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July 14, 2011

Mr. David Gardner
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. 3
D&B No. 2531-08

Dear Mr. Gardner:

Groundwater Sampling Report (No. 3) presents a summary of the groundwater sampling activities performed on August 19, 20 and 31, 2010 at the Franklin Cleaners groundwater extraction and treatment system (see Attachment A, Figure 1). This groundwater sampling event was completed during the operating period beginning June 1, 2010 through August 31, 2010 (Quarter 24).

Monitoring and sampling activities were conducted by a New York State Department of Environmental Conservation (NYSDEC) "call-out" contractor, Environmental Assessment and Remediations (EAR), under direct contract to the NYSDEC. Reporting, data management and assessment, and additional engineering/technical 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 groundwater monitoring wells (ASMW-1 through ASMW-3) located in close proximity to the leading edge of the Franklin Cleaners plume, and four groundwater monitoring wells (ASMW-4 through ASMW-7) located downgradient of the leading edge of the plume. Note that groundwater monitoring wells ASMW-4 through ASMW-7 act as early warning or "sentinel" wells for a cluster of Village of Rockville Centre production wells located downgradient of the Franklin Cleaners treatment system building. The locations of the groundwater monitoring wells are shown on Figure 2, provided in Attachment A.

All seven groundwater monitoring wells were accessible during field sampling activities. Although all groundwater monitoring wells were located as indicated on the site map, well IDs were not visible on groundwater monitoring wells ASMW-4, ASMW-5, and ASMW-6. Groundwater monitoring wells ASMW-1 through ASMW-3 were observed to be in good condition and were sealed at the surface. Although groundwater monitoring wells ASMW-4 through ASMW-7 were observed to be in usable condition, some damage due to Molloy College parking lot repaving activities was noted, as detailed below.

In order to investigate reported damage to the "sentinel" wells and following completion of repaving activities at Molloy College, D&B and EAR conducted an assessment of these groundwater monitoring wells. The assessment was completed on August 26, 2010 and the following were observed:

- The well pad at groundwater monitoring well ASMW-4 has been destroyed and/or removed. In addition, the monitoring well cover was damaged and the cover bolts were stripped.
- The well cover at groundwater monitoring well ASMW-5 is currently below the final surface grade. The well pad has been destroyed and/or removed and the locking well cap has been damaged. In addition, the well riser will need to be extended and resurveyed.
- The well pad and protective casing/manhole at groundwater monitoring well ASMW-6 was observed to have been demolished and/or removed. Apparently, during the Molloy College repaving activities, soil had been excavated around ASMW-6 and a black drainage pipe had b een installed around the well riser. Note that the well riser is currently below grade. In addition, a concrete drainage ring, including a manhole cover, has been installed around ASMW-6.
- A large PVC Vault was observed to have been installed directly over groundwater monitoring well ASMW-7. Apparently, during the Molloy College repaving activities, a drainage ring structure was observed to have been installed around ASMW-7. Several drainage pipes enter the drainage ring structure, where it is presumed runoff from a portion of the newly paved area is discharged. The well riser will need to be extended and resurveyed.

In addition, based on the previous quarter's well assessment, new locks and well caps were installed at groundwater monitoring wells ASMW-6 and ASMW-7 on July 9, 2010.

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

The casings for all of the groundwater monitoring wells were observed to be in good condition. Well caps and locks were intact and functional on all wells with the exception of ASMW-4 and ASMW-5,

where cracked well caps and non-functional locks were noted. In addition, the well measuring point was not visible on any of the monitoring wells with the exception of ASMW-5.

A headspace reading for total volatile organic compounds (VOCs) was obtained utilizing a photoionization detector (PID) at each monitoring well immediately after the removal of the well caps. VOC concentrations ranged from 0.0 parts per million (ppm) to a maximum concentration of 96.1 ppm, detected at ASMW-3.

As detailed in Groundwater Sampling Report No. 2, headspace vapor samples were collected from monitoring wells ASMW-6 and ASMW-7 for laboratory analysis of VOCs via EPA Method TO-15 on April 15, 2010. Several VOCs including benzene, toluene; m and p xylene, 1,3-butadiene, carbon disulfide and propene were detected in the headspace vapor samples. However, chlorinated VOCs were not detected in any of these headspace vapor samples. As such, the VOCs detected in the headspace samples are not attributable to the Franklin Cleaners site.

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 groundwater monitoring wells ASMW-1 through ASMW-7 on August 19, 20 and 31, 2010. The groundwater samples were analyzed for VOCs utilizing United States Environmental Protection Agency (USEPA) Method 624.

The results of the analyses of the groundwater samples collected from the monitoring wells this reporting period are provided in Attachment C and specific contaminants of concern are summarized on Figure 2 provided in Attachment A. The results are compared to the NYSDEC Class GA Groundwater Standards and Guidance Values. Tetrachloroethene (PCE), at a concentration of 8.2 ug/l, was detected in excess of its Class GA Standard of 5.0 ug/l in groundwater monitoring well ASMW-1, which represents a decrease from a concentration of 14.0 ug/l detected during the previous reporting period (May 12, 2010). In addition, PCE was detected in groundwater sample ASMW-2 at a concentration of 2.1 ug/l, also representing a decrease from a concentration of 8.8 ug/l detected during the previous reporting period (May 12, 2010). Overall, PCE concentrations have continued to maintain a decreasing trend since 2003 in these two monitoring wells.

VOCs were not detected in the groundwater samples collected from monitoring wells ASMW-3, ASMW-4, ASMW-5, ASMW-6 and ASMW-7 during this reporting period, with the exception of chloromethane. Chloromethane, at a concentration of 0.36 ug/l, was detected in groundwater monitoring well ASMW-6. Chloromethane does not have a NYSDEC Class GA standard and is also not a chemical constituent attributable to the Franklin Cleaners Site.

Attachment D includes graphic representations which summarize PCE concentrations detected in

groundwater samples collected from groundwater monitoring wells ASMW-1, ASMW-2 and ASMW-3 since June 2003. Attachment D also 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. 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 PCE concentration of 5.0 ug/l. In addition, 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 quarter, PCE concentrations in the northern area of the plume have slightly decreased, based on a reduction in the PCE concentrations detected in groundwater monitoring wells ASMW-1 and ASMW-2. PCE was detected at respective concentrations of 8.2 ug/l and 2.1 ug/l in groundwater monitoring wells ASMW-1 and ASMW-2 during this reporting period, compared to respective concentrations of 14.0 ug/l and 8.8 ug/l detected during the previous reporting period.

Groundwater sampling for Quarter 25 was scheduled for November 2010, and was conducted as planned.

Lastly, review of sample analytical data associated with the Rockville Centre production wells indicates that VOCs have not been detected in any well since the Franklin Cleaners Site treatment system start-up.

Data Validation

All groundwater samples were analyzed for VOCs by Test America Laboratories (TAL), Shelton, CT. 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 well ASMW-6, where the surface seal and protective casing were damaged. In addition, groundwater monitoring wells ASMW-4, ASMW-5 and ASMW-6 were missing well IDs, and groundwater monitoring wells

ASMW-4 and ASMW-5 were observed to have cracked well caps and non-functional locks.

- A large PVC vault and drainage ring structure were observed to have been installed directly over/around groundwater monitoring well ASMW-7 during the Molloy College repaving activities. Several drainage pipes were also observed entering the drainage ring structure. It is assumed these drainage pipes discharge runoff storm water from the parking lot into this structure.
- VOC readings obtained from groundwater monitoring well headspace ranged from 0.0 ppm to 96.1 ppm. However, as discussed above, chlorinated VOCs were not detected in laboratory analyzed headspace vapor samples collected during the previous reporting period. Therefore, the VOCs detected in these headspace samples are not attributable to the Franklin Cleaners site.
- Concentrations of PCE detected in groundwater monitoring well ASMW-1 decreased from 14.0 ug/l (May 12, 2010) to 8.2 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.
- Concentrations of PCE detected in groundwater monitoring well ASMW-2 decreased from 8.8 ug/l detected during the previous reporting period (May 12, 2010) to 2.1 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.
- Concentrations of PCE detected in groundwater monitoring well ASMW-4 decreased from 1.16 ug/l detected during the previous reporting period (May 12, 2010) to non-detect this reporting period. It is worthy to note that the PCE detected during the previous reporting period was the only instance that PCE was detected in monitoring well ASMW-4 since the operation of the treatment system was initiated.
- PCE concentrations continue to remain non-detect in groundwater monitoring wells ASMW-3, ASMW-5, ASMW-6 and ASMW-7.
- Since the downgradient early warning "sentinel" wells for the Rockville Centre Water District exhibited non-detect VOC concentrations this reporting period, D&B concludes that the selected remedy is functioning as intended by the Record of Decision (ROD). In addition, 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 extraction and 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 and findings of the groundwater sampling event 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.
- Replace the non-functional locks on groundwater monitoring wells ASMW-4 and ASMW-5.
- Replace the monitoring well cover and well cover bolts for ASMW-4.
- Raise the well cover for ASMW-5, as necessary, to ensure the monitoring well cover is flush with final grade.
- Replace the well pad for ASMW-4, ASMW-5 and ASMW-6.
- Extend and resurvey the well riser for ASMW-5 and ASMW-6.
- Replace the damaged/removed surface seal and protective well casing/manhole for groundwater monitoring well ASMW-6.
- Replace monitoring well ASMW-7 or coordinate with Molloy College to remove the drainage ring structure surrounding the well.
- Continue to closely monitor PCE concentrations in groundwater monitoring well ASMW-4 and all "sentinel" wells.
- Install and sample up to five temporary Geoprobe wells to the south and west of the treatment system building to more accurately define the current location of the PCE plume. Based on the results of the temporary well sampling, it may be warranted to install additional permanent monitoring wells in these areas and/or modify the current extraction well configuration in order to ensure the entire plume is captured and monitored.

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

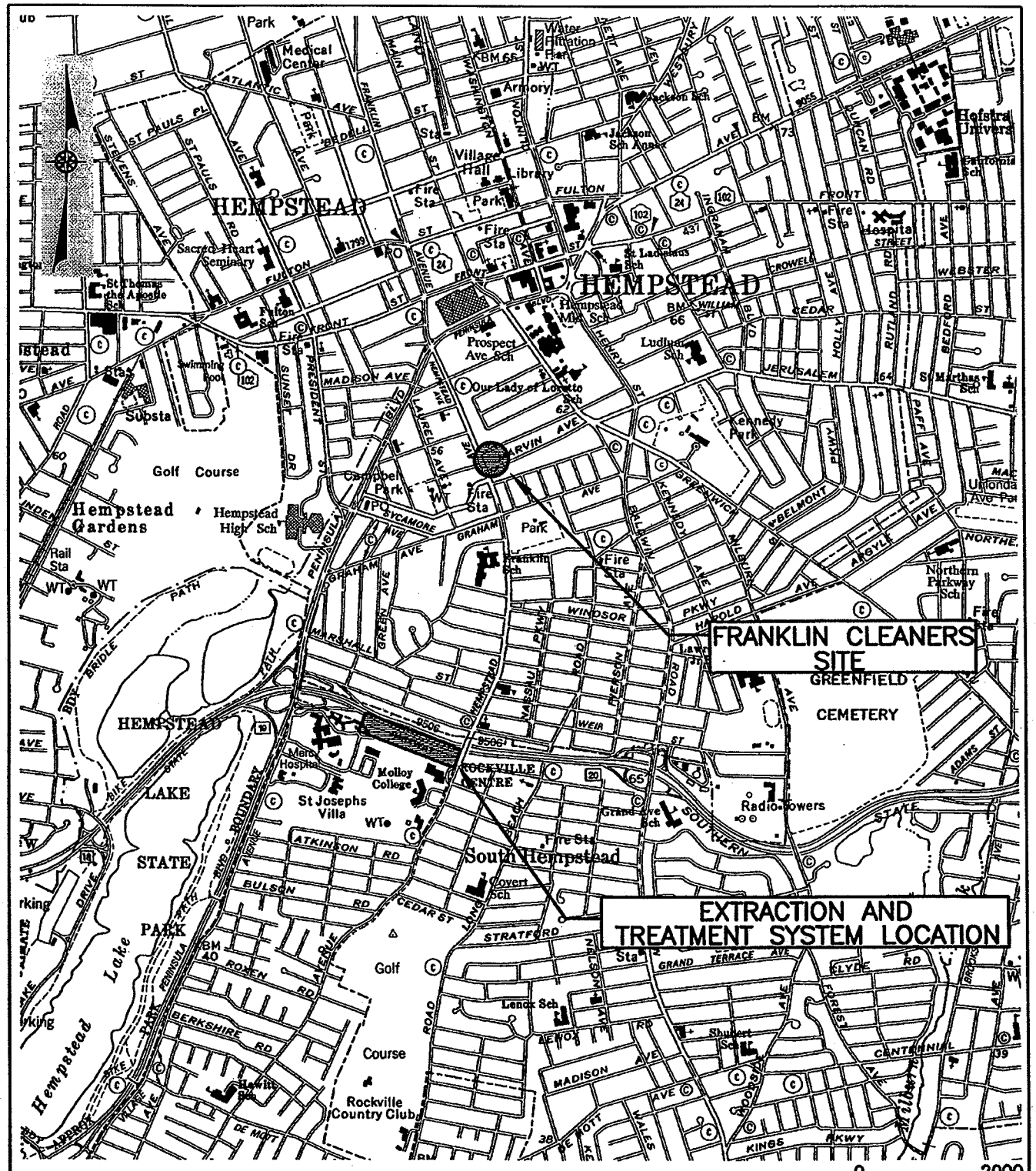
Very truly yours,

Stephen Tauss
Project Manager

SET/PM(t)/all,lf
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\SET022511PL_GW RPT 3.DOC(R14)

ATTACHMENT A

FIGURES



SOURCE: USGS FREEPORT AND LYNBROOK QUADRANGLES

FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

SITE LOCATION MAP

FIGURE 1

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

ASMW-1							
DATE SAMPLED	03/19/09	05/18/09	08/13/09	11/20/09	02/25/10	05/12/10	08/20/10
GW ELEVATION (4)	26.39	26.76	26.82	26.84	27.14	29.57	25.01
COLLECTED BY	D&B	D&B	D&B	D&B	EAR	EAR	EAR
Constituent							
1,1-Dichloroethene	ND	ND	ND	ND	1.5J	1.1J	0.34J
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.24J	0.16J
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	0.34J	0.27J
1,1,1-Trichloroethane	5.2J	6.4J	2.3J	2.4J	4.9J	5.0	1.1J
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	16	11	10	11	22	14	8.2
Xylene (total)	ND	ND	ND	ND	ND	ND	--
Toluene	ND	ND	ND	ND	ND	ND	--

ASMW-2							
DATE SAMPLED	03/19/09	05/18/09	08/13/09	11/20/09	02/25/10	05/12/10	08/20/10
GW ELEVATION (4)	26.10	26.59	26.69	25.85	26.81	29.22	25.01
COLLECTED BY	D&B	D&B	D&B	D&B	EAR	EAR	EAR
Constituent							
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	--
Methyl acetate	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	16	10	4.2J	3.5J	7.5J	8.8	2.1J
Xylene (total)	ND	ND	ND	ND	ND	ND	--

ASMW-3							
DATE SAMPLED	03/19/09	05/18/09	08/13/09	11/20/09	02/25/10	05/12/10	08/20/10
GW ELEVATION (4)	26.89	27.39	27.51	26.54	27.59	30.22	26.00
COLLECTED BY	D&B	D&B	D&B	D&B	EAR	EAR	EAR
Constituent							
Methyl tert-butyl ether	ND	ND	ND	ND	ND	ND	--
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND
Acetone	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	0.35J	ND
Xylene (total)	ND	ND	ND	ND	ND	ND	--
Toluene	ND	ND	ND	ND	ND	ND	--

ASMW-4							
DATE SAMPLED	03/19/09	05/18/09	08/13/09	11/20/09	02/25/10	05/12/10	08/31/10
GW ELEVATION (4)	25.06	25.31	25.41	24.86	25.79	27.73	23.59
COLLECTED BY	D&B	D&B	D&B	D&B	EAR	EAR	EAR
Constituent							
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	0.34J
Acetone	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	0.14J	ND
Chloromethane	ND	ND	ND	ND	ND	0.10J	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	1.16J	ND
Xylene (total)	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	--
Toluene	ND	ND	ND	ND	ND	ND	ND

ASMW-5							
DATE SAMPLED	03/19/09	05/18/09	08/13/09	11/20/09	02/25/10	05/12/10	08/31/10
GW ELEVATION (4)	28.70	24.69	24.33	24.20	24.88	26.89	22.64
COLLECTED BY	D&B	D&B	D&B	D&B	EAR	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	05/18/09	08/13/09	11/20/09	02/24/10	05/11/10	08/19/10
GW ELEVATION (4)	24.02	23.66	24.13	24.86	26.78	24.10
COLLECTED BY	D&B	D&B	D&B	EAR	EAR	EAR
Constituent						
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
Acetone	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	--

ASMW-7						
DATE SAMPLED	05/18/09	08/13/09	11/20/09	02/24/10	02/25/10	08/19/10
GW ELEVATION (4)	22.96	21.87	23.21	23.49	25.31	25.31
COLLECTED BY	D&B	D&B	D&B	EAR	EAR	EAR
Constituent						
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
Acetone	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	--

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

RYAN MEDICAL ARTS BUILDING
4-STORY BRICK

MAINTENANCE BLDG.

SOUTHERN STATE PARKWAY

N/F STATE OF NEW YORK

WILLIAM A. CASEY

ASMW-1
ASMW-2
ASMW-3
ASMW-4
ASMW-5
ASMW-6
ASMW-7

EW-1
EW-2

S73°04'22"E 412.12'

N19°21'38"E 501.74'

N-3745
(WELL 4B)

N-72
(WELL 4A)

N-8218
(WELL 4C)

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
-- – NOT ANALYZED

FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

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

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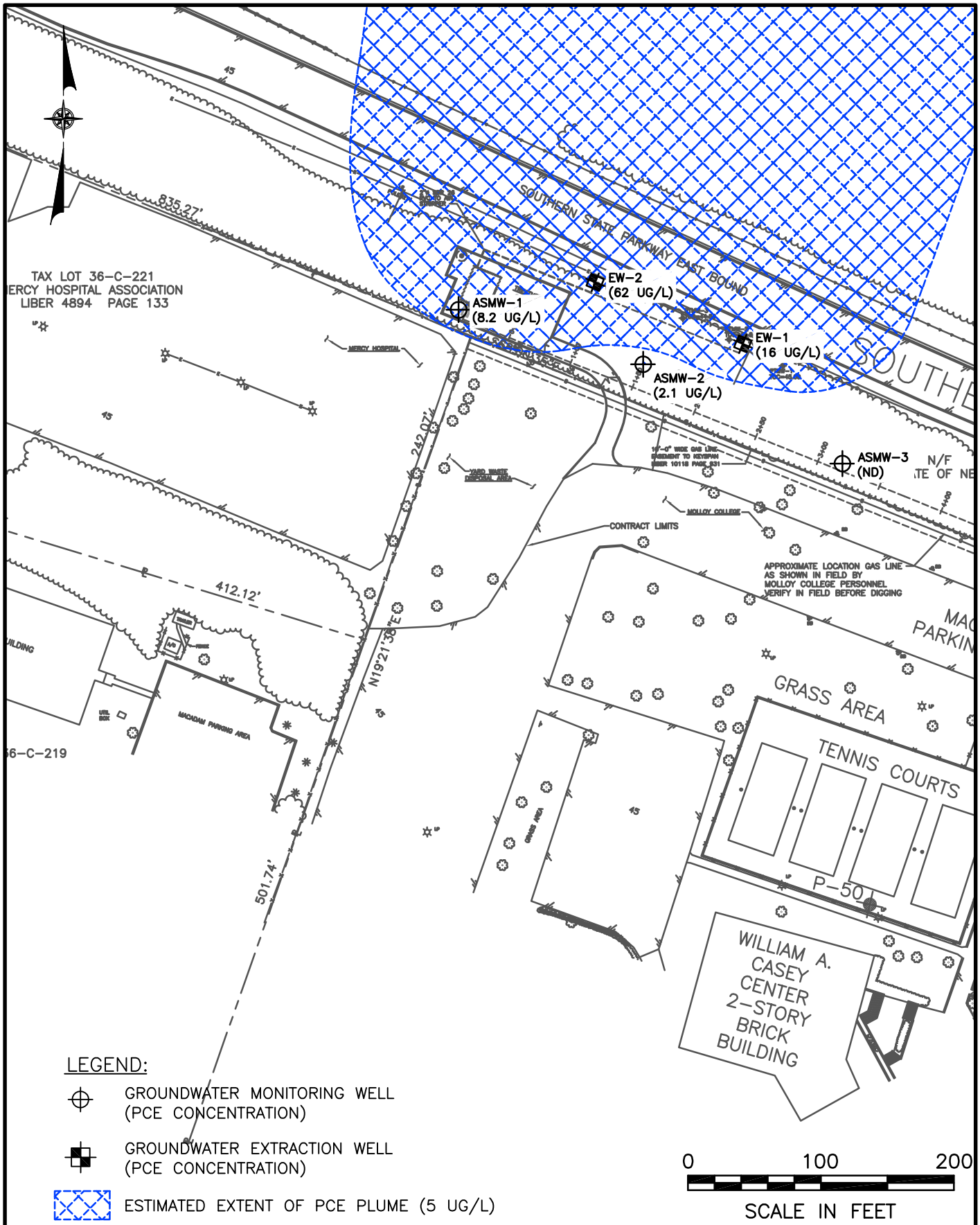
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

FIGURE 2

F:\2531\DWG\Quarterly Reports\Quarter 24\FIGURE 2.dwg, FIG 2, 1/31/2011 9:08:31 AM, dbcadd



F:\2531\DWG\Quarterly Reports\Quarter 24\FIGURE 3.dwg, Layout3, 3/18/2011 10:11:05 AM, KSaul

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FRANKLIN CLEANERS SITE
VILLAGE OF HEMPSTEAD, NEW YORK

GROSS PLUME MODEL

FIGURE 3

ATTACHMENT B

GROUNDWATER MONITORING WELL INSPECTION LOGS AND SUMMARY OF CONDITIONS

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	8/20/2010	8/20/2010	8/20/2010	8/31/2010	8/31/2010	8/19/2010	8/19/2010
Well visible?	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Well I.D. visible?	Yes	Yes	Yes	**No**	**No**	**No**	Yes
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**	Yes
Protective casing in good condition?	Yes	Yes	Yes	**No**	**No**	**No**	Yes
Headspace reading (ppm)	0.0	0.0	**96.1**	13.2	0.6	2.2	1.7
Protective casing material type	Steel	Steel	Steel	Steel	Steel	**None**	Steel
Lock present?	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lock functional?	Yes	Yes	Yes	**No**	**No**	Yes	Yes
Lock replaced?	--	--	--	**No**	**No**	--	--
Evidence that the well is double cased?	No	No	No	--	No	No	No
Well measuring point visible?	**No**	**No**	**No**	--	Yes	**No**	**No**
Total depth from TOC (feet)	89.86	81.38	89.77	107.45	132.84	110.89	258.80
DTW from TOC (feet)	22.28	21.24	20.99	20.47	21.61	19.23	17.90
TOC Elevation (feet amsl)	47.29	46.25	46.99	44.06	44.25	43.33	43.21
Groundwater Elevation (feet amsl)	25.01	25.01	26.00	23.59	22.64	24.10	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

ABBREVIATIONS:

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

DEC-Hempstead206.

SITE NAME:

SITE ID.: 130050
INSPECTOR: KS MM
DATE/TIME: 8/20/10 1215
WEll ID.: ASMW-1

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
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
WELL I.D. VISIBLE?	✓	
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
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..... 0.0 PID-14
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE: .....
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): .....

	YES	NO
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?		✓

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 89.86
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 22.28
MEASURE WELL DIAMETER (Inches): 2
WELL CASING MATERIAL: ..... PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: ..... Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE .....
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES..... None.

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.

Easy West to System Building.

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.

Grass area west to Compound fence.

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

Maintenance Building, Truck parking area other side of fence.

REMARKS:

Sketch

DEC- HEMPSTEAD 206

SITE NAME:

SITE ID.: 130050
INSPECTOR: KS, MM
DATE/TIME: 8/20/10 1130
WELL ID.: ASMW-2

MONITORING WELL FIELD INSPECTION LOG

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

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: ASMW-2

	YES	NO
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: 0.0 ppm PID
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE:
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

	YES	NO
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?		✓

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 81.38
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 21.24
MEASURE WELL DIAMETER (Inches): 2
WELL CASING MATERIAL: PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE: NONE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES: NONE

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.
Wooded area, Brush + Trees, Need to be maintained for access.

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.
Wooded area between SS pkwy + parking area @ College.

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

REMARKS:

Sketch

DEQ-Henderson 206

SITE NAME:

SITE ID.: 130050
INSPECTOR: KS. mm
DATE/TIME: 8/20/10 1030
WEll ID.: ASMW-3

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
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
WELL I.D. VISIBLE?	✓	
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
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..... 96.1 /PID 14
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE: .....
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): .....

	YES	NO
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?		—

MEASURE WELL DEPTH FROM MEASURING POINT (Feet): 89.77
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 20.99
MEASURE WELL DIAMETER (Inches): 2
WELL CASING MATERIAL: ..... PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: ..... Good
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE ..... — NONE
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES..... NONE

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.
Wooded area Brush, trees ect.

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.
Wooded area BETWEEN 59 pkwy + Molloy College Parking

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):
Maintenance Building - Salt machine ... Unknown.

REMARKS:

Sketch

SITE NAME: DEC - Hempstead 2010

SITE ID.:
INSPECTOR: KMK SR
DATE/TIME: 8/31/10
WELL ID.: ASMW-4

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		
WELL I.D. VISIBLE?		
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	X	
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		
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)		
PROTECTIVE CASING MATERIAL TYPE:		
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):		
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)		
WELL MEASURING POINT VISIBLE?		

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	107.45
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	20.47
MEASURE WELL DIAMETER (Inches):	2"
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	
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.

East of college soccer field in parking lot accessed through construction entrance

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.

well located in pavement last row of parking spaces,

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

Locking Riser ~~Cover~~ Cap Cracked. Both manhole bolt can not be locked or hold a seal eyelets are striped

REMARKS: PID: 13.2

Sketch

SITE NAME: DEC - Hempstead 2016

SITE ID.:

INSPECTOR: KMK, SR

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: ASMW-5

WELL ID.: 8/31/10

	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	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: "5"

	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) well cap damaged		X

HEADSPACE READING (ppm) AND INSTRUMENT USED

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

PROTECTIVE CASING MATERIAL TYPE: PVC

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): 132.84

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 21.16

MEASURE WELL DIAMETER (Inches):

WELL CASING MATERIAL: PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

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.

well is in parking lot east of college soccer 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.

well is in pavement east of ASMW-4

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

Paving over outside of manhole cove had to dig off. locking well cap cracked lock not being used

REMARKS:

PID - 0.1e

Sketch

SITE NAME: DEC - Hempstead 206

SITE ID.: Dec-Hempstead2
INSPECTOR: MH/ES
DATE/TIME: 8-19-10 / 1300
WELL ID.: 15MW6

MONITORING WELL FIELD INSPECTION LOG

	YES	NO
WELL VISIBLE? (If not, provide directions below) ..... (marked w/)	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	

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

See well Sethe Below

Construction pulled up manhole, well partially buried

HEADSPACE READING (ppm) AND INSTRUMENT USED..... 2.2 (PID12)
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable) N/A
PROTECTIVE CASING MATERIAL TYPE: ..... N/A
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): .....

manhole removed. Photo Docu. by KH

	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): ..... ~~15.3~~ 110.89
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 19.23
MEASURE WELL DIAMETER (Inches): 2.0
WELL CASING MATERIAL: ..... PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: ..... GOOD
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.
Land Heavy Construction

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.
Well had to be dug out - Manhole has been removed. Plastic Collar left around well - photodoc'd by KH.

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

REMARKS:

Sketch

SITE NAME: DEC-Hempstead 206

SITE ID.: DEC-Hempstead 206
INSPECTOR: ES/MM
DATE/TIME: 8-19-10 / 1000
WELL ID.: 15MW-7

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

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: 15MW-7

	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: PID12 1.7ppm
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)
PROTECTIVE CASING MATERIAL TYPE: Manhole / 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): 258.80'
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet): 23.83
MEASURE WELL DIAMETER (Inches): 6.0
WELL CASING MATERIAL: PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING: Good
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.
Amid Heavy Construction

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.
Inside Large Utility Box Amid Heavy Construction

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

REMARKS:

Sketch

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
SAMPLE	WATER	WATER	WATER	WATER	WATER	WATER	WATER	GROUNDWATER STANDARDS
DATE OF	8/20/2010	8/20/2010	8/20/2010	8/31/2010	8/31/2010	8/19/2010	8/19/2010	AND GUIDANCE VALUES
COLLECTED	EAR	EAR	EAR	EAR	EAR	EAR	EAR	
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	0.38 J	U	U	U	0.36 J	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	0.34 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	0.16 J	U	U	U	U	U	U	5 ST
Chloroform	0.27 J	U	U	U	U	U	U	7 ST
1,1,1-Trichloroethane	1.1 J	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	**8.2**	2.1 J	U	U	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	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	--	--	--	U	U	--	--	5 ST
1,2,4-Trichlorobenzene	--	--	--	U	U	--	--	5 ST
1,2-Dibromo-3-chloropropane	--	--	--	U	U	--	--	0.04 ST
1,2-Dibromoethane	--	--	--	U	U	--	--	5 ST
2-Butanone	--	--	--	--	--	--	--	50 GV
2-Hexanone	--	--	--	U	U	--	--	50 GV
4-Methyl-2-pentanone	--	--	--	--	--	--	--	--
Acetone	--	--	--	U	U	--	--	50 GV
Benzene	--	--	--	U	U	--	--	1 ST
Carbon disulfide	--	--	--	U	U	--	--	60 GV
cis-1,2-Dichloroethene	--	--	--	U	U	--	--	5 ST
Cyclohexane	--	--	--	U	U	--	--	--
Ethylbenzene	--	--	--	U	U	--	--	5 ST
Isopropylbenzene	--	--	--	U	U	--	--	5 ST
Methyl acetate	--	--	--	U	U	--	--	--
Methylcyclohexane	--	--	--	U	U	--	--	--
Methyl-tert butyl ether	--	--	--	U	U	--	--	10 GV
Styrene	--	--	--	U	U	--	--	5 ST
Toluene	--	--	--	U	U	--	--	5 ST
Xylene (total)	--	--	--	U	U	--	--	5 ST
1,1,1,2-Tetrachloroethane	--	--	--	U	U	--	--	5 ST
1,2,3-Trichlorobenzene	--	--	--	U	U	--	--	5 ST
1,2,4-Trimethylbenzene	--	--	--	U	U	--	--	5 ST
1,3-Dichloropropane	--	--	--	U	U	--	--	5 ST
2,2-Dichloropropane	--	--	--	U	U	--	--	5 ST
2-Chlorotoluene	--	--	--	U	U	--	--	5 ST
4-Chlorotoluene	--	--	--	U	U	--	--	5 ST
4-Isopropyltoluene	--	--	--	U	U	--	--	5 ST
Bromobenzene	--	--	--	U	U	--	--	5 ST
Hexachlorobutadiene	--	--	--	U	U	--	--	0.5 ST
Methyl isobutyl ketone	--	--	--	U	U	--	--	--
Naphthalene	--	--	--	U	U	--	--	10 ST
Methyl ethyl ketone	--	--	--	U	U	--	--	--
n-Butylbenzene	--	--	--	U	U	--	--	5 ST
N-Propylbenzene	--	--	--	U	U	--	--	5 ST
sec-Butylbenzene	--	--	--	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

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
8/31/10	**8.2**	2.1 J	U	U	U	U	U

NOTES:

Concentration exceeds NYSDEC Class GA Groundwater Standard

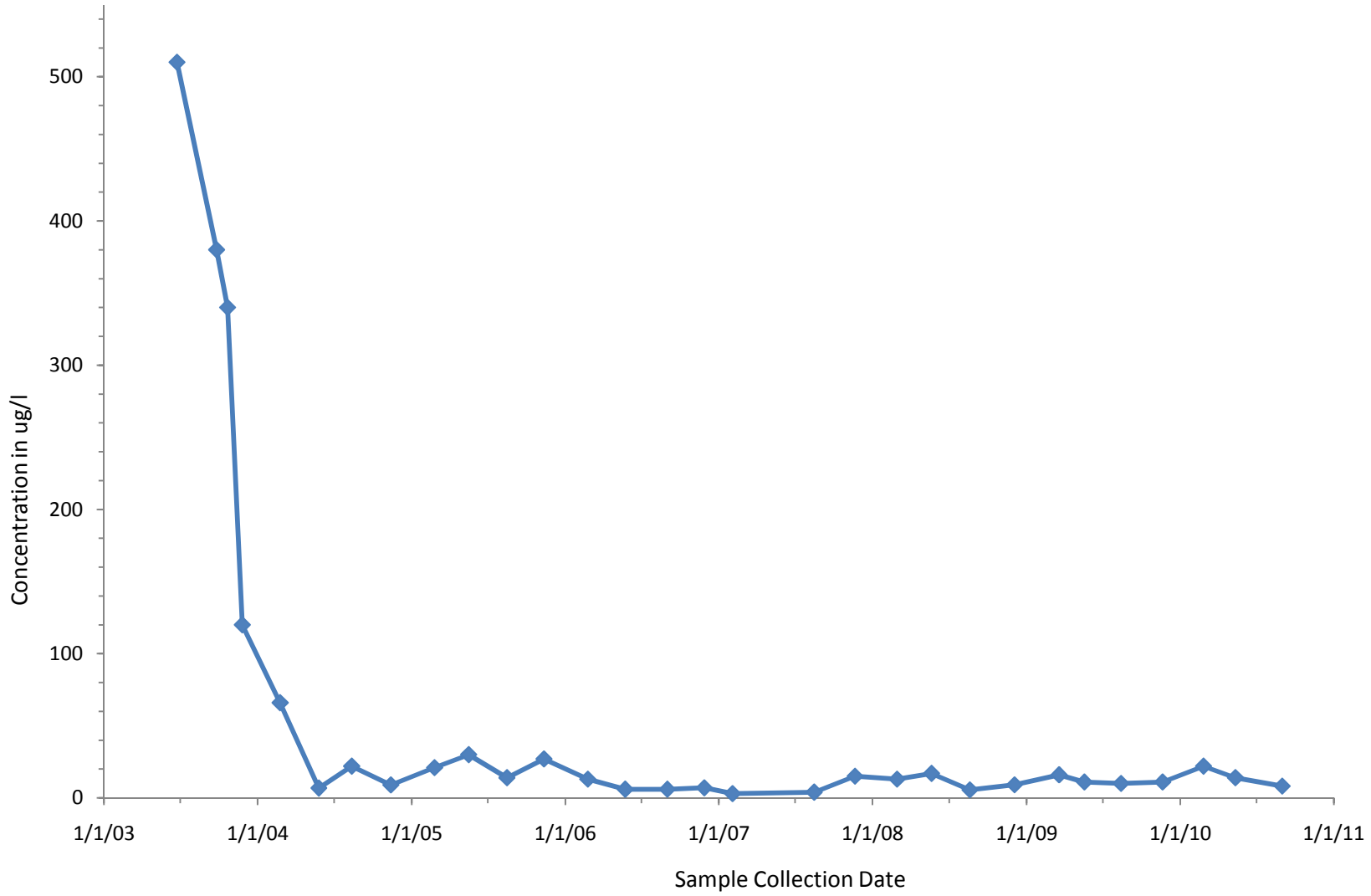
ABBREVIATIONS:

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

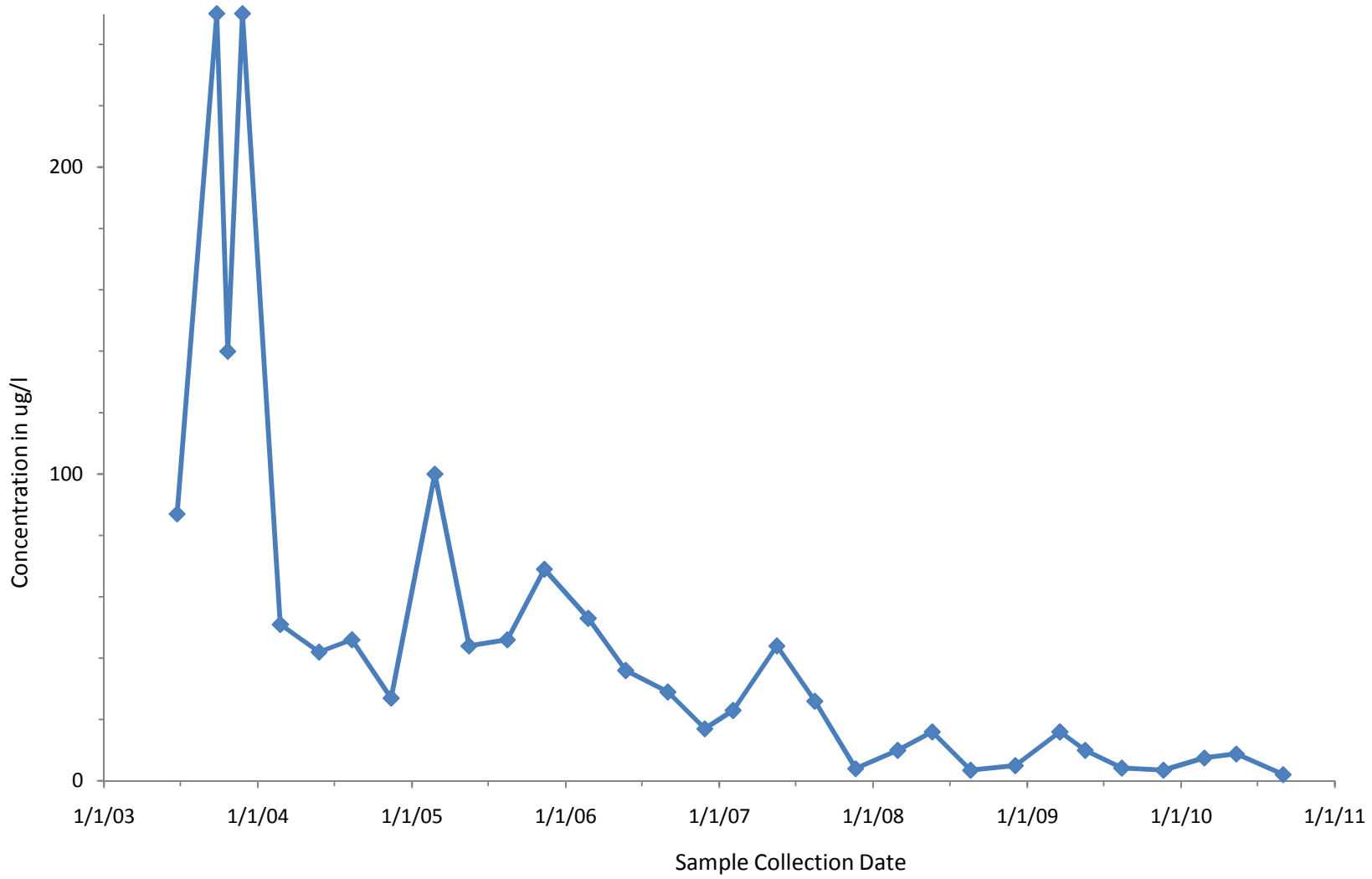
QUALIFIERS:

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

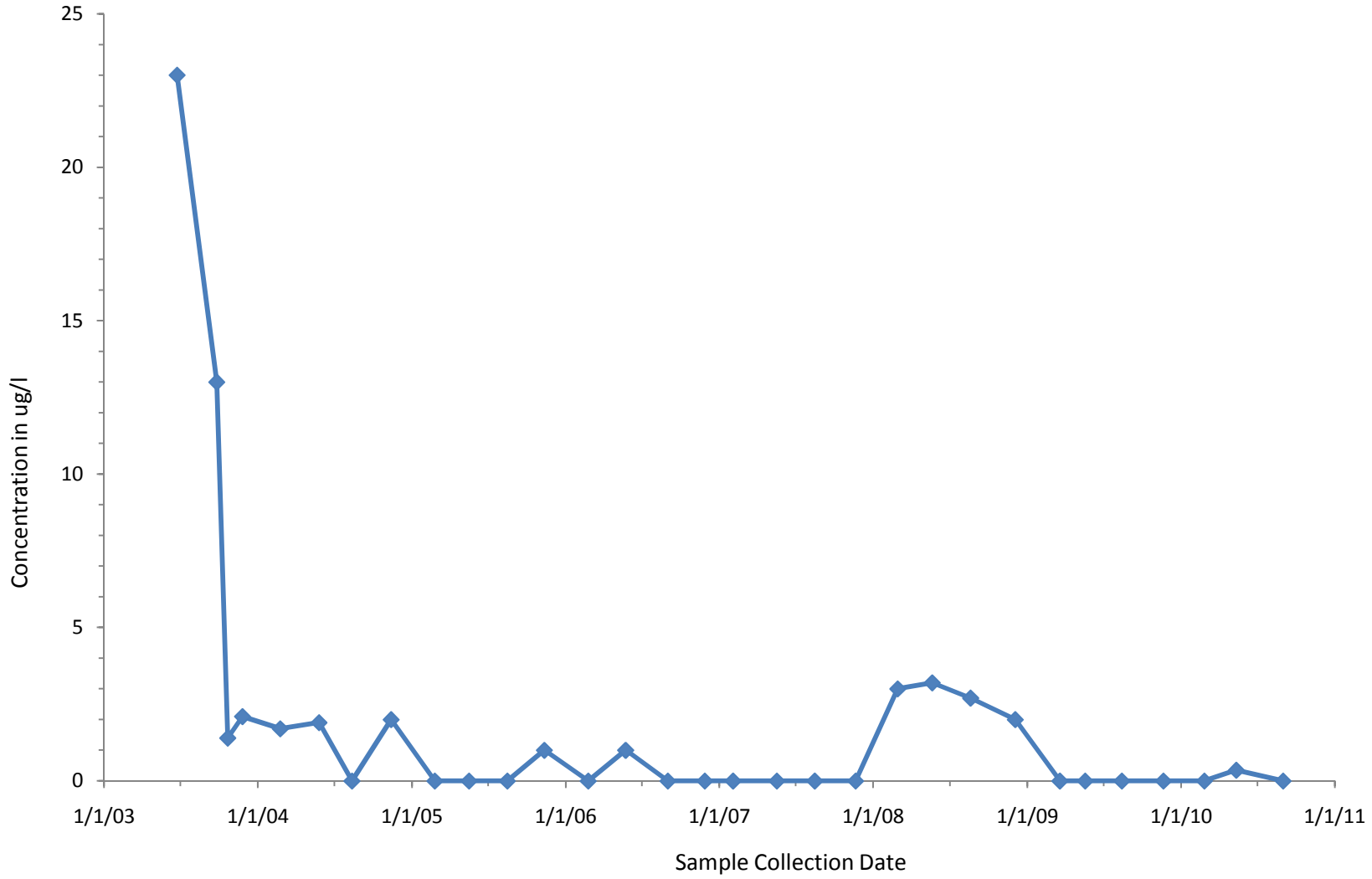
FRANKLIN CLEANERS SITE
NYSDEC CONTRACT NO. D004446 / SITE NO. 1-30-050
PCE FOR GROUNDWATER MONITORING WELL ASMW-1



FRANKLIN CLEANERS SITE
NYSDEC CONTRACT NO. D004446 / SITE NO. 1-30-050
PCE FOR GROUNDWATER MONITORING WELL ASMW-2



FRANKLIN CLEANERS SITE
NYSDEC CONTRACT NO. D004446 / SITE NO. 1-30-050
PCE FOR GROUNDWATER MONITORING WELL ASMW-3



ATTACHMENT E

DATA VALIDATION CHECKLISTS

DATA VALIDATION CHECK LIST

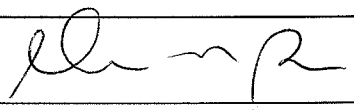
Project Name:	Franklin Cleaners aka Hempstead
Project Number:	2531-03
Sample Date(s):	August 20, 2010
Matrix/Number of Samples:	Water/ 3 (ASMW-1 to ASMW-3) Trip Blank/0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): 40 CFR Part 136 method 624
Laboratory Report No:	220-13119 Date:8/27/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
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 11/16/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

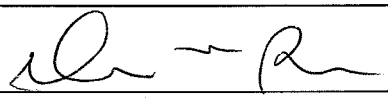
Project Name:	Franklin Cleaners aka Hempstead
Project Number:	2531-03
Sample Date(s):	August 31, 2010
Matrix/Number of Samples:	Water/ 2 (ASMW-4 to ASMW-5) Trip Blank/0
Analyzing Laboratory:	TestAmerica Laboratories, Shelton, CT
Analyses:	Volatile Organic Compounds (VOCs): SW846 8260B
Laboratory Report No:	220-13228 Date:9/13/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
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 11/18/2010
VALIDATION PERFORMED BY SIGNATURE:	

DATA VALIDATION CHECK LIST

Project Name:	Franklin Cleaners aka Hempstead
Project Number:	2531-03
Sample Date(s):	August 19, 2010
Matrix/Number of Samples:	Water/ 2 (ASMW-6 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:	220-13121 Date:8/27/2010

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
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 11/16/2010
VALIDATION PERFORMED BY SIGNATURE: