

QUARTERLY SUMMARY REPORT

PERIOD: January 1, 2014 through March 31, 2014

Date of Report: April 16, 2014

Location: American Drive-in Cleaners Site, 3801 Hempstead Turnpike, Levittown, NY

Activities During Reporting Period (January through March 2014)

- Monthly monitoring of the Beverage Center SSDS
- Performance of quarterly groundwater monitoring on March 5, 2014 at monitoring wells MW-7S, MW-7I, MW-7D, MW-8S, MW-8I, MW-9S, MW-9I and MW-9D.

Anticipated Activities During Next Reporting Period (April through June 2014)

- Performance of quarterly groundwater monitoring in accordance with SMP with approved revisions.
- Monthly monitoring of the Beverage Center SSDS.
- Submission of annual PRR report.

Summary and Conclusions

Groundwater Monitoring – Sampling was performed on March 5, 2014 in accordance with the requirements specified in the March 2010 SMP and July 2012 modifications. Table 1 is attached and includes both historic and most recent monitoring data. Figure 1, which shows the most recent PCE concentrations and groundwater elevation information, is also attached.

The 1st quarter 2014 data included detections of PCE in one onsite intermediate-level well (MW-7I) and one offsite intermediate-level well (MW-8I) in excess of the NYSDEC Class GA Ambient Water Quality Standard. The detected level in both MW-7I and MW-8I was noted to decrease relative to last quarter's results and remains well below historic levels. The extent of groundwater impacted by PCE in excess of its NYSDEC Standard remains delineated. FPM recommends that quarterly monitoring be continued in accordance with the SMP and modifications.

Beverage Center SSDS Monitoring - Monitoring of the Beverage Center SSDS was performed monthly during the monitoring period. No issues with SSDS performance or operation were noted.

Attachments

- Table 1 – Groundwater Analytical Results
- Figure 1 – Site Plan

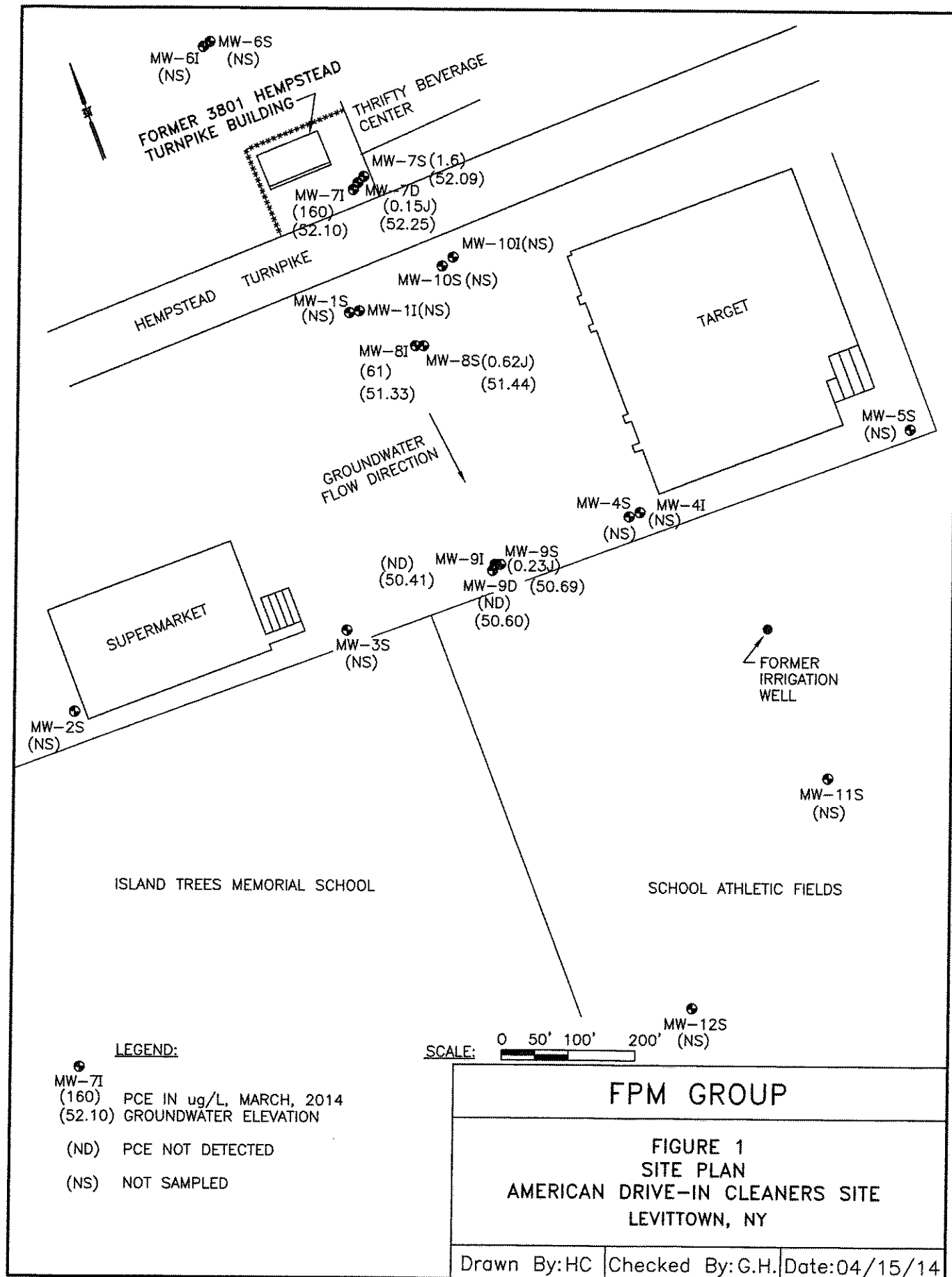


TABLE 1
GROUNDWATER ANALYTICAL RESULTS
AMERICAN DRIVE-IN CLEANERS
3801 HEMPSTEAD TURNPIKE, LEVITTOWN, NEW YORK

Analytical Parameter	Units	Date Sampled	MW-11	MW-15	MW-25	MW-35	MW-41	MW-45	MW-55	MW-61	MW-65	MW-7D	MW-71	MW-7S	MW-81	MW-85	MW-9D	MW-91	MW-95	MW-101	MW-10S	MW-11S	MW-12S	TOGS Groundwater Standards	
Tetrachloroethene	ug/L	1990	NA	274	NA	NA	NA	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5	
		1/20/98	NA	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		2/25/98	NA	NA	NA	NA	NA	NA	76	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		3/18/98	ND	180	ND	ND	ND	NA	46	ND	ND	34	NA	120	6,500	NA	NA	NA	NA	NA	NA	NA	NA		
		4/22/98	ND	250	ND	ND	NA	130	ND	ND	8	NA	130	5,200	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		2/3/99	2	360	ND	ND	NA	580	ND	ND	2	2	1,400	16,000	180	1,500	ND	ND	150	NA	NA	NA	NA		
		7/30/99	NA	NA	NA	NA	NA	380	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		1/20/00	NA	NA	NA	NA	NA	180	NA	NA	NA	NA	1,600	3,400	NA	570	NA	NA	74	NA	NA	NA	NA		
		9/14/04	ND	ND	NA	NA	0.62 J	1.0 J	NA	NS	NS	0.51 J	1,800 D	0.77 J	NS	NS	ND	ND	2.6 J	1.9 J	12	ND	NA		
		9/6/05	ND	ND	NA	NA	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	ND	0.82 J	NS	NS	NS	NA		
		9/7/05	NS	NS	NA	NA	ND	8.8	NA	NS	NS	0.90 J	77	1.2	NS	ND	NS	NS	NS	1.3	2	ND	NA		
		10/26/07	ND	ND	NA	NA	NS	NS	NA	ND	ND	ND	ND	220	578	ND	NS	NS	NS	ND	ND	NS	NA		
		1/25/08	ND	ND	NA	ND	ND	ND	NM	ND	ND	ND	120	ND	350	ND	ND	ND	ND	ND	ND	ND	ND		
		4/30/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	34	ND	200	ND	ND	ND	ND	ND	ND	ND	ND		
		7/28-29/08	ND	ND	NA	ND	ND	ND	NS	ND	ND	ND	120	ND	110	ND	ND	ND	ND	ND	ND	ND	ND		
		10/27/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	88	6.7	ND	ND	ND	ND	NS	NS	NS	NS	NS		
		1/31/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	110	14	110	ND	ND	ND	ND	NS	NS	NS	NS		
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.68	88	ND	240	ND	ND	ND	ND	NS	NS	NS	NS		
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.6	39	1.6	36	6.2	1.5	ND	1.1	NS	NS	NS	NS		
		10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	170	1.9	190	2.6	ND	ND	ND	NS	NS	NS		
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	36	3.8	110	ND	ND	ND	NS	NS	NS	NS		
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	2.4	4.3	2.2	ND	ND	ND	ND	NS	NS	NS	NS		
		7/14-16/10	ND	ND	ND	ND	ND	1.5 J	ND	ND	ND	ND	7.9	4.5 J	250	ND	ND	ND	ND	ND	ND	ND	ND		ND
		10/21/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	8.6	72	ND	ND	ND	ND	NS	NS	NS	NS		
		1/31/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	8.1	ND	1.1 J	ND	ND	ND	NS	NS	NS	NS		
		4/26/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	0.87 J	3.8 J	ND	2.1 J	ND	ND	NS	NS	NS	NS		
		8/1-2/2011	ND	ND	NS	ND	ND	1.2 J	ND	ND	ND	ND	740	ND	400	ND	ND	ND	ND	1.2 J	ND	ND	ND		
		11/8/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.20 J	56	0.64 J	120	ND	ND	ND	NS	NS	NS	NS	NS		
		2/15/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.19 J	18	2	85	0.38 J	0.17 J	ND	0.16 J	NS	NS	NS	NS		
		5/22/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	83	0.74 J	16	0.80 J	ND	ND	0.21 J	NS	NS	NS	NS		
		8/22/12	NS	NS	NS	NS	NS	1.3	NS	0.15 J	ND	0.12 J	35	0.51 J	22	0.35 J	ND	ND	NS	NS	NS	NS	NS		
		12/4/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.11 J	49	1.5	30	0.43 J	0.10 J	ND	NS	NS	NS	NS	NS		
		2/20/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	82	0.72 J	28	0.43 J	ND	ND	0.15 J	NS	NS	NS	NS		
		5/16/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.14 J	97	1	6.1	ND	ND	0.16 J	ND	NS	NS	NS	NS		
		9/4/13	NS	NS	NS	NS	NS	0.79 J	NS	ND	ND	ND	310	0.81 J	140	0.36 J	ND	ND	0.11 J	ND	NS	NS	NS		
		11/25/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.28 J	170	ND	180	0.42 J	ND	ND	0.25 J	NS	NS	NS	NS		
		3/5/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.15 J	160	1.6	61	0.62 J	ND	ND	0.23 J	NS	NS	NS	NS		
Toluene	ug/L	9/14/04	ND	ND	NA	NA	ND	0.50 J	NA	NS	NS	0.53 J	ND	ND	NS	ND	0.57 J	0.53 J	ND	ND	ND	0.50 J	NA	5	
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	0.89	NS	NS	NS	NS		
		7/14-16/10	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
		1/31/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	0.72 J	ND	NS	NS	NS	NS			
		11/8/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	0.20 J	ND	NS	NS	NS	NS			
		2/20/2013	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	0.24 J	0.18 J	NS	NS	NS	NS			
9/4/2013	NS	NS	NS	NS	NS	NS	ND	NS	NS	NS	ND	ND	ND	4.6	0.41 J	ND	ND	NS	NS	NS					
Xylenes (total)	ug/L	9/14/04	ND	ND	NA	NA	ND	0.56 J	NA	NS	NS	0.66 J	0.82 J	ND	NS	ND	0.56 J	0.65 J	ND	0.56 J	ND	0.84 J	NA	5	
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	3.2	NS	NS	NS	NS		
Acetone	ug/L	9/14/04	ND	ND	NA	NA	ND	ND	NA	NS	NS	2.2 J	ND	0.86 J	NS	ND	ND	ND	ND	ND	ND	NA	50		
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	6.1	1.1	18	2	2.5	2.9	32	NS	NS	NS		NS	
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	49	13	NS	NS	NS	NS			
		10/8/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	5.7	ND	ND	ND	NS	NS	NS	NS			
		1/27/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.5	2.6	1.3	3.9	2.2	ND	1.2	NS	NS	NS	NS			
		4/8/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	2.7	3	2.1	4.5	NS	NS	NS		NS	
		7/14-16/10	2.7 J	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	62	ND	4.2 J	4.0 J	2.3 J	ND	1.8 J	ND		1.9 J	
		10/21/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	2.0 J	NS	NS	NS	NS			
		1/31/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.7 J	1.9 J	1.5 J	2.1 J	2.5 J	10	10	1.8 J	NS	NS	NS		NS	
		4/26/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.5 JB	ND	ND	ND	3.1 J	3.7 J	ND	6.2 JB	NS	NS	NS		NS	
		8/1-2/2011	2.4 J	ND	ND	2.2 J	ND	1.8 J	13	1.8 J	ND	2.1 J	1.5 J	1.3 J	2.3 J	2.4 J	ND	7.1 J	2.3 J	1.6 J	1.2 J	ND		ND	
8/22/12	NS	NS	NS	NS	NS	21	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS				
1,1-Dichloroethane	ug/L	2/4/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	27	NA	NA	4	NA	NA	NA	NA	5	
		1/20/00	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	140	NA	10	NA	NA	1	NA	NA	NA	NA		
		9/14/04	ND	ND	NA	NA	ND	ND	NA	NS	NS	NS	ND	ND	0.51 J	NS	ND	ND	ND	ND	ND	ND	NA		
		9/6/05	ND	ND	NA	NA	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	0.53 J	ND	ND	NS	NS	NS	NA		
		9/7/05	NS	NS	NA	NA	ND	ND	NA	NS	NS	ND	ND	ND	NS	ND	NS	NS	ND	1.4	ND	NA	NA		
		1/25/08	ND	ND	NA	ND	ND	ND	NM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
		4/29/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	2.7	ND	ND	NS	NS	NS	NS		
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	1.7	ND	ND	NS	NS	NS	NS		
		11/8/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.22 J	ND	ND	ND										

TABLE 1 (CONTINUED)
GROUNDWATER ANALYTICAL RESULTS
AMERICAN DRIVE-IN CLEANERS
3801 HEMPSTEAD TURNPIKE, LEVITTOWN, NEW YORK

Analysis Parameter	Units	Date Sampled	MW-1	MW-1S	MW-2S	MW-3S	MW-4S	MW-4S	MW-4S	MW-5S	MW-6S	MW-6S	MW-7C	MW-7C	MW-7S	MW-8S	MW-8S	MW-9C	MW-9C	MW-9S	MW-10S	MW-10S	MW-11S	MW-12S	HYDROCARBON Ambient Water Quality Standard
Chloroform	ug/L	9/14/04	ND	ND	NA	NA	ND	ND	NA	NS	NS	NS	ND	ND	0.84 J	NS	ND	ND	0.57 J	ND	ND	0.79 J	ND	NA	
		9/8/05	ND	0.62 J	NA	NA	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	ND	1.3	ND	NS	NS	NS	NA	
		9/7/05	NS	NS	NA	NA	ND	ND	NA	NS	NS	NS	ND	ND	0.61 J	NS	ND	NS	NS	NS	ND	3.3	ND	NA	
		4/29/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	1.1	NS	ND	ND	ND	ND	NS	NS	NS	NS	
		7/27/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	0.78	ND	ND	ND	ND	ND	ND	NS	NS	NS	
		11/8/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.32 J	ND	ND	ND	ND	0.67 J	ND	0.72 J	NS	NS	NS	NS	
		2/15/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.31 J	ND	0.17 J	0.607 J	ND	0.24 J	ND	ND	NS	NS	NS	NS	
		5/22/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.18 J	ND	0.38 J	ND	ND	ND	ND	0.45 J	NS	NS	NS	NS	
		5/22/12	NS	NS	NS	NS	NS	0.45 J	NS	NS	NS	ND	0.13 J	ND	0.11 J	ND	0.13 J	0.27 J	ND	1.1	ND	NS	NS	NS	
		12/4/12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.11 J	ND	0.22 J	ND	0.43 J	ND	ND	ND	NS	NS	NS	NS	
		2/20/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.36 J	ND	ND	ND	ND	ND	ND	0.18 J	NS	NS	NS	NS	
		9/16/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	0.26 J	ND	ND	0.23 J	ND	0.29 J	NS	NS	NS	NS	
		9/4/13	NS	NS	NS	NS	NS	0.41 J	NS	NS	ND	0.30 J	0.13 J	ND	0.23 J	ND	ND	0.12 J	ND	0.18 J	ND	NS	NS	NS	
		11/25/13	NS	NS	NS	NS	NS	ND	NS	NS	NS	ND	0.40 J	ND	0.28 J	ND	ND	0.30 J	ND	0.33 J	NS	NS	NS	NS	
		3/5/14	NS	NS	NS	NS	NS	ND	NS	NS	NS	ND	0.36 J	ND	0.12 J	ND	0.10 J	0.24 J	0.16 J	0.26 J	NS	NS	NS	NS	
1,1,1-Trichloroethane	ug/L	3/15/08	ND	4	ND	ND	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		4/22/09	ND	5	ND	ND	NA	NA	NA	1	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		2/3/09	ND	5	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	4	NA	NA	NA	NA	
		7/30/09	NA	NA	NA	NA	NA	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		1/20/10	NA	NA	NA	NA	NA	1	NA	NA	NA	NA	ND	230	NA	14	NA	NA	3	NA	NA	NA	NA	NA	
		8/14/04	ND	ND	NA	NA	ND	ND	NA	NS	NS	ND	ND	0.87 J	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA

Notes:
 ND = Not Detected above the method detection limit of the laboratory
 Bold and shaded values indicate concentrations in excess of Class GA Ambient Water Quality Standards
 NS = Not sampled
 NA = Not available
 J = Laboratory Estimate
 B= analyte was found in an associated laboratory blank