND LYNBROOK QUADRANGLES

0 2000
SCALE IN FEET

FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

SITE LOCATION MAP

FIGURE 1

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

F:\2531\DWG\Quarterly Reports\Quarter 12\FIGURE 1.dwg, Layout1, 3/28/2008 10:18:01 AM, PMartorano

ASMW-1							
DATE SAMPLED	08/31/06	11/27/06	02/07/07	05/17/07	08/15/07	11/20/07	02/28/08
GW ELEVATION (4)	25.89	26.28	26.28	27.80	26.83	26.33	27.68
COLLECTED BY	D&B	D&B	D&B	D&B	D&B	D&B	D&B
Constituent							
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	6J	7J	3J	ND	4J	15	13
Xylene (total)	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	2J	ND	ND	ND	ND

ASMW-2							
DATE SAMPLED	08/31/06	11/27/06	02/02/07	05/17/07	08/15/07	11/20/07	02/28/08
GW ELEVATION (4)	26.30	25.91	26.37	27.34	26.80	26.02	27.28
COLLECTED BY	D&B	D&B	D&B	D&B	D&B	D&B	D&B
Constituent							
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	29	17	23	44	26	4J	10
Xylene (total)	ND	ND	ND	ND	ND	ND	ND

ASMW-3							
DATE SAMPLED	08/31/06	11/27/06	02/02/07	05/17/07	08/15/07	11/20/07	02/28/08
GW ELEVATION (4)	26.54	26.51	27.16	28.30	27.53	26.80	28.44
COLLECTED BY	D&B	D&B	D&B	D&B	D&B	D&B	D&B
Constituent							
Methyl tert-butyl ether	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	3J
Xylene (total)	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	9J	ND	ND	ND	ND

ASMW-4							
DATE SAMPLED	08/31/06	11/27/06	02/02/07	05/17/07	08/15/07	11/20/07	02/28/08
GW ELEVATION (4)	24.03	24.70	25.02	26.26	24.06	25.06	26.38
COLLECTED BY	D&B	D&B	D&B	D&B	D&B	D&B	D&B
Constituent							
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND
Xylene (total)	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	5J	ND	ND	ND

ASMW-5							
DATE SAMPLED	08/31/06	11/27/06	02/02/07	05/17/07	08/15/07	11/20/07	11/20/07
GW ELEVATION (4)	23.15	24.04	23.75	25.16	24.25	24.43	25.94
COLLECTED BY	D&B	D&B	D&B	D&B	D&B	D&B	D&B
Constituent							
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND
Xylene (total)	ND	ND	ND	ND	ND	ND	ND

ASMW-6						
DATE SAMPLED	11/27/06	02/02/07	05/17/07	08/15/07	11/20/07	03/03/08
GW ELEVATION (4)	24.04	21.11	25.18	23.33	24.25	25.73
COLLECTED BY	D&B	D&B	D&B	D&B	D&B	D&B
Constituent						
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND
Xylene (total)	ND	ND	ND	ND	ND	ND

ASMW-7						
DATE SAMPLED	11/27/06	02/02/07	05/17/07	08/15/07	11/20/07	03/03/08
GW ELEVATION (4)	22.83	17.23	23.66	21.21	23.23	25.09
COLLECTED BY	D&B	D&B	D&B	D&B	D&B	D&B
Constituent						
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND
Xylene (total)	ND	ND	ND	ND	ND	ND

GROUNDWATER MONITORING WELLS				
WELL NUMBER	WELL DEPTH (TOC)	SCREEN LENGTH	GROUND SURFACE ELEVATION (4)	TOP OF CASING ELEVATION (4)
ASMW-1	90'-0"	10'-0"	48.09	47.29
ASMW-2	90'-0"	10'-0"	46.91	46.25
ASMW-3	90'-0"	10'-0"	47.37	46.99
ASMW-4	110'-0"	10'-0"	44.50	44.06
ASMW-5	133'-0"	10'-0"	44.64	44.25
ASMW-6	132'-0"	10'-0"	43.64	43.33
ASMW-7	250'-0"	20'-0"	43.56	43.21

TAX LOT 36-C-221
MERCY HOSPITAL ASSOCIATION
LIBER 4894 PAGE 133

TAX LOT 36-C-219

SOUTHERN ST

ASMW-1
ASMW-2
EW-2
EW-1
ASMW-3
N/F STATE OF NEW YORK

ASMW-4
ASMW-5
ASMW-6
ASMW-7

MCOL-1

N-3745
(WELL 4B)

N-72
(WELL 4A)

N-8218
(WELL 4C)

S73°04'22"E 412.12'

N19°21'38"E 501.74'

242.07'

RYAN MEDICAL ARTS BUILDING
4-STORY BRICK

CONTRACT LIMITS

APPROXIMATE LOCATION GAS LINE AS SHOWN IN FIELD BY MOLLOY COLLEGE PERSONNEL VERIFY IN FIELD BEFORE DIGGING

WILLIAM A. CASE

TAX L
104E
COL
LIBER

LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- IRRIGATION WELL
- FORMER GROUNDWATER PROBE

0 120 240
SCALE IN FEET

NOTES:
1. GROUNDWATER SAMPLES ANALYZED BY USEPA METHOD OLMO 4.2
2. RESULTS REPORTED ONLY FOR COMPOUNDS DETECTED ABOVE MDL
3. RESULTS ARE REPORTED IN MICROGRAMS PER LITER (ug/l)
4. MEASURED IN FEET ABOVE MEAN SEA LEVEL

ABBREVIATIONS:
D – DILUTED
J – ESTIMATED
ND – NOT DETECTED

FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

MONITORING WELL LOCATION MAP AND SUMMARY OF SAMPLE RESULTS THROUGH FEBRUARY 2008

FIGURE 2

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

F:\2531\DWG\Quarterly Reports\Quarter 14\FIGURE 2.dwg, FIG 2, 7/1/2008 9:13:14 AM, DBCadd

ATTACHMENT B

DESCRIPTION OF SYSTEM ALARM CONDITIONS

FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004446 / SITE No. 1-30-050
SUMMARY OF SYSTEM DOWNTIME

SHUT-OFF DATE/TIME	RESTART DATE/TIME	CAUSE FOR SHUTDOWN
12/14/07 12:54 PM	12/15/07 8:50 AM	Alarm condition #3 - High high wet well. Turn pump breaker on/off. Purge wet well. Restart system.
12/16/07 9:30 AM	12/17/07 8:30 AM	Alarm condition #3 - High high wet well. Turn pump breaker on/off. Purge wet well. Restart system.
12/23/07 7:30 AM	12/24/07 11:35 AM	Alarm condition #3 - High high wet well. Turn pump breaker on/off. Purge wet well. Restart system.
1/3/08 2:30 PM	1/3/08 3:00 PM	[1]Routine blower maintenance.
1/18/08 4:47 AM	1/18/08 11:50 AM	Alarm conditions #3 & 5 - High high wet well. Turn pump breaker on/off. Purge wet well. Restart system.
1/30/08 9:00 AM	1/31/08 6:00 PM	Alarm conditions #3 & 5 - High high wet well. Turn pump breaker on/off. Purge wet well. Restart system.
2/26/08 1:39 AM	2/26/08 2:20 PM	Alarm conditions #3 & 5 - High high wet well. Turn pump breaker on/off. Purge wet well. Restart system.
2/28/08 2:30 PM	2/28/08 3:00 PM	[1]Routine blower maintenance.

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: 1/3/08				
Name of Personnel Onsite	Title	Time Arrived	Time Departed	Total Hours
L. Sorensen	President	1330	1400	0.5

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

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used
Bearing Grease	ExxonMobil	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 1/17/08

Signature / Print / Date

MAINTENANCE AND INSPECTION REPORT

FRANKLIN CLEANERS SITE, ROCKVILLE CENTRE, NY

Date: 2/28/08

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:

Item 2A: Pressure Blower Maintenance

Name of Part / Supply / Material	Manufacturer	Model Number	Quantity Used
Bearing grease	ExxonMobil	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 4/21/08

Signature / Print / Date

ATTACHMENT D

ANALYTICAL RESULTS

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

SAMPLE ID	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)	SYSTEM INFLUENT (EW-1)		NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER		
DATE OF COLLECTION	12/10/2007	12/27/2007	1/7/2008	1/21/2008	2/7/2008	2/19/2008		
COLLECTED BY	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)
VOCs								
Dichlorodifluoromethane	U	U	U	U	U	U		5 ST
Chloromethane	U	U	U	U	U	U		--
Vinyl chloride	U	U	U	U	U	U		2 ST
Bromomethane	U	U	U	U	U	U		5 ST
Chloroethane	U	U	U	U	U	U		5 ST
Trichlorofluoromethane	U	U	U	U	U	U		5 ST
1,1-Dichloroethene	U	U	U	U	U	U		5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U		5 ST
Acetone	U	U	U	U	U	U		50 GV
Carbon disulfide	U	U	U	U	U	U		60 GV
Methyl acetate	U	U	U	U	U	U		--
Methylene chloride	U	U	U	U	U	U		5 ST
trans 1,2-Dichloroethene	U	U	U	U	U	U		5 ST
Methyl-tert butyl ether	U	U	U	U	U	U		10 GV
1,1-Dichloroethane	U	U	U	U	U	U		5 ST
cis-1,2-Dichloroethene	U	U	U	U	U	U		5 ST
2-Butanone	U	U	U	U	U	U		50 GV
Chloroform	U	U	U	U	U	U		7 ST
1,1,1-Trichloroethane	U	U	U	U	U	U		5 ST
Cyclohexane	U	U	U	U	U	U		--
Carbon tetrachloride	U	U	U	U	U	U		5 ST
Benzene	U	U	U	U	U	U		1 ST
1,2-Dichloroethane	U	U	U	U	U	U		0.6 ST
Trichloroethene	U	U	U	U	U	U		5 ST
Methylcyclohexane	U	U	U	U	U	U		--
1,2-Dichloropropane	U	U	U	U	U	U		1 ST
Bromodichloromethane	U	U	U	U	U	U		50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U		0.4 ST
4-Methyl-2-pentanone	U	U	U	U	U	U		--
Toluene	U	U	U	U	U	U		5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U		0.4 ST
1,1,2-Trichloroethane	U	U	U	U	U	U		1 ST
Tetrachloroethene	16	13	12	14	15	16		5 ST
2-Hexanone	U	U	U	U	U	U		50 GV
Dibromochloromethane	U	U	U	U	U	U		50 GV
1,2-Dibromoethane	U	U	U	U	U	U		5 ST
Chlorobenzene	U	U	U	U	U	U		5 ST
Ethylbenzene	U	U	U	U	U	U		5 ST
Xylene (total)	U	U	U	U	U	U		5 ST
Styrene	U	U	U	U	U	U		5 ST
Bromoform	U	U	U	U	U	U		50 GV
Isopropylbenzene	U	U	U	U	U	U		5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U		5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U		3 ST
1,4-Dichlorobenzene	U	U	U	U	U	U		3 ST
1,2-Dichlorobenzene	U	U	U	U	U	U		3 ST
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U		0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U		5 ST

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

FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004446 / SITE No. 1-30-050
RESULTS OF ANALYSIS OF EW-2 INFLUENT

SAMPLE ID	SYSTEM INFLUENT (EW-2)	SYSTEM INFLUENT (EW-2)	SYSTEM INFLUENT (EW-2)	SYSTEM INFLUENT (EW-2)	SYSTEM INFLUENT (EW-2)	SYSTEM INFLUENT (EW-2)		NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER		
DATE OF COLLECTION	12/10/2007	12/27/2007	1/7/2008	1/21/2008	2/7/2008	2/19/2008		
COLLECTED BY	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)		
VOCs								
Dichlorodifluoromethane	U	U	U	U	U	U		5 ST
Chloromethane	U	U	U	U	U	U		--
Vinyl chloride	U	U	U	U	U	U		2 ST
Bromomethane	U	U	U	U	U	U		5 ST
Chloroethane	U	U	U	U	U	U		5 ST
Trichlorofluoromethane	U	U	U	U	U	U		5 ST
1,1-Dichloroethene	U	U	U	U	U	U		5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U		5 ST
Acetone	U	U	U	U	U	U		50 GV
Carbon disulfide	U	U	U	U	U	U		60 GV
Methyl acetate	U	U	U	U	U	U		--
Methylene chloride	U	U	U	U	U	U		5 ST
trans 1,2-Dichloroethene	U	U	U	U	U	U		5 ST
Methyl-tert butyl ether	U	U	U	U	U	U		10 GV
1,1-Dichloroethane	U	U	U	U	U	U		5 ST
cis-1,2-Dichloroethene	U	U	U	U	U	U		5 ST
2-Butanone	U	U	U	U	U	U		50 GV
Chloroform	U	U	U	U	U	U		7 ST
1,1,1-Trichloroethane	U	U	U	U	U	U		5 ST
Cyclohexane	U	U	U	U	U	U		--
Carbon tetrachloride	U	U	U	U	U	U		5 ST
Benzene	U	U	U	U	U	U		1 ST
1,2-Dichloroethane	U	U	U	U	U	U		0.6 ST
Trichloroethene	U	U	U	U	U	U		5 ST
Methylcyclohexane	U	U	U	U	U	U		--
1,2-Dichloropropane	U	U	U	U	U	U		1 ST
Bromodichloromethane	U	U	U	U	U	U		50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U		0.4 ST
4-Methyl-2-pentanone	U	U	U	U	U	U		--
Toluene	U	U	U	U	U	U		5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U		0.4 ST
1,1,2-Trichloroethane	U	U	U	U	U	U		1 ST
Tetrachloroethene	100	73	75	86	81	90		5 ST
2-Hexanone	U	U	U	U	U	U		50 GV
Dibromochloromethane	U	U	U	U	U	U		50 GV
1,2-Dibromoethane	U	U	U	U	U	U		5 ST
Chlorobenzene	U	U	U	U	U	U		5 ST
Ethylbenzene	U	U	U	U	U	U		5 ST
Xylene (total)	U	U	U	U	U	U		5 ST
Styrene	U	U	U	U	U	U		5 ST
Bromoform	U	U	U	U	U	U		50 GV
Isopropylbenzene	U	U	U	U	U	U		5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U		5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U		3 ST
1,4-Dichlorobenzene	U	U	U	U	U	U		3 ST
1,2-Dichlorobenzene	U	U	U	U	U	U		3 ST
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U		0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U		5 ST

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

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

SAMPLE ID	SYSTEM EFFLUENT (AS-1)	SYSTEM EFFLUENT (AS-1)	SYSTEM EFFLUENT (AS-1)	SYSTEM EFFLUENT (AS-1)	SYSTEM EFFLUENT (AS-1)	SYSTEM EFFLUENT (AS-1)		EFFLUENT LIMITATIONS	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER			
DATE OF COLLECTION	12/10/2007	12/27/2007	1/7/2008	1/21/2008	2/7/2008	2/19/2008			
COLLECTED BY	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)
Dichlorodifluoromethane	U	U	U	U	U	U		--	5 ST
Chloromethane	U	U	U	U	U	U		--	--
Vinyl chloride	U	U	U	U	U	U		--	2 ST
Bromomethane	U	U	U	U	U	U		--	5 ST
Chloroethane	U	U	U	U	U	U		--	5 ST
Trichlorofluoromethane	U	U	U	U	U	U		--	5 ST
1,1-Dichloroethene	U	U	U	U	U	U		--	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U		--	5 ST
Acetone	U	U	U	U	U	U		--	50 GV
Carbon disulfide	U	U	U	U	U	U		--	60 GV
Methyl acetate	U	U	U	U	U	U		--	--
Methylene chloride	U	U	U	U	U	U		--	5 ST
trans 1,2-Dichloroethene	U	U	U	U	U	U		--	5 ST
Methyl-tert butyl ether	U	U	U	U	U	U		--	10 GV
1,1-Dichloroethane	U	U	U	U	U	U		10	5 ST
cis-1,2-Dichloroethene	U	U	U	U	U	U		10	5 ST
2-Butanone	U	U	U	U	U	U		--	50 GV
Chloroform	U	U	U	U	U	U		--	7 ST
1,1,1-Trichloroethane	U	U	U	U	U	U		10	5 ST
Cyclohexane	U	U	U	U	U	U		--	--
Carbon tetrachloride	U	U	U	U	U	U		--	5 ST
Benzene	U	U	U	U	U	U		--	1 ST
1,2-Dichloroethane	U	U	U	U	U	U		--	0.6 ST
Trichloroethene	U	U	U	U	U	U		10	5 ST
Methylcyclohexane	U	U	U	U	U	U		--	--
1,2-Dichloropropane	U	U	U	U	U	U		--	1 ST
Bromodichloromethane	U	U	U	U	U	U		--	50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U		--	0.4 ST
4-Methyl-2-pentanone	U	U	U	U	U	U		--	--
Toluene	U	U	U	U	U	U		--	5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U		--	0.4 ST
1,1,2-Trichloroethane	U	U	U	U	U	U		--	1 ST
Tetrachloroethene	U	U	U	U	U	U		5	5 ST
2-Hexanone	U	U	U	U	U	U		--	50 GV
Dibromochloromethane	U	U	U	U	U	U		--	50 GV
1,2-Dibromoethane	U	U	U	U	U	U		--	5 ST
Chlorobenzene	U	U	U	U	U	U		--	5 ST
Ethylbenzene	U	U	U	U	U	U		--	5 ST
Xylene (total)	U	U	U	U	U	U		--	5 ST
Styrene	U	U	U	U	U	U		--	5 ST
Bromoform	U	U	U	U	U	U		--	50 GV
Isopropylbenzene	U	U	U	U	U	U		--	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U		--	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U		--	3 ST
1,4-Dichlorobenzene	U	U	U	U	U	U		--	3 ST
1,2-Dichlorobenzene	U	U	U	U	U	U		--	3 ST
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U		--	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U		--	5 ST

NOTES:

Concentration exceeds 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

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 EFFLUENT (AS-1)	SYSTEM EFFLUENT (AS-1)	SYSTEM EFFLUENT (AS-1)	SYSTEM EFFLUENT (AS-1)	SYSTEM EFFLUENT (AS-1)	SYSTEM EFFLUENT (AS-1)		EFFLUENT LIMITATIONS
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER		
DATE OF COLLECTION	12/10/2007	12/27/2007	1/7/2008	1/21/2008	2/7/2008	2/19/2008		
COLLECTED BY	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)
METALS								
Iron	360	U	U	127 B	U	352		1000
Manganese	31.9 B	28.8 B	33.5 B	29.6 B	27.3 B	28.1 B		1000
pH (S.U.)	7.4	6.9	7.5	7.5	7.0	7.4		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)

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

SAMPLE ID	ASMW-1	ASMW-2	ASMW-3	ASMW-4	ASMW-5	ASMW-6	ASMW-7	NYSDEC CLASS GA GROUNDWATER STANDARDS AND GUIDANCE VALUES
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
DATE OF COLLECTION	2/28/2008	2/28/2008	2/28/2008	2/28/2008	2/28/2008	3/3/2008	3/3/2008	
COLLECTED BY	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)
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	50 GV
Carbon disulfide	U	U	U	U	U	U	U	60 GV
Methyl acetate	U	U	U	U	U	U	U	--
Methylene chloride	U	U	U	U	U	U	U	5 ST
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	1 ST
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	--
Toluene	U	U	U	U	U	U	U	5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	0.4 ST
1,1,2-Trichloroethane	U	U	U	U	U	U	U	1 ST
Tetrachloroethene	13	10	3 J	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	5 ST
Styrene	U	U	U	U	U	U	U	5 ST
Bromoform	U	U	U	U	U	U	U	50 GV
Isopropylbenzene	U	U	U	U	U	U	U	5 ST
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-Dichlorobenzene	U	U	U	U	U	U	U	3 ST
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U	0.04 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

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

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	***PID Reading***	***PID Reading***	***PID Reading***	***PID Reading***
December 3, 2007	0.0	0.0	0.0	0.0
December 10, 2007	0.0	0.0	0.0	0.0
December 17, 2007	0.0	0.0	0.0	0.0
December 27, 2007	0.0	0.0	0.0	0.0
December 31, 2007	0.0	0.0	0.0	0.0
January 7, 2008	0.0	0.0	0.0	0.0
January 14, 2008	0.0	0.0	0.0	0.0
January 21, 2008	0.0	0.0	0.0	0.0
January 28, 2008	0.0	0.0	0.0	0.0
February 7, 2008	0.0	0.0	0.0	0.0
February 11, 2008	0.0	0.0	0.0	0.0
February 19, 2008	0.0	0.0	0.0	0.0
February 25, 2008	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. D004446 / 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 INFLUENT (EW-1) PCE CONCENTRATION (ug/l)	SYSTEM INFLUENT (EW-2) AVERAGE EXTRACTION RATE (gpm)	SYSTEM INFLUENT (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 [2] (lbs)
12/5/2005	0.0	NS	1.6	170	< 0.5	99.71	1.36E-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	1.92E-04	311	26.73
2/21/2006	0.0	NS	3.1	180	< 0.5	99.72	2.79E-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
1/7/2007	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	28.99
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	2.76E-04	284	29.56
6/24/2007	39.3	5	0.0	NS	< 0.5	90.00	9.84E-05	336	29.60
7/10/2007	39.2	12	0.0	NS	< 0.5	95.83	2.36E-04	263	29.66
7/27/2007	37.7	14	0.0	NS	< 0.5	96.43	2.64E-04	182	29.71
8/23/2007	38.3	17	6.5	130	< 0.5	97.35	3.26E-04 4.23E-04	191 28	29.78 [4]
9/5/2007	40.0	14	6.3	53	< 0.5	93.07	2.80E-04	112	29.81
9/21/2007	39.0	9 J	6.3	51	< 0.5	99.06	1.76E-04	359	29.88
10/21/2007	38.4	10	6.1	59	< 0.5	99.18	1.92E-04	484	29.97
10/31/2007	39.9	14	5.9	73	< 0.5	99.40	2.80E-04	233	30.03
11/12/2007	39.4	15 B	5.7	80 B	< 0.5	99.46	2.96E-04	289	30.12
11/26/2007	38.5	13	6.0	64	< 0.5	99.32	2.51E-04	407	30.22 [4]
12/10/2007	40.6	16	6.6	100	< 0.5	99.50	3.25E-04	217	30.29
12/27/2008	37.2	13	6.1	73	< 0.5	99.34	2.42E-04	348	30.38
1/7/2008	39.6	12	6.2	75	< 0.5	99.34	2.38E-04	265	30.44
1/21/2008	39.4	14	6.3	86	< 0.5	99.42	2.76E-04	327	30.53
2/7/2008	40.2	15	6.4	81	< 0.5	99.43	3.02E-04	379	30.64
2/19/2008	39.5	16	6.2	90	< 0.5	99.48	3.16E-04	524	30.81 [4]

NOTES:

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

ABBREVIATIONS:

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

QUALIFIERS:

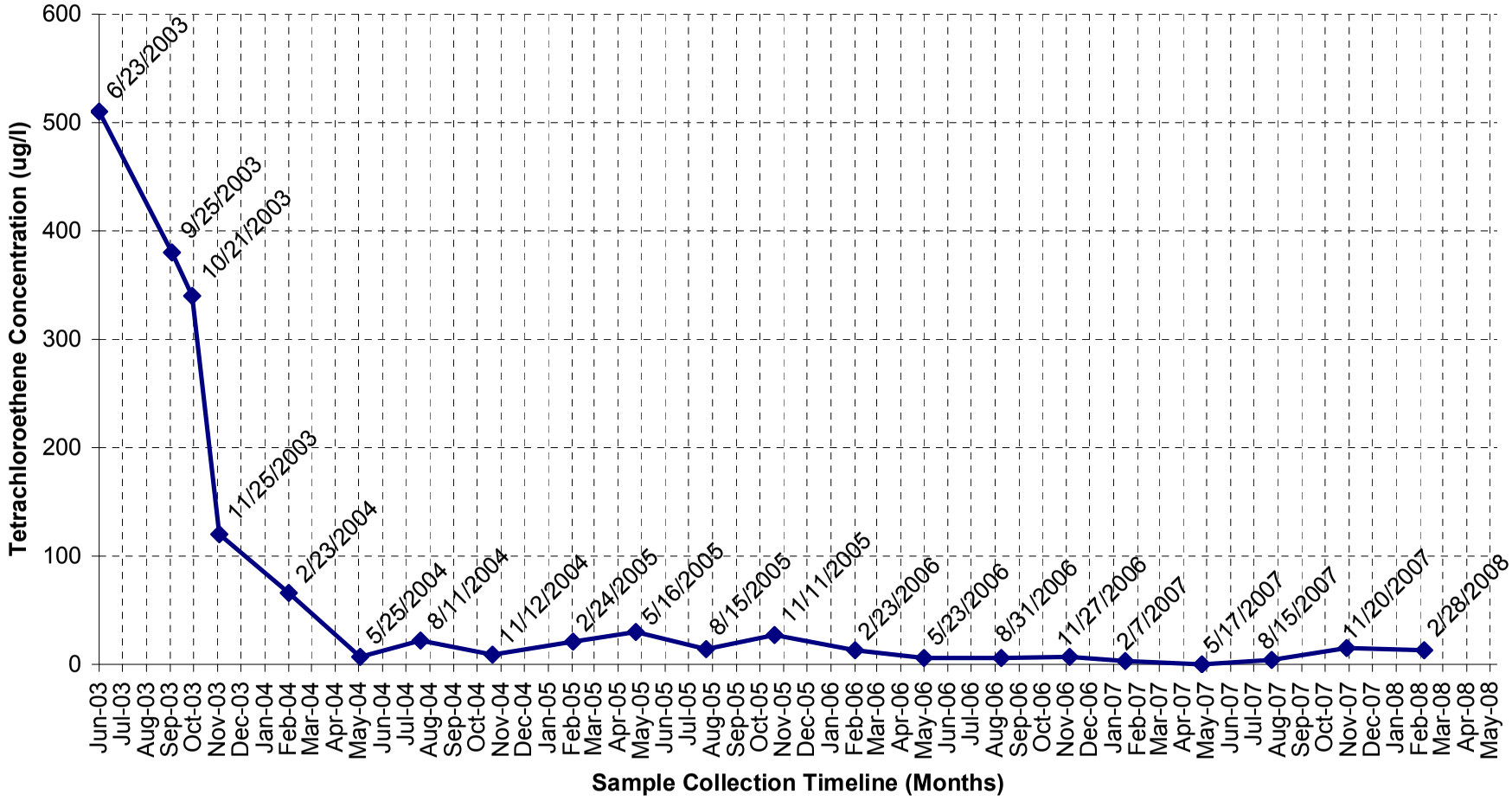
D: Result taken from reanalysis at a secondary dilution
J: Compound found at a concentration below CRDL, value estimated
B: Compound detected in method blank as well as the sample, value estimated
E: Compound concentration exceeds instrument calibration range, value estimated

ATTACHMENT F

MONITORING WELL TREND LINE GRAPHS

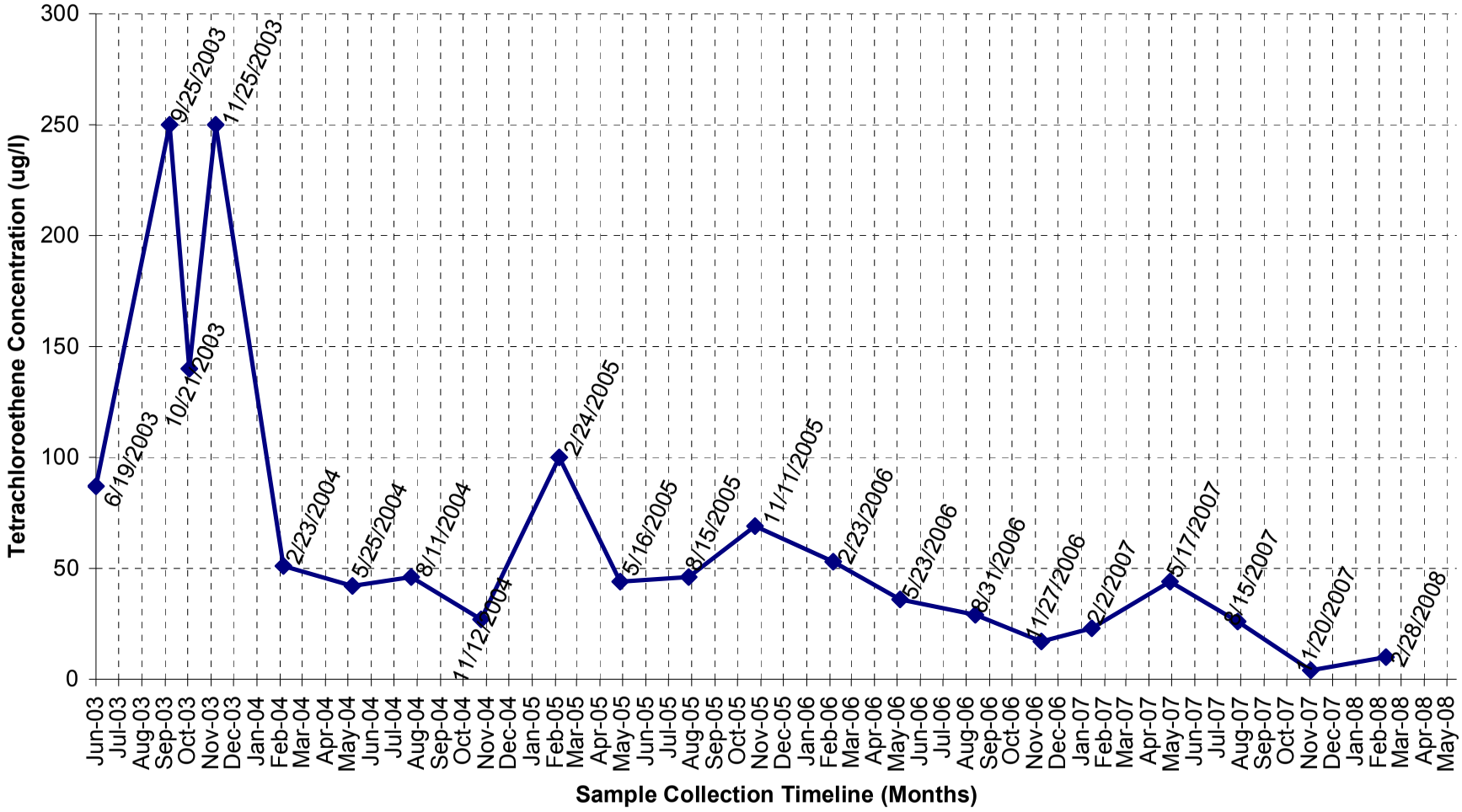
GRAPH 1

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