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September 15, 2011

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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
Groundwater Sampling Report No. 2
D&B No. 2531-03

Dear Mr. Long:

The purpose of this letter is to summarize the groundwater sampling activities performed at the off-site Franklin Cleaners groundwater extraction and treatment system (see Attachment A, Figure 1) on May 11 and 12, 2010. This groundwater sampling event was completed during the operating period beginning March 1, 2010 through May 31, 2010 (Quarter 23).

Monitoring and sampling activities were conducted by New York State Department of Environmental Conservation (NYSDEC) call-out contractor, Environmental Assessment and Remediations (EAR). Reporting, data management and assessment, and consulting and engineering evaluation services were performed by Dvirka and Bartilucci Consulting Engineers (D&B).

Groundwater Monitoring Well Conditions

The network of groundwater monitoring wells was sampled to determine groundwater quality at, and in the vicinity of, the site. Groundwater samples were collected from three upgradient groundwater monitoring wells (ASMW-1 through ASMW-3) and four downgradient groundwater monitoring wells (ASMW-4 through ASMW-7). The locations of the groundwater monitoring wells are shown in Figure 2, provided in Attachment A.

All seven groundwater monitoring wells were accessible and visible during field inspection activities. Although all groundwater monitoring wells were located as indicated on the site map, two of the wells (ASMW-6 and ASMW-7) did not have visible well IDs. All seven groundwater monitoring wells were observed to be in good condition, were sealed at the surface and competent, with the exception of the surface seals on

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groundwater monitoring wells ASMW-6 and ASMW-7. The surface seal on groundwater monitoring well ASMW-6 was not present and the surface seal on groundwater monitoring well ASMW-7 was not competent resulting in pooled water located within the manhole. The PVC casings for all of the groundwater monitoring wells were observed to be in good condition. Locks were present and functional on all the groundwater monitoring well caps, with the exception of groundwater monitoring well ASMW-3, which was observed to be missing a lock. In addition, the well measuring point was not visible on any of the groundwater monitoring wells.

A headspace reading was collected at each groundwater monitoring well immediately after the removal of the well caps utilizing a calibrated photoionization detector (PID). The groundwater monitoring wells exhibited concentrations of total volatile organic compounds (VOCs) ranging from 0.1 parts per million (ppm) to a maximum concentration of 3.9 ppm detected at groundwater monitoring well ASMW-7.

Due to these PID readings, headspace vapor samples were collected from groundwater monitoring wells ASMW-6 and ASMW-7 for laboratory analysis of VOCs via EPA Method TO-15 on April 15, 2010. The headspace vapor sample data is provided in Attachment B. Chlorinated VOCs were not detected in any headspace vapor sample. However, several VOCs including benzene, toluene; m & p xylene, 1, 3-butadiene, carbon disulfide, and propene were detected in several headspace vapor samples. Note, none of these VOCs are attributable to the Franklin Cleaners site.

A summary of groundwater monitoring well conditions and field inspection logs for all groundwater monitoring wells assessed during this reporting period are provided in Attachment B.

Groundwater Quality Data

The network of groundwater monitoring wells was sampled to evaluate the effectiveness of the groundwater extraction and treatment system. Groundwater samples were collected from upgradient groundwater monitoring wells ASMW-1 through ASMW-3, and downgradient groundwater monitoring wells ASMW-4 through ASMW-7 on May 11 and 12, 2010. The groundwater samples were analyzed for VOCs utilizing United States Environmental Protection Agency (USEPA) 40 CFR Method 624. The locations of the monitoring wells are depicted on Figure 1 provided in Attachment A.

The results of the analyses of the groundwater samples collected from the monitoring wells this reporting period are provided in Attachment C and are summarized on Figure 2, provided in Attachment A. The results have been compared to the NYSDEC Class GA Groundwater Standards and Guidance Values. Tetrachloroethene (PCE), at a concentration of 14.0 ug/l, was detected in exceedance of its Class GA Standard of 5.0 ug/l in groundwater monitoring well ASMW-1; however, this concentration is less than the concentration of 22.0 ug/l detected during the previous reporting period (February 25, 2010). Groundwater sample ASMW-2 exhibited a PCE concentration of 8.8 ug/l, which increased from a concentration of 7.5 ug/l, detected during the previous reporting period (February 25, 2010). However, PCE concentrations have continued to maintain an overall decreasing trend since 2003 in these two upgradient monitoring wells. VOCs were not detected in the groundwater samples collected from groundwater monitoring wells ASMW-3, ASMW-4, ASMW-5, ASMW-6 and ASMW-7 at concentrations exceeding their Class GA Standards and Guidance Values during this reporting period. However, note that PCE, at concentration of 1.16 ug/l was detected in groundwater monitoring well

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ASMW-4. The NYSDEC was immediately notified of the PCE detection in groundwater monitoring well ASMW-4 upon review of the data. In addition, chloroform (0.14 ug/l) and chloromethane (0.1 ug/l) were also detected in ASMW-4, below their respective Class GA Standards and Guidance Values. Attachment D includes trend line graphs which summarize PCE concentrations detected in groundwater samples collected from upgradient groundwater monitoring wells ASMW-1, ASMW-2 and ASMW-3 since June 2003 and includes a table which summarizes historical PCE concentrations detected in groundwater samples collected from all groundwater monitoring wells.

A gross plume model depicting the estimated extent of the PCE plume is provided as Figure 3 in Attachment A. Note that, due to the limited number of sample and data points within the vicinity of the treatment system, the plume extent depicted on Figure 3 is based on a low PCE concentration of 5.0 ug/l. In addition, note that, due to the limited number of sample and data points within the vicinity of the treatment system, the overall extent of the PCE plume is estimated. In comparison to the previous reporting period, the plume extent has slightly increased southwards of the upgradient groundwater monitoring wells primarily due to the PCE detection at groundwater monitoring well ASMW-3. PCE was detected at a concentration of 76.0 ug/l in extraction well EW-2 during this reporting period, compared to a concentration of 55.0 ug/l detected during the previous reporting period. It may be warranted to install additional groundwater monitoring wells to the west and south of the existing groundwater monitoring wells network in order to better define the PCE plume.

Groundwater sampling for Quarter 24 is scheduled for August 2010.

Data Validation

The groundwater samples have been analyzed by Test America Laboratories (TAL), Shelton, CT. Groundwater samples were analyzed for VOCs. The data packages submitted by TAL 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.

Data Validation Checklists are presented in Attachment E.

Findings

Based on the results of the groundwater sampling conducted during this reporting period, D&B offers the following findings:

- All groundwater monitoring wells were sealed at the surface and competent, with the exception of groundwater monitoring wells ASMW-6 and ASMW-7. In addition, groundwater monitoring wells ASMW-6 and ASMW-7 were missing well IDs, and groundwater monitoring well ASMW-3 was missing a lock.

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- Groundwater monitoring well headspace readings ranged from 0.1 ppm to 3.9 ppm, with the highest PID reading detected at groundwater monitoring well ASMW-7. However, laboratory analysis of headspace vapor did not indicate the presence of chlorinated VOCs, and therefore are not attributable to the Franklin Cleaners site.
- As compared to the previous reporting period, concentrations of PCE detected in groundwater monitoring well ASMW-1 decreased from 22.0 ug/l (February 25, 2010) to 14.0 ug/l, detected this reporting period. Groundwater monitoring well ASMW-1 continues to exhibit an overall decreasing trend from a high of 27.0 ug/l (November 2005) for the past 4-year period.
- As compared to the previous reporting period, concentrations of PCE detected in groundwater monitoring well ASMW-2 increased from 7.5 ug/l (February 25, 2010) to 8.8 ug/l, detected this reporting period. Groundwater monitoring well ASMW-2 continues to exhibit an overall decreasing trend from a high of 69.0 ug/l (November 2005) for the past 4-year period.
- PCE concentrations remain below its Class GA Standard in upgradient groundwater monitoring well ASMW-3.
- Downgradient early warning groundwater monitoring wells (ASMW-5, ASMW-6 and ASMW-7) continue to exhibit non-detect VOC concentrations, with the exception of groundwater monitoring well ASMW-4 this reporting period. Groundwater monitoring well ASMW-4 exhibited a PCE concentration of 1.16 ug/l, well below its Class GA Standard of 5.0 ug/l. Note that based on review of analytical data received from the Village of Rockville Centre, the Village's Public Supply Well located to the south of Molloy College and downgradient of the groundwater treatment system, continues to exhibit non-detect concentrations of chlorinated VOCs.
- According to information received from the Director of Facilities at Molloy College, no new groundwater irrigation wells have been installed on the Molloy College property, which is located immediately downgradient of the Franklin Cleaners off-site groundwater extraction and treatment system.
- A new DER-10 document, dated May 2010, has been implemented since the March 1998 ROD was issued.
- The toxicity data, cleanup levels and remedial action objectives, as defined in the March 1998 ROD, remain unchanged.

Recommendations

Based on the results of performance monitoring conducted during this reporting period, D&B offers the following recommendations:

- Continue groundwater monitoring through the existing groundwater monitoring well network to determine contaminant concentration trends over time and to evaluate the continued effectiveness of the remediation system.

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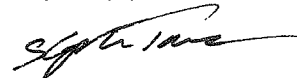
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- Replace the removed/damaged surface seal at groundwater monitoring wells ASMW-6 and ASMW-7.
- Closely monitor PCE concentration in groundwater monitoring well ASMW-4 and all downgradient wells due to the PCE detected in downgradient groundwater monitoring well ASMW-4.
- Replace the missing lock on groundwater monitoring well ASMW-3.

Please do not hesitate to contact me at (516) 364-9890, Ext. 3094, if you have any questions.

Very truly yours,



Stephen Tauss
Project Manager

SET/PM(t)/j

Attachments

cc: J. Trad (NYSDEC)
J. Multari (Molloy College)
J. Neri (H2M)
R. Walka (D&B)
F. DeVita (D&B)
P. Martorano (D&B)

◆2531\SET022511-PL_GW RPT 2.DOC(R01)

ATTACHMENT A

FIGURES



SOURCE: USGS FREEPORT AND LYNBROOK QUADRANGLES



FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

SITE LOCATION MAP



FIGURE 1

ASMW-1							
DATE SAMPLED	12/03/08	03/19/09	05/18/09	08/13/09	11/20/09	02/25/10	05/12/10
GW ELEVATION (4)	25.69	26.39	26.76	26.82	26.84	27.14	29.57
COLLECTED BY	D&B	D&B	D&B	D&B	D&B	EAR	EAR
Constituent							
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.5J	1.1J
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	0.24J
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	0.34J
1,1,1-Trichloroethane	ND	5.2J	6.4J	2.3J	2.4J	4.9J	5.0
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	9.1J	16	11	10	11	22	14
Xylene (total)	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND

ASMW-2							
DATE SAMPLED	12/03/08	03/19/09	05/18/09	08/13/09	11/20/09	02/25/10	05/12/10
GW ELEVATION (4)	26.15	26.10	26.59	26.69	25.85	26.81	29.22
COLLECTED BY	D&B	D&B	D&B	D&B	D&B	EAR	EAR
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	5.0J	16	10	4.2J	3.5J	7.5J	8.8
Xylene (total)	ND	ND	ND	ND	ND	ND	ND

ASMW-3							
DATE SAMPLED	12/03/08	03/19/09	05/18/09	08/13/09	11/20/09	02/25/10	05/12/10
GW ELEVATION (4)	26.09	26.89	27.39	27.51	26.54	27.59	30.22
COLLECTED BY	D&B	D&B	D&B	D&B	D&B	EAR	EAR
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	2.0J	ND	ND	ND	ND	ND	0.35J
Xylene (total)	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND

ASMW-4							
DATE SAMPLED	12/03/08	03/19/09	05/18/09	08/13/09	11/20/09	02/25/10	05/12/10
GW ELEVATION (4)	24.41	25.06	25.31	25.41	24.86	25.79	27.73
COLLECTED BY	D&B	D&B	D&B	D&B	D&B	EAR	EAR
Constituent							
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	0.14J
Chloromethane	ND	ND	ND	ND	ND	ND	0.10J
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	1.16J
Xylene (total)	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND

ASMW-5							
DATE SAMPLED	12/03/08	03/19/09	05/18/09	08/13/09	11/20/09	02/25/10	05/12/10
GW ELEVATION (4)	23.85	28.70	24.69	24.33	24.20	24.88	26.89
COLLECTED BY	D&B	D&B	D&B	D&B	D&B	EAR	EAR
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

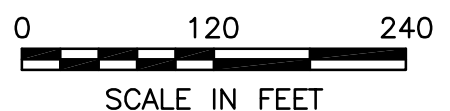
ASMW-6						
DATE SAMPLED	03/19/09	05/18/09	08/13/09	11/20/09	02/24/10	05/11/10
GW ELEVATION (4)	24.73	24.02	23.66	24.13	24.86	26.78
COLLECTED BY	D&B	D&B	D&B	D&B	EAR	EAR
Constituent						
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND
Chloroform	ND	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	03/19/09	05/18/09	08/13/09	11/20/09	02/24/10	02/25/10
GW ELEVATION (4)	23.11	22.96	21.87	23.21	23.49	25.31
COLLECTED BY	D&B	D&B	D&B	D&B	EAR	EAR
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

LEGEND:

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



NOTES:

- GROUNDWATER SAMPLES ANALYZED BY USEPA METHOD OLMO 4.2
- RESULTS REPORTED ONLY FOR COMPOUNDS DETECTED ABOVE MDL
- RESULTS ARE REPORTED IN MICROGRAMS PER LITER (ug/l)
- MEASURED IN FEET ABOVE MEAN SEA LEVEL

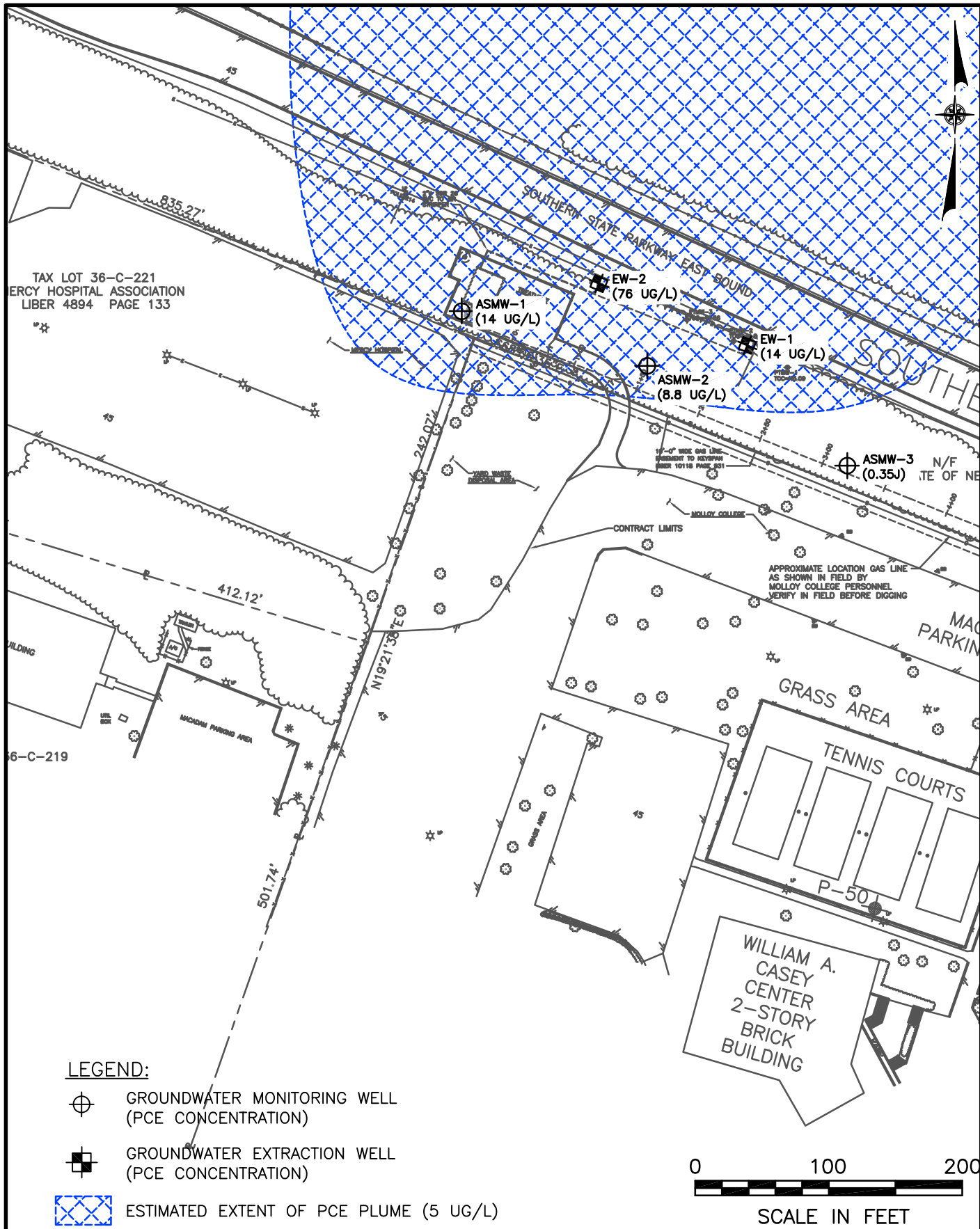
ABBREVIATIONS:

- D - DILUTED
- J - ESTIMATED
- ND - NOT DETECTED
- - NOT ANALYZED

FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

MONITORING WELL LOCATION MAP AND SUMMARY OF SAMPLE RESULTS
THROUGH MAY 31, 2010





FRANKLIN CLEANERS SITE
 VILLAGE OF HEMPSTEAD, NEW YORK
GROSS PLUME MODEL

ATTACHMENT B

**GROUNDWATER MONITORING WELL INSPECTION LOGS
AND SUMMARY OF CONDITIONS**

FRANKLIN CLEANERS SITE
NYSDEC CONTRACT No. D004446 / SITE No. 1-30-050
RESULTS OF ANALYSIS OF HEADSPACE VAPOR
- VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID	ASMW-6	ASMW-7
SAMPLE TYPE	AIR	AIR
DATE OF COLLECTION	4/15/2010	4/15/2010
COLLECTED BY	EAR	D&B
UNITS	(ug/m ³)	(ug/m ³)
VOCs		
t 1,3 Dichloropropene	U	U
Freon 114	U	U
Acetone	U	U
Ethanol	U	U
Ethyl Acetate	U	U
Ethylbenzene	4.6	U
Trichlorofluoromethane	U	U
Heptane	U	U
Hexachloro-,1,3-Butadiene	U	U
Hexane	U	U
2-Hexanone	U	U
Isopropyl Alcohol	U	U
Methylene Chloride	U	U
Benzene	3.7	U
Benzyl Chloride	U	U
Styrene	U	U
1,1,2,2 Tetrachloroethane	U	U
Tetrachloroethene	U	U
Tetrahydrofuran	U	U
Toluene	4.7	U
1,2,4 Trichlorobenzene	U	U
1,1,1 Trichloroethane	U	U
1,1,2 Trichloroethane	U	U
Trichloroethylene	U	U
1,2,4 Trimethylbenzene	U	U
1,3,5 Trimethylbenzene	U	U
Vinyl Acetate	U	U
Vinyl Chloride	U	U
o-Xylene	U	U
t butylmethylether	U	U
1,2,2 Trifluoro-1,1,2 Trichloroethane	U	U
m + p Xylene	4.3	U
Bromodichloromethane	U	U
1,2 Dibromoethane	U	U
Methyl Ethyl Ketone	U	U
4-Methyl-2-Pentanone	U	U
Bromoform	U	U
Bromomethane	U	U
1,3 Butadiene	4.3	U
4-Ethyltoluene	U	U
Carbon Disulfide	200	7.8
Carbon Tetrachloride	U	U
Chlorobenzene	U	U
Dibromochloromethane	U	U
Chloroethane	U	U
Chloroform	U	U
Chloromethane	U	U
Propene	28	U
Cyclohexane	U	U
1,2 Dichlorobenzene	U	U
1,3 Dichlorobenzene	U	U
1,4 Dichlorobenzene	U	U
Dichlorodifluoromethane	U	U
1,1 Dichloroethane	U	U
1,2 Dichloroethane	U	U
1,1 Dichloroethene	U	U
cis-1,2-Dichloroethene	U	U
trans-1,2-Dichloroethene	U	U
1,2 Dichloropropane	U	U
c 1,3 Dichloropropene	U	U
Total BTEX	U	U
Total VOCs	250	8

ABBREVIATIONS:

ug/m³ - Micrograms per cubic meter

QUALIFIERS:

U: Compound analyzed for but not

J: Analyte detected at or below quantitation

D: Result taken from reanalysis at a secondary dilution

Franklin Cleaners Site
NYSDEC CONTRACT No. D004446 / SITE No. 1-30-050
Summary of Monitoring Well Conditions

Monitoring Well I.D.	ASMW-1	ASMW-2	ASMW-3	ASMW-4	ASMW-5	ASMW-6	ASMW-7
Date of inspection	5/12/2010	5/12/2010	5/12/2010	5/12/2010	5/12/2010	5/11/2010	5/11/2010
Well visible?	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Well I.D. visible?	Yes	Yes	Yes	Yes	Yes	No	No
Well location match site map?	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Surface seal present?	Yes	Yes	Yes	Yes	Yes	No	Yes
Surface seal competent?	Yes	Yes	Yes	Yes	Yes	--	No
Protective casing in good condition?	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Headspace reading (ppm)	0.5	0.8	0.1	0.4	0.6	3.5	3.9
Protective casing material type	Steel	Steel	Steel	Steel	Steel	Steel	Steel
Lock present?	Yes	Yes	No	Yes	Yes	Yes	Yes
Lock functional?	Yes	Yes	--	Yes	Yes	Yes	Yes
Lock replaced?	--	--	No	--	--	--	--
Evidence that the well is double cased?	No	No	No	No	No	No	No
Well measuring point visible?	No	No	No	No	No	No	No
Total depth from TOC (feet)	89.91	89.30	89.65	107.30	135.80	132.22	247.50
DTW from TOC (feet)	17.72	17.03	16.77	16.33	17.36	16.55	17.90
TOC Elevation (feet amsl)	47.29	46.25	46.99	44.06	44.25	43.33	43.21
Groundwater Elevation (feet amsl)	29.57	29.22	30.22	27.73	26.89	26.78	25.31
Well diameter (inches)	2	2	2	2	2	2	6
Well casing material	PVC	PVC	PVC	PVC	PVC	PVC	PVC
Physical condition of visible well casing	Good	Good	Good	Good	Good	Good	Good

ABBREVIATIONS:

TOC - Top of casing
DTW - Depth to water
AMSL - Above mean sea level

SITE NAME: DEC - Hempstead 206

SITE ID: 1-30-050
INSPECTOR: PL/ES
DATE/TIME: 5-12-10 / 1000
WELL ID: ASMW-1

MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble Pathfinder: _____ Satellites: _____
GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE?

YES	NO
X	

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

YES	NO
X	

SURFACE SEAL PRESENT?

YES	NO
X	

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

YES	NO
X	

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED 0.5 0.014
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE: steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

LOCK PRESENT?

YES	NO
X	

LOCK FUNCTIONAL?

YES	NO
X	

DID YOU REPLACE THE LOCK?

YES	NO
	X

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

YES	NO
	X

WELL MEASURING POINT VISIBLE?

YES	NO
	X

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 89.91
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 17.72
MEASURE WELL DIAMETER (Inches): 2.0
WELL CASING MATERIAL: PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: OK
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES..... -

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
On North side of Equip (compared) Shed - easily accessible

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.
North side of Remediation Equipment Shed.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):
/

REMARKS:
/

SITE NAME: DEC - Hempstead 206

SITE ID.: 1-30-0050
INSPECTOR: PL/ES
DATE/TIME: 5-12-10/1120
WELL ID.: ASMU-2

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below)	X	
WELL COORDINATES? NYTM X _____ NYTM Y _____ PDOP Reading from Trimble Pathfinder: _____ Satelites: _____ GPS Method (circle) Trimble And/Or Magellan		

	YES	NO
WELL I.D. VISIBLE?	X	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	

	YES	NO
WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:		
SURFACE SEAL PRESENT?	X	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED..... 0.8 PID14
 TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) _____
 PROTECTIVE CASING MATERIAL TYPE: _____ Steel
 MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

	YES	NO
LOCK PRESENT?	X	
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?		X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		X
WELL MEASURING POINT VISIBLE?		X

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 89.3
 MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 17.03
 MEASURE WELL DIAMETER (Inches): 2.0
 WELL CASING MATERIAL: PVC
 PHYSICAL CONDITION OF VISIBLE WELL CASING: OK
 ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE
 PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
Just inside path to East of first ramped gate

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.
In grass on path - easily accessible, some brush surroundy

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

REMARKS:

SITE NAME: DEC - Hempstead 206

SITE ID: 1-30-050
INSPECTOR: PLIE
DATE/TIME: 5-12-10/1040
WELL ID: ASHW-3

MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below)
WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble Pathfinder: _____ Satelites: _____
GPS Method (circle) Trimble And/Or Magellan

YES	NO
X	

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

YES	NO
X	
X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

3

YES	NO
X	
X	
X	

SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED.....
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (if applicable)
PROTECTIVE CASING MATERIAL TYPE:
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

0.1 P1014
-
steel

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

YES	NO
X	X
X	X
	X
	X

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):
MEASURE WELL DIAMETER (Inches):
WELL CASING MATERIAL:
PHYSICAL CONDITION OF VISIBLE WELL CASING:
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

89.65
16.77
2.0
PVC
OK
-
-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
End of path East of first compound gate. Marked w/ cone

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.
In grass - marked by cone - some surrounding brush

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

REMARKS:

SITE NAME: DEC - Hempstead 206

SITE ID: 1-30-050

INSPECTOR: PL/ES

DATE/TIME: 5-12-10/815

WELL ID: ASMW-4

MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below)

WELL COORDINATES? NYTM X _____ NYTM Y _____

PDOP Reading from Trimble Pathfinder: _____ Satellites: _____

GPS Method (circle) Trimble And/Or Magellan

YES	NO
X	

WELL I.D. VISIBLE?

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

YES	NO
X	
X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

ASMW-6 → changed to ASMW-4

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	
X	
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED.....

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

0.4 PIDM

Steel

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
X	
X	
	X
	X
	X

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

MEASURE WELL DIAMETER (Inches):

WELL CASING MATERIAL:

PHYSICAL CONDITION OF VISIBLE WELL CASING:

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

107.30

16.33

2.0

PVC

016

/ (marker)

/

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Easily accessible. Some rubble near wells

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

South of lot in SE of Ball field - just over curb

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

/ (curb should block vehicle runoff)

REMARKS:

/

SITE NAME: DEC - Hempstead 206

1-30-050

SITE ID: +30002
INSPECTOR: RLIS
DATE/TIME: 5-12-10/900
WELL ID: AS4W5

MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below)
WELL COORDINATES? NYTM X _____ NYTM Y _____
PDOP Reading from Trimble Pathfinder: _____ Satellites: _____
GPS Method (circle) Trimble And/Or Magellan

YES	NO
X	

WELL I.D. VISIBLE?
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

YES	NO
X	
X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

7 → changed to 5

SURFACE SEAL PRESENT?
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	
X	
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED.....
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE:
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

0.6 ppm
Steel

LOCK PRESENT?
LOCK FUNCTIONAL?
DID YOU REPLACE THE LOCK?
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)
WELL MEASURING POINT VISIBLE?

YES	NO
X	
X	
	X
	X
	X

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):
MEASURE WELL DIAMETER (Inches):
WELL CASING MATERIAL:
PHYSICAL CONDITION OF VISIBLE WELL CASING:
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES.....

135.8
17.36
2-0
PVC
OIC
✓ (marker)

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

behind lot SE of Ball Field

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

None - runoff from lot should be blocked by curb

REMARKS:

SITE NAME: DEC-Hempstead 206

SITE ID.: 1-36-050
INSPECTOR: PLIES
DATE/TIME: 5-11-10/1140
WELL ID.: ASHW-6

MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below)	YES	NO
WELL COORDINATES? NYTM X _____ NYTM Y _____ PDOP Reading from Trimble Pathfinder: _____ Satellites: _____ GPS Method (circle) Trimble And/Or Magellan	X	

WELL I.D. VISIBLE?	YES	NO
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....	X	X

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:	YES	NO
SURFACE SEAL PRESENT?		X
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	X	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	X	

HEADSPACE READING (ppm) AND INSTRUMENT USED..... 3.5 ppm PDM
 TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) _____
 PROTECTIVE CASING MATERIAL TYPE: steel
 MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

LOCK PRESENT?	YES	NO
LOCK FUNCTIONAL?	X	
DID YOU REPLACE THE LOCK?	X	X
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)		X
WELL MEASURING POINT VISIBLE?		X

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 132.22
 MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 16.55
 MEASURE WELL DIAMETER (Inches): 2.0
 WELL CASING MATERIAL: PVC
 PHYSICAL CONDITION OF VISIBLE WELL CASING: OK
 ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE -
 PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES..... No markings

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Lot to SE of Bamboo field (excavated)

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

Runoff from leaking vehicles in lot (no curb)

REMARKS:

SITE NAME: DEC - Hempstead 206

SITE ID.: 1-30-050

INSPECTOR: PLIES

DATE/TIME: 5-11-10/1030

WELL ID.: ASHW-7

MONITORING WELL FIELD INSPECTION LOG

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? NYTM X _____ NYTM Y _____
 PDOP Reading from Trimble Pathfinder: _____ Satellites: _____
 GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE?

YES	NO
	X

 WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back).....

YES	NO
X	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

YES	NO

 SURFACE SEAL PRESENT?

YES	NO
X	

 SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below) (water in well)

YES	NO
X	X

 PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED 3.9 ppm PID14
 TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) _____
 PROTECTIVE CASING MATERIAL TYPE: Steel
 MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): _____

LOCK PRESENT?

YES	NO
X	

 LOCK FUNCTIONAL?

YES	NO
X	

 DID YOU REPLACE THE LOCK?

YES	NO
	X

 IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

YES	NO
	X

 WELL MEASURING POINT VISIBLE?

YES	NO
	X

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 247.50
 MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 17.90
 MEASURE WELL DIAMETER (Inches): 6.0
 WELL CASING MATERIAL: PVC 5CL 80
 PHYSICAL CONDITION OF VISIBLE WELL CASING: OK
 ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE -
 PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES..... NO

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.
 Easily accessible. In maintenance lot behind ball field

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)
 AND ASSESS THE TYPE OF RESTORATION REQUIRED.
 - On gravel/pavement on concrete pad

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):
 runoff from parked vehicles (No curb to stop runoff)

REMARKS:

ATTACHMENT C

RESULTS OF GROUNDWATER ANALYSIS

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	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
DATE OF	5/12/2010	5/12/2010	5/12/2010	5/12/2010	5/12/2010	5/11/2010	5/11/2010	
COLLECTED	EAR	EAR	EAR	EAR	EAR	EAR	EAR	
UNITS	(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	0.1 J	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	1.1 J	U	U	U	U	U	U	5 ST
Methylene chloride	U	U	U	U	U	U	U	5 ST
trans 1,2-Dichloroethene	U	U	U	U	U	U	U	5 ST
1,1-Dichloroethane	0.24 J	U	U	U	U	U	U	5 ST
Chloroform	0.34 J	U	U	0.14 J	U	U	U	7 ST
1,1,1-Trichloroethane	5	U	U	U	U	U	U	5 ST
Carbon tetrachloride	U	U	U	U	U	U	U	5 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	0.6 ST
Trichloroethene	U	U	U	U	U	U	U	5 ST
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
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	14	8.8	0.35 J	0.16 J	U	U	U	5 ST
Dibromochloromethane	U	U	U	U	U	U	U	50 GV
Chlorobenzene	U	U	U	U	U	U	U	5 ST
Bromoform	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-Dichlorobenzene	U	U	U	U	U	U	U	3 ST
2-Chloroethyl vinyl ether	U	U	U	U	U	U	U	5 ST

NOTES:

Concentration exceeds NYSDEC Class
GA Groundwater Standards or Guidance
Values

ABBREVIATIONS:

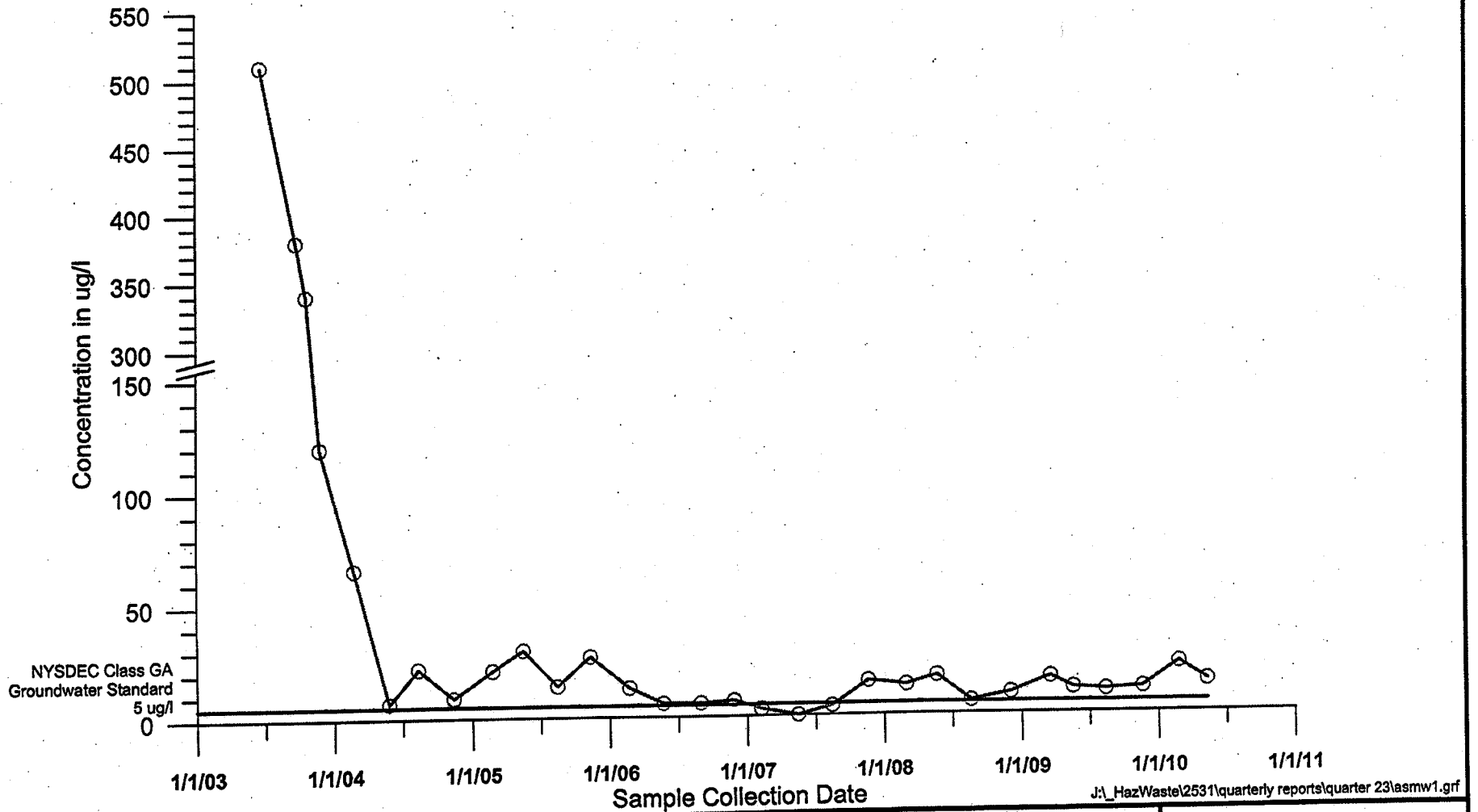
ug/L = Micrograms per liter
 --: Not established
 ST: Standard Value
 GV: Guidance Value

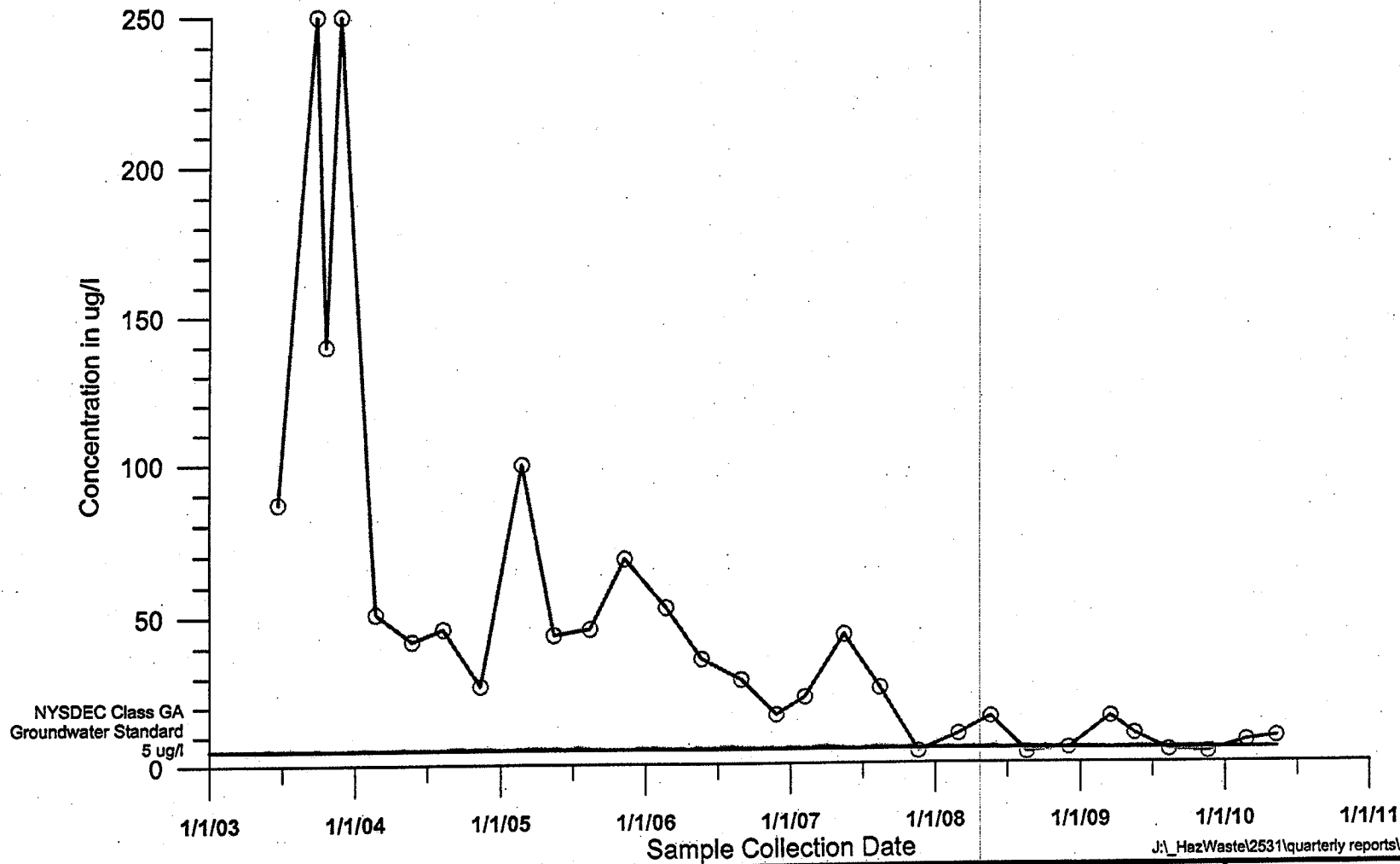
QUALIFIERS:

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

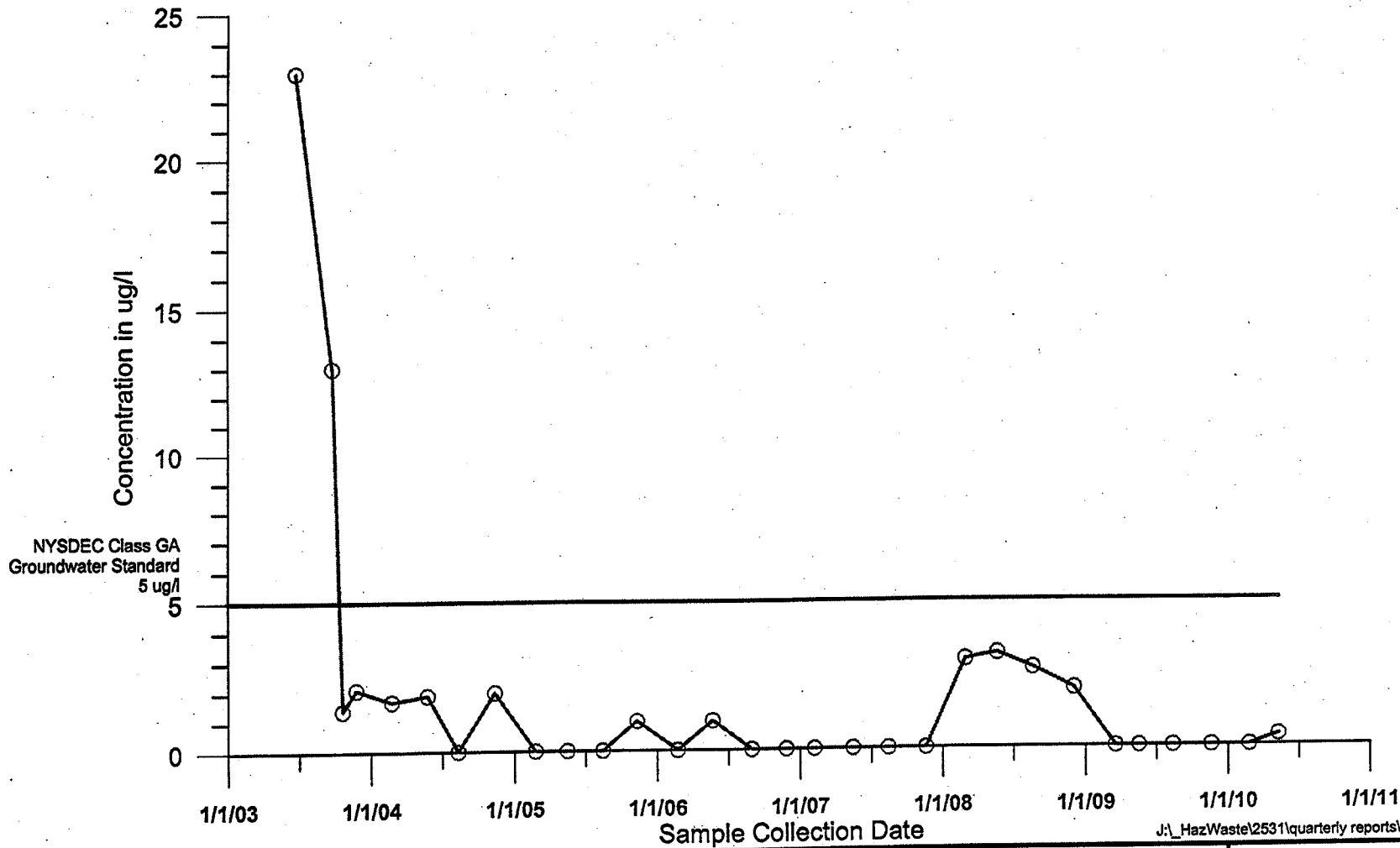
ATTACHMENT D

**MONITORING WELL TREND LINE GRAPHS
AND HISTORIC CONCENTRATION TABLE**





J:_HazWaste\2531\quarterly reports\quarter 23\asmw2.grf



J:_HazWaste\2531\quarterly reports\quarter 23\asmw3.grf

Franklin Cleaners Site
NYSDEC CONTRACT No. D004446 / SITE No. 1-30-050
Groundwater Monitoring Wells
PCE Concentrations

Tetrachloroethene (PCE) in ug/l Class GA Standard = 5 ug/l							
SAMPLE ID	ASMW-1	ASMW-2	ASMW-3	ASMW-4	ASMW-5	ASMW-6	ASMW-7
SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER	WATER
DATE							
6/23/03	510	87	23	U	U	NA	NA
9/25/03	380	250	13	U	U	NA	NA
10/21/03	340	140	1.4	U	U	NA	NA
11/25/03	120	250	2.1	U	U	NA	NA
2/23/04	66	51	1.7	U	U	NA	NA
5/25/04	6.8	42	1.9	U	U	NA	NA
8/11/04	22	46	U	U	U	NA	NA
11/12/04	9.0	27	2.0	U	U	NA	NA
2/24/05	21	100	U	U	U	U	U
5/16/05	30	44	U	U	U	U	U
8/15/05	14	46	U	U	U	U	U
11/11/05	27	69	1.0	U	U	U	U
2/23/06	13	53	U	U	U	U	U
5/23/06	6.0	36	1.0	U	U	U	U
8/31/06	6.0 J	29	U	U	U	U	U
11/27/06	7.0 J	17	U	U	U	U	U
2/2/07	3.0 J	23	U	U	U	U	U
5/17/07	U	44	U	U	U	U	U
8/15/07	4.0 J	26	U	U	U	U	U
11/20/07	15	4.0 J	U	U	U	U	U
2/28/08	13	10	3.0 J	U	U	U	U
5/20/08	17	16	3.2 J	U	U	U	U
8/19/08	5.6 J	3.5 J	2.7 J	U	U	U	U
12/3/08	9.1 J	5.0 J	2.0 J	U	U	U	U
3/19/09	16	16	U	U	U	U	U
5/18/09	11	10	U	U	U	U	U
8/13/09	10	4.2	U	U	U	U	U
11/20/09	11	3.5	U	U	U	U	U
2/25/10	22	7.5	U	U	U	U	U
5/12/10	14	8.8	0.35 J	0.16 J	U	U	U

NOTES:

Concentration exceeds NYSDEC Class GA Groundwater Standard

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

ATTACHMENT E

DATA VALIDATION CHECKLISTS

DATA VALIDATION CHECK LIST

Project Name:	Franklin Cleaners aka Hempstead		
Project Number:	2531-03		
Sample Date(s):	May 11 and 12, 2010		
Matrix/Number of Samples:	Water/ 7 (ASMW-1 to ASMW-7) Trip Blank/0		
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT		
Analyses:	Volatile Organic Compounds (VOCs): 40 CFR Part 136 method 624		
Laboratory Report No:	220-12214	Date:	5/25/2010

ORGANIC ANALYSES VOCS

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Trip blanks					
C. Field blanks					
3. Laboratory Control Sample (LCS) %R		X		X	
4. Surrogate spike recoveries		X		X	
5. Field duplicates RPD					X

VOCs - volatile organic compounds

%R - percent recovery

RPD - relative percent difference

Comments:

Performance was acceptable.

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 7/8/2010
VALIDATION PERFORMED BY SIGNATURE:	