Quality Environmental Solutions, Inc.

40 Hudson Street, Suite 107
Annapolis, Maryland 21401

September 22, 2014

Mr. James Richmond
Remediation Division
Maryland Department of the Environment
Oil Control Program
1800 Washington Boulevard, Suite 620
Baltimore, MD 21230

RE: Semi-Annual Report - Second Half of 2014
Former Crown Location MD-142
201 Hanover Pike
Hampstead, Maryland
MDE Case# 2003-0376 CL

Dear Mr. Richmond:

Quality Environmental Solutions, Inc. (QES), on behalf of Crown Central (Crown) is pleased to present this Semi-Annual Sampling Report for the above-listed facility. This report covers the second half of 2014. On January 15, 2013 the Maryland Department of the Environment (MDE) issued a letter allowing the location to be switched to semi-annual sampling of both the potable supply well and the monitoring wells.

The former Crown station water supply well was sampled for full-suite volatile organic compounds (VOCs), including fuel oxygenates, by EPA Method 524.2 on August 21, 2014. The only component detected during the sampling event was methyl tert-butyl ether (MTBE) at 0.98 µg/L in the pre-treatment sample. The laboratory analytical report is attached with the results summarized in Table I.

The five overburden ground-water monitoring wells and three bedrock wells (MW-3D, MW-5D and MW-145) were gauged and sampled on August 21, 2014 with analysis of full-suite VOCs, including fuel oxygenates, by EPA Method 8260. Figure 1 depicts the potentiometric surface in the overburden wells based on the August 2014 gauging data. Ground-water flow is to the southeast, which is consistent with historical data.

The total benzene, toluene, ethyl benzene and total xylenes (BTEX) concentrations were below the quantitation limit (BQL) in all wells. The MTBE concentrations in the overburden wells ranged from BQL in MW-1, MW-3, MW-5 and MW-6 to 7.5 µg/L in MW-4; the MTBE concentrations in the three bedrock wells were all BQL. The analytical data are shown in Figure 1 and the gauging and sampling data are listed in Table II. Hydrographs are also attached showing benzene, BTEX and MTBE concentrations and the potentiometric surface elevation for the overburden wells. The complete analytical report is also attached.

The next scheduled sampling event will occur in February 2015. Please contact the undersigned at 410-841-5552 if you have any questions concerning this site.

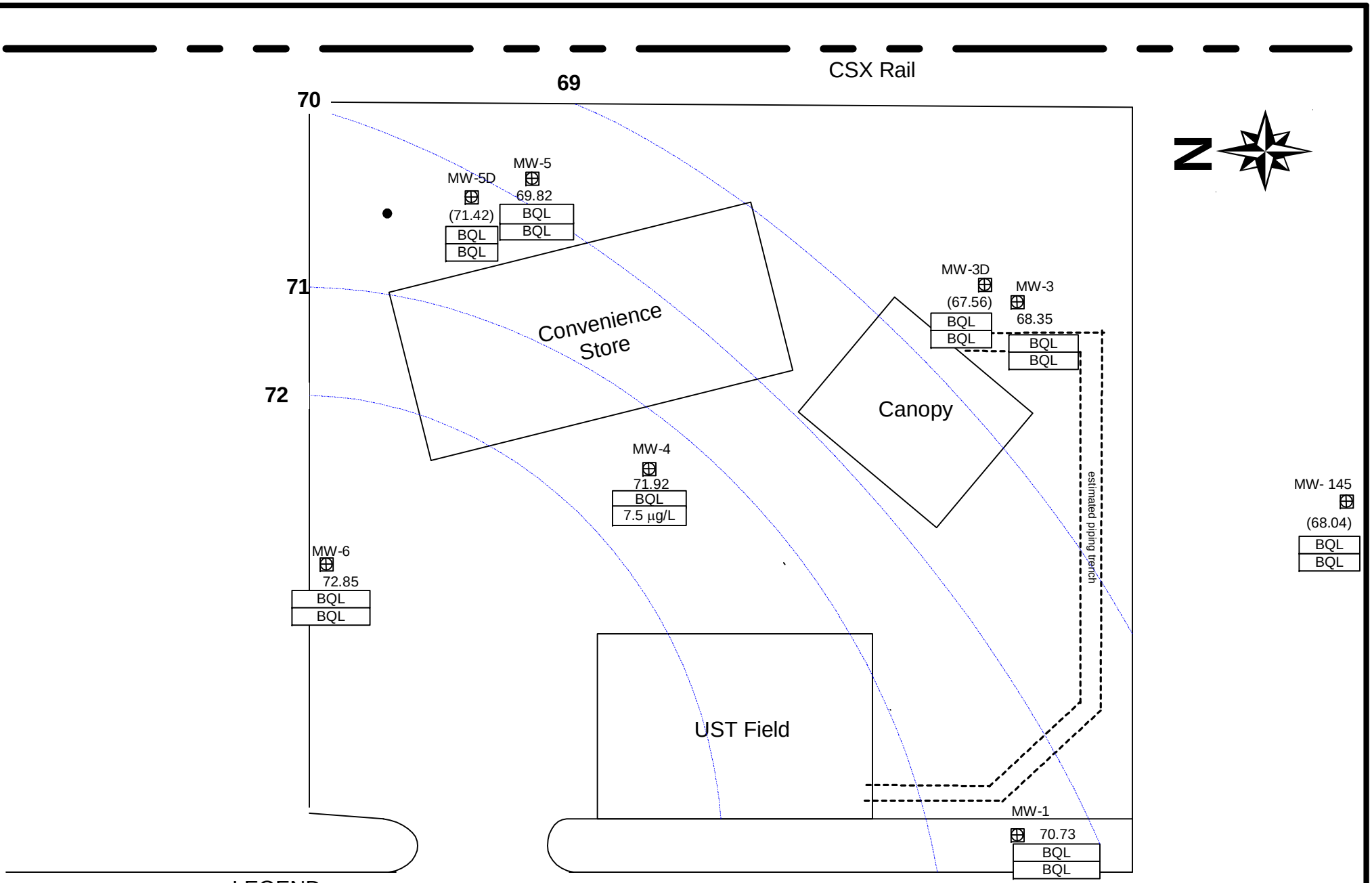
Sincerely,

EM Wyman

Erin M. Wyman
Senior Project Manager

Attachments: Figure 1: Potentiometric Surface and Dissolved Hydrocarbons Map
Table I: Summary of Station Supply Well Sampling Results
Table II: Summary of Ground-Water Quality and Monitoring Data
Monitoring Well Hydrographs
Analytical Results

cc: Mr. Donald Fisher – PMIG (email)
QES File 201-162
Crown File



LEGEND

Scale (feet)
0 15 30

- ● Potable Well
- ⊕ Monitoring Well Location
- (68.04) Potentiometric Surface excluded from countouring (bedrock well)
- 67.67 Potentiometric Surface Elevation
- Potentiometric Surface
- 68 Potentiometric Surface Contour
- BQL / 7.5 µg/L — BTEX Concentration / MTBE Concentration
- BQL — Below the Quantitation Limit

Quality Environmental Solutions, Inc	
August 21, 2014	201-162
MD-142	Figure 1: Potentiometric Surface and Dissolved Hydrocarbon Map
201 Hanover Pike Hampstead, MD	QES

Table I: Summary of Station Supply Well Sampling Results
Former Crown MD-142 Water Supply Well
201 Hanover Pike, Hampstead, Maryland

Date Collected	Sample Name	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)	TBA (ug/L)	TAME (ug/L)	DIPE (ug/L)
09/18/02	DW-1	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (0.5)		652	BQL (25)		
09/24/02	DW-2	BQL (13)	BQL (13)	BQL (13)	BQL (13)		610	BQL (625)		
09/24/02	Pre-Carbon	BQL (13)	BQL (13)	BQL (13)	BQL (13)		723	BQL (625)		
09/27/02	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		1.6	BQL (25)		
10/30/02	Pre-Carbon	BQL (13)	BQL (13)	BQL (13)	BQL (13)		685	BQL (625)		
10/30/02	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		3.3	BQL (25)		
11/27/02	Pre-Carbon	BQL (13)	BQL (13)	BQL (13)	BQL (13)		725	BQL (750)		
11/27/02	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (25)		
12/27/02	Pre-Carbon	BQL (13)	BQL (13)	BQL (13)	BQL (13)		1,030	BQL (625)		
12/27/02	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (25)		
01/27/03	Pre-Carbon	BQL (13)	BQL (13)	BQL (13)	BQL (13)		760	BQL (250)		
01/27/03	Post-Carbon	BQL (4)	BQL (4)	BQL (4)	BQL (4)		202	BQL (80)		
02/27/03	Pre-Carbon	BQL (13)	BQL (13)	BQL (13)	BQL (13)		705	BQL (625)		
02/27/03	Post-Carbon	BQL (10)	BQL (10)	BQL (10)	BQL (10)		414	BQL (500)		
03/11/03	Pre-Carbon	BQL (13)	BQL (13)	BQL (13)	BQL (13)		763	BQL (625)		
03/11/03	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (25)		
4/23/2003	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		680	BQL (50)		
4/23/2003	Between Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (50)		
4/23/2003	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (25)		
5/30/2003	Pre-Carbon	BQL (13)	BQL (13)	BQL (13)	BQL (13)		770	BQL (250)		
5/30/2003	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
6/25/03*	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)	*	BQL (5.0)	BQL (50)		
6/25/2003	Between Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		620	58		
6/25/03*	Post-Carbon	BQL (13)	BQL (13)	BQL (13)	BQL (13)	*	641	BQL (625)		
7/2/2003	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		730	59		
7/2/2003	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		800	50		
7/2/2003	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		480	52		
7/2/2003	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		8.3	BQL (10)		
7/14/2003	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		580	7.6		
7/14/2003	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		630	33		
7/14/2003	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		650	21		
7/14/2003	Post-Carbon	BQL (4.0)	BQL (4.0)	BQL (4.0)	BQL (4.0)		166.0	BQL (80)		
7/21/2003	Carbon Change Out (last unit)									
7/28/2003	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		1,100	16		
7/28/2003	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		590	8.8		
7/28/2003	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		450	8.0		
7/28/2003	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
8/12/2003	Carbon Change Out (1st & 2nd units)									
8/18/2003	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		870	12		
8/18/2003	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
8/18/2003	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
8/18/2003	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
9/4/2003	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		750	16		
9/4/2003	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		22	BQL (5.0)		
9/4/2003	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
9/4/2003	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
10/13/2003	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		2,400	35		
10/13/2003	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		1,200	5.9		
10/13/2003	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
10/13/2003	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		0.6	BQL (10)		
11/4/2003	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		1,600	19		
11/4/2003	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		1,900	10.0		
11/4/2003	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		23	BQL (5.0)		
11/4/2003	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		7.0	BQL (10)		

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Former Crown MD-142 Water Supply Well
201 Hanover Pike, Hampstead, Maryland

Date Collected	Sample Name	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)	TBA (ug/L)	TAME (ug/L)	DIPE (ug/L)
12/15/2003	Pre-Carbon	BQL (15)	BQL (15)	BQL (15)	BQL (15)		180	50		
12/15/2003	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		4.7	19		
12/15/2003	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		41	BQL (5.0)		
12/15/2003	Post-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		38	BQL (5.0)		
1/8/2004	Carbon Change Out									
1/9/2004	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		95	BQL (5.0)		
1/9/2004	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		10	BQL (5.0)		
1/9/2004	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		42	BQL (5.0)		
1/9/2004	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
2/6/2004	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		6.9	BQL (5.0)		
2/6/2004	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		13	BQL (5.0)		
2/6/2004	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		22	BQL (5.0)		
2/6/2004	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
3/3/2004	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		9.9	BQL (5.0)		
3/3/2004	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		42	BQL (5.0)		
3/3/2004	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		8.7	BQL (5.0)		
3/3/2004	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
4/14/2004	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		51	BQL (5.0)		
4/14/2004	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		290	BQL (5.0)		
4/14/2004	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		20	BQL (5.0)		
4/14/2004	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		1.3	BQL (10)		
5/11/2004	Carbon Change Out									
5/26/2004	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		130	BQL (5.0)		
5/26/2004	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		10	BQL (5.0)		
5/26/2004	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
5/26/2004	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
6/23/2004	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		37	BQL (5.0)		
6/23/2004	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
6/23/2004	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
6/23/2004	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
7/21/2004	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		35	BQL (5.0)		
7/21/2004	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		12	BQL (5.0)		
7/21/2004	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
7/21/2004	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
8/12/2004	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		6.5	BQL (5.0)		
8/12/2004	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		12	BQL (5.0)		
8/12/2004	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
8/12/2004	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
9/30/2004	Pre-Carbon	320	310	170	140	940	53	5.8		
9/30/2004	Between Carbon A	6.0	BQL (5.0)	BQL (5.0)	BQL (5.0)		38	BQL (5.0)		
9/30/2004	Between Carbon B	12	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
9/30/2004	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
10/7/2004	Carbon Change Out									
10/8/2004	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		54	BQL (5.0)		
10/8/2004	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		14	BQL (5.0)		
10/8/2004	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		8.3	BQL (5.0)		
10/8/2004	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
11/12/2004	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		260	BQL (5.0)		
11/12/2004	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		16	BQL (5.0)		
11/12/2004	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
11/12/2004	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
12/29/2004	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		19	BQL (5.0)		
12/29/2004	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		47	BQL (5.0)		
12/29/2004	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
12/29/2004	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		

Table I: Summary of Station Supply Well Sampling Results
Former Crown MD-142 Water Supply Well
201 Hanover Pike, Hampstead, Maryland

Date Collected	Sample Name	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)	TBA (ug/L)	TAME (ug/L)	DIPE (ug/L)
1/27/2005	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		7.0	BQL (5.0)		
1/27/2005	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		12	BQL (5.0)		
1/27/2005	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
1/27/2005	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
2/23/2005	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
2/23/2005	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
2/23/2005	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
2/23/2005	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
3/28/2005	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		22	BQL (5.0)		
3/28/2005	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		7.7	BQL (5.0)		
3/28/2005	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
3/28/2005	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
4/13/2005	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		17	BQL (5.0)		
4/13/2005	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		15	BQL (5.0)		
4/13/2005	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
4/13/2005	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
5/19/2005	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		44	BQL (5.0)		
5/19/2005	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		21	BQL (5.0)		
5/19/2005	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		9.0	BQL (5.0)		
5/19/2005	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
6/28/2005	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		11	BQL (5.0)		
6/28/2005	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		22	BQL (5.0)		
6/28/2005	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		16	BQL (5.0)		
6/28/2005	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		3.3	BQL (10)		
7/14/2005	Carbon Change Out (last unit)									
7/21/2005	Carbon Change Out (1st & 2nd units)									
7/27/2005	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		9.3	BQL (5.0)		
7/27/2005	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		9.4	BQL (5.0)		
7/27/2005	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
7/27/2005	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		1.3	BQL (10)		
8/15/2005	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		14	BQL (5.0)		
8/15/2005	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		13	BQL (5.0)		
8/15/2005	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
8/15/2005	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
9/13/2005	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		25	BQL (5.0)		
9/13/2005	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		11	BQL (5.0)		
9/13/2005	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
9/13/2005	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		0.6	BQL (10)		
10/21/2005	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
10/21/2005	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
10/21/2005	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
10/21/2005	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		1.5	BQL (10)		
11/17/2005	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		17	BQL (5.0)		
11/17/2005	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		9.6	BQL (5.0)		
11/17/2005	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
11/17/2005	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		3.2	BQL (10)		
12/12/2005	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		13	BQL (5.0)		
12/12/2005	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		19	BQL (5.0)		
12/12/2005	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		8.6	BQL (5.0)		
12/12/2005	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		5.8	BQL (10)		
1/5/2006	Carbon Change Out									
1/24/2006	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		13	BQL (5.0)		
1/24/2006	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
1/24/2006	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
1/24/2006	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		

Table I: Summary of Station Supply Well Sampling Results
Former Crown MD-142 Water Supply Well
201 Hanover Pike, Hampstead, Maryland

Date Collected	Sample Name	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)	TBA (ug/L)	TAME (ug/L)	DIPE (ug/L)
2/27/2006	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		20	BQL (5.0)		
2/27/2006	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
2/27/2006	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
2/27/2006	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
3/28/2006	Pre-Carbon	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		20	BQL (5.0)		
3/28/2006	Between Carbon A	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		8.3	BQL (5.0)		
3/28/2006	Between Carbon B	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)	BQL (5.0)		
3/28/2006	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)		
4/27/2006	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		40	BQL (10)	1.1	0.5
4/27/2006	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		23	BQL (10)	BQL (0.5)	BQL (0.5)
4/27/2006	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		9.5	BQL (10)	BQL (0.5)	BQL (0.5)
4/27/2006	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)	BQL (0.5)	BQL (0.5)
5/22/2006	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		50	BQL (10)	BQL (0.5)	1.3
5/22/2006	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		3.3	BQL (10)	BQL (0.5)	BQL (0.5)
5/22/2006	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)	BQL (0.5)	BQL (0.5)
5/22/2006	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)	BQL (0.5)	BQL (0.5)
6/23/2006	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		94	BQL (10)	2.6	1.4
6/23/2006	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		1.9	BQL (10)	BQL (0.5)	BQL (0.5)
6/23/2006	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)	BQL (0.5)	BQL (0.5)
6/23/2006	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (10)	BQL (0.5)	BQL (0.5)
7/26/2006	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		64	BQL (2.0)	1.8	1.5
7/26/2006	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		61	BQL (2.0)	BQL (0.5)	BQL (0.5)
7/26/2006	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		0.6	BQL (2.0)	BQL (0.5)	BQL (0.5)
7/26/2006	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
9/5/2006	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		58	BQL (2.0)	1.7	0.9
9/5/2006	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		41	BQL (2.0)	BQL (0.5)	BQL (0.5)
9/5/2006	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		17	BQL (2.0)	BQL (0.5)	BQL (0.5)
9/5/2006	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		1.1	BQL (2.0)	BQL (0.5)	BQL (0.5)
9/26/2006	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		76	BQL (2.0)	2.0	0.8
9/26/2006	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
9/26/2006	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
9/26/2006	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
9/28/2006	Carbon Change Out									
10/30/2006	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		60	BQL (2.0)	1.1	1.2
10/30/2006	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/30/2006	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/30/2006	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/29/2006	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		8.8	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/29/2006	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/29/2006	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/29/2006	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
12/20/2006	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		18	BQL (2.0)	0.8	BQL (0.5)
12/20/2006	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		3.7	BQL (2.0)	BQL (0.5)	BQL (0.5)
12/20/2006	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
12/20/2006	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
1/22/2007	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		16	BQL (2.0)	0.82	BQL (0.5)
1/22/2007	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		11	BQL (2.0)	BQL (0.5)	BQL (0.5)
1/22/2007	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
1/22/2007	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
2/16/2007	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		70	BQL (2.0)	2.5	BQL (0.5)
2/16/2007	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		43	BQL (2.0)	1.8	BQL (0.5)
2/16/2007	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		17	BQL (2.0)	BQL (0.5)	BQL (0.5)
2/16/2007	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		5.0	BQL (2.0)	BQL (0.5)	BQL (0.5)
2/16/2007	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)

Table I: Summary of Station Supply Well Sampling Results
Former Crown MD-142 Water Supply Well
201 Hanover Pike, Hampstead, Maryland

Date Collected	Sample Name	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)	TBA (ug/L)	TAME (ug/L)	DIPE (ug/L)
3/19/2007	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		110	BQL (2.0)	3.6	BQL (0.5)
3/19/2007	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
3/19/2007	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		6.2	BQL (2.0)	BQL (0.5)	BQL (0.5)
3/19/2007	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		3.8	BQL (2.0)	BQL (0.5)	BQL (0.5)
3/19/2007	Tap	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		3.5	BQL (2.0)	BQL (0.5)	BQL (0.5)
3/27/2007	Carbon System Replacement									
4/3/2007	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		130	BQL (2.0)	4.0	BQL (0.5)
4/3/2007	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		120	BQL (2.0)	3.0	BQL (0.5)
4/3/2007	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
4/3/2007	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
4/3/2007	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
4/3/2007	Tap	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
5/23/2007	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		210	BQL (2.0)	5.9	0.5
5/23/2007	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		110	BQL (2.0)	3.4	0.5
5/23/2007	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		42	BQL (2.0)	BQL (0.5)	BQL (0.5)
5/23/2007	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		2.1	BQL (2.0)	BQL (0.5)	BQL (0.5)
5/23/2007	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
6/15/2007	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		170	BQL (2.0)	4.7	0.5
6/15/2007	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		38	BQL (2.0)	1.3	BQL (0.5)
6/15/2007	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		54	BQL (2.0)	BQL (0.5)	BQL (0.5)
6/15/2007	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		21	BQL (2.0)	BQL (0.5)	BQL (0.5)
6/15/2007	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
7/25/2007	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		180	BQL (2.0)	5.2	0.54
7/25/2007	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		90	BQL (2.0)	2.8	BQL (0.5)
7/25/2007	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		59	BQL (2.0)	BQL (0.5)	BQL (0.5)
7/25/2007	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		42	BQL (2.0)	BQL (0.5)	BQL (0.5)
7/25/2007	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		7	BQL (2.0)	BQL (0.5)	BQL (0.5)
8/9/2007	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		140	BQL (2.0)	4.7	0.53
8/9/2007	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		66	BQL (2.0)	2.1	0.52
8/9/2007	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		54	BQL (2.0)	BQL (0.5)	BQL (0.5)
8/9/2007	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		51	BQL (2.0)	BQL (0.5)	BQL (0.5)
8/9/2007	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		34	BQL (2.0)	BQL (0.5)	BQL (0.5)
8/15/2007	Carbon Change Out									
9/13/2007	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		160	BQL (2.0)	3.8	BQL (0.5)
9/13/2007	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		79	BQL (2.0)	2.6	0.50
9/13/2007	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		11	BQL (2.0)	BQL (0.5)	BQL (0.5)
9/13/2007	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
9/13/2007	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/24/2007	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		120	BQL (2.0)	3.9	BQL (0.5)
10/24/2007	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		38	BQL (2.0)	1.5	0.50
10/24/2007	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		41	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/24/2007	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		17	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/24/2007	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		0.85	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/7/2007	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		160	BQL (2.0)	4.5	0.53
11/7/2007	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		49	BQL (2.0)	1.7	0.54
11/7/2007	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		42	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/7/2007	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		32	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/7/2007	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		4.70	BQL (2.0)	BQL (0.5)	BQL (0.5)
12/10/2007	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		139	BQL (10.0)	2.7	BQL (0.5)
12/10/2007	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		47	BQL (10.0)	1.2	BQL (0.5)
12/10/2007	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		45	BQL (10.0)	BQL (0.5)	BQL (0.5)
12/10/2007	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		38	BQL (10.0)	BQL (0.5)	BQL (0.5)
12/10/2007	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		28	BQL (10.0)	BQL (0.5)	BQL (0.5)
12/26/2007	Carbon Change Out									

Table I: Summary of Station Supply Well Sampling Results
Former Crown MD-142 Water Supply Well
201 Hanover Pike, Hampstead, Maryland

Date Collected	Sample Name	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)	TBA (ug/L)	TAME (ug/L)	DIPE (ug/L)
1/29/2008	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		120	BQL (2.0)	3.0	BQL (0.5)
1/29/2008	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		22	BQL (2.0)	0.77	BQL (0.5)
1/29/2008	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		30	BQL (2.0)	BQL (0.5)	BQL (0.5)
1/29/2008	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		2.9	BQL (2.0)	BQL (0.5)	BQL (0.5)
1/29/2008	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
2/12/2008	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		73	BQL (2.0)	2.1	BQL (0.5)
2/12/2008	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		18	BQL (2.0)	0.68	BQL (0.5)
2/12/2008	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		21	BQL (2.0)	BQL (0.5)	BQL (0.5)
2/12/2008	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		16	BQL (2.0)	BQL (0.5)	BQL (0.5)
2/12/2008	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
3/4/2008	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		90	BQL (2.0)	2.4	BQL (0.5)
3/4/2008	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		19	BQL (2.0)	0.74	BQL (0.5)
3/4/2008	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		24	BQL (2.0)	BQL (0.5)	BQL (0.5)
3/4/2008	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		24	BQL (2.0)	BQL (0.5)	BQL (0.5)
3/4/2008	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		16	BQL (2.0)	BQL (0.5)	BQL (0.5)
3/17/2008	Carbon Change Out									
4/16/2008	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		69	BQL (2.0)	1.8	BQL (0.5)
4/16/2008	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		19	BQL (2.0)	0.62	BQL (0.5)
4/16/2008	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		7.3	BQL (2.0)	BQL (0.5)	BQL (0.5)
4/16/2008	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
4/16/2008	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
5/20/2008	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		100	BQL (2.0)	2.6	BQL (0.5)
5/20/2008	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		55	BQL (2.0)	1.5	BQL (0.5)
5/20/2008	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		33	BQL (2.0)	BQL (0.5)	BQL (0.5)
5/20/2008	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		28	BQL (2.0)	BQL (0.5)	BQL (0.5)
5/20/2008	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		8.5	BQL (2.0)	BQL (0.5)	BQL (0.5)
6/10/2008	Carbon Change Out									
6/11/2008	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		66	BQL (2.0)	1.6	BQL (0.5)
6/11/2008	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		17	BQL (2.0)	0.56	BQL (0.5)
6/11/2008	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
6/11/2008	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
6/11/2008	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
7/25/2008	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		63	BQL (2.0)	1.8	BQL (0.5)
7/25/2008	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		14	BQL (2.0)	0.55	BQL (0.5)
7/25/2008	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		5.5	BQL (2.0)	BQL (0.5)	BQL (0.5)
7/25/2008	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
7/25/2008	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
8/20/2008	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		63	BQL (2.0)	1.7	0.5
8/20/2008	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		16	BQL (2.0)	0.58	BQL (0.5)
8/20/2008	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		17	BQL (2.0)	BQL (0.5)	BQL (0.5)
8/20/2008	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
8/20/2008	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
9/29/2008	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		58	BQL (2.0)	1.6	BQL (0.5)
9/29/2008	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		35	BQL (2.0)	1.2	0.51
9/29/2008	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		25	BQL (2.0)	BQL (0.5)	BQL (0.5)
9/29/2008	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		9.1	BQL (2.0)	BQL (0.5)	BQL (0.5)
9/29/2008	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/20/08	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		59	BQL (2.0)	1.6	BQL (0.5)
10/20/08	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		15	BQL (2.0)	0.53	BQL (0.5)
10/20/08	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		18	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/20/08	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		11	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/20/08	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		0.53	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/24/08	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		65	BQL (2.0)	1.5	BQL (0.5)
11/24/08	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		23	BQL (2.0)	0.73	BQL (0.5)
11/24/08	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/24/08	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/24/08	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)

Table I: Summary of Station Supply Well Sampling Results
Former Crown MD-142 Water Supply Well
201 Hanover Pike, Hampstead, Maryland

Date Collected	Sample Name	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)	TBA (ug/L)	TAME (ug/L)	DIPE (ug/L)
12/18/08	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		45	BQL (2.0)	1.1	BQL (0.5)
12/18/08	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		15	BQL (2.0)	0.51	BQL (0.5)
12/18/08	Between Carbon A	Not sampled								
12/18/08	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
12/18/08	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
01/13/09	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		56	BQL (2.0)	1.1	BQL (0.5)
01/13/09	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		19	BQL (2.0)	0.50	BQL (0.5)
01/13/09	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		11	BQL (2.0)	BQL (0.5)	BQL (0.5)
01/13/09	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
01/13/09	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/20/09	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		69	BQL (2.0)	1.5	BQL (0.5)
02/20/09	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		31	BQL (2.0)	0.80	BQL (0.5)
02/20/09	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		22	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/20/09	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		5.6	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/20/09	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
3/3/2009	Carbon Change Out									
03/11/09	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		65	BQL (2.0)	1.6	BQL (0.5)
03/11/09	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		25	BQL (2.0)	0.83	0.50
03/11/09	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
03/11/09	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
03/11/09	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
04/14/09	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		19	BQL (2.0)	0.57	BQL (0.5)
04/14/09	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		7.6	BQL (2.0)	BQL (0.5)	BQL (0.5)
04/14/09	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
04/14/09	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
05/07/09	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		52	BQL (2.0)	1.4	0.5
05/07/09	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		33	BQL (2.0)	0.92	BQL (0.5)
05/07/09	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		36	BQL (2.0)	BQL (0.5)	BQL (0.5)
05/07/09	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		14	BQL (2.0)	BQL (0.5)	BQL (0.5)
05/07/09	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		0.76	BQL (2.0)	BQL (0.5)	BQL (0.5)
6/8/2009	Carbon Change Out									
06/22/09	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		48	BQL (2.0)	1.1	0.56
06/22/09	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		25	BQL (2.0)	0.53	0.73
06/22/09	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
06/22/09	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
06/22/09	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/16/09	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		48	BQL (2.0)	0.72	0.63
07/16/09	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		28	BQL (2.0)	0.53	0.73
07/16/09	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		2.7	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/16/09	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/16/09	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
08/29/09	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		34	BQL (2.0)	BQL (0.5)	BQL (0.5)
08/29/09	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		22	BQL (2.0)	BQL (0.5)	0.52
08/29/09	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		5.2	BQL (2.0)	BQL (0.5)	BQL (0.5)
08/29/09	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		1.7	BQL (2.0)	BQL (0.5)	BQL (0.5)
08/29/09	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/30/09	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		34	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/30/09	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		24	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/30/09	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		11	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/30/09	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/30/09	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/19/09	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		31	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/19/09	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		22	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/19/09	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		11	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/19/09	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		1.3	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/19/09	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)

Table I: Summary of Station Supply Well Sampling Results
Former Crown MD-142 Water Supply Well
201 Hanover Pike, Hampstead, Maryland

Date Collected	Sample Name	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)	TBA (ug/L)	TAME (ug/L)	DIPE (ug/L)
11/16/09	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		48	BQL (2.0)	0.74	0.62
11/16/09	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		30	BQL (2.0)	BQL (0.5)	0.56
11/16/09	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		18	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/16/09	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		5.0	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/16/09	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
12/07/09	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		51	BQL (2.0)	BQL (0.5)	0.64
12/07/09	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		38	BQL (2.0)	0.62	0.58
12/07/09	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
12/07/09	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
12/07/09	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		4.0	BQL (2.0)	BQL (0.5)	BQL (0.5)
01/11/10	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		39	BQL (2.0)	BQL (0.5)	0.56
01/11/10	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		33	BQL (2.0)	BQL (0.5)	0.51
01/11/10	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		14	BQL (2.0)	BQL (0.5)	BQL (0.5)
01/11/10	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
01/11/10	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/08/10	Pressure Tank	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		43	BQL (2.0)	0.53	0.58
02/08/10	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		35	BQL (2.0)	BQL (0.5)	0.57
02/08/10	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		18	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/08/10	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		2.7	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/08/10	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
03/01/10	Carbon Change Out									
03/11/10	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		24	BQL (2.0)	BQL (0.5)	BQL (0.5)
03/11/10	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
03/11/10	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
03/11/10	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
04/08/10	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		8.3	BQL (2.0)	BQL (0.5)	0.56
04/08/10	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
04/08/10	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
04/08/10	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
05/13/10	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		15	BQL (2.0)	0.53	0.58
05/13/10	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
05/13/10	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
05/13/10	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
06/17/10	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		7.6	BQL (2.0)	BQL (0.5)	BQL (0.5)
06/17/10	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
06/17/10	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
06/17/10	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/28/10	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		6.3	BQL (2.0)	BQL (0.5)	0.56
07/28/10	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/28/10	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/28/10	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
08/25/10	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		16	BQL (2.0)	BQL (0.5)	0.57
08/25/10	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
08/25/10	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
08/25/10	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/23/10	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		7.8	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/23/10	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/23/10	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/23/10	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/26/10	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		11	BQL (2.0)	BQL (0.5)	0.56
10/26/10	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		1.3	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/26/10	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/26/10	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/23/10	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		5.8	BQL (2.0)	BQL (0.5)	0.57
11/23/10	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		1.9	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/23/10	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/23/10	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)

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Former Crown MD-142 Water Supply Well
201 Hanover Pike, Hampstead, Maryland

Date Collected	Sample Name	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)	TBA (ug/L)	TAME (ug/L)	DIPE (ug/L)
12/28/10	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		9.9	BQL (2.0)	BQL (0.5)	BQL (0.5)
12/28/10	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		3.5	BQL (2.0)	BQL (0.5)	BQL (0.5)
12/28/10	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
12/28/10	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
01/24/11	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		8.6	BQL (2.0)	BQL (0.5)	BQL (0.5)
01/24/11	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		3.9	BQL (2.0)	BQL (0.5)	BQL (0.5)
01/24/11	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		3.5	BQL (2.0)	BQL (0.5)	BQL (0.5)
01/24/11	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/18/11	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		4.9	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/18/11	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		4.3	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/18/11	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/18/11	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
03/04/11	Carbon Change Out									
03/18/11	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		2.1	BQL (2.0)	BQL (0.5)	BQL (0.5)
03/18/11	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
03/18/11	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
03/18/11	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
04/28/11	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		1.5	BQL (2.0)	BQL (0.5)	BQL (0.5)
04/28/11	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
04/28/11	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
04/28/11	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
05/19/11	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
05/19/11	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
05/19/11	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
05/19/11	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		3.4	BQL (2.0)	BQL (0.5)	BQL (0.5)
06/13/11	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
06/13/11	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
06/13/11	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
06/13/11	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/06/11	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		9.5	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/06/11	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/06/11	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/06/11	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
08/11/11	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		20	BQL (2.0)	BQL (0.5)	BQL (0.5)
08/11/11	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
08/11/11	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
08/11/11	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/27/11	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		4.2	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/27/11	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/27/11	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/27/11	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/26/11	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		2.5	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/26/11	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/26/11	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
10/26/11	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/16/11	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		0.76	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/16/11	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/16/11	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/16/11	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
12/20/11	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		2.2	BQL (2.0)	BQL (0.5)	BQL (0.5)
12/20/11	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
12/20/11	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
12/20/11	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)

Table I: Summary of Station Supply Well Sampling Results
Former Crown MD-142 Water Supply Well
201 Hanover Pike, Hampstead, Maryland

Date Collected	Sample Name	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)	TBA (ug/L)	TAME (ug/L)	DIPE (ug/L)
02/22/12	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		3.2	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/22/12	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/22/12	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/22/12	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
03/26/12	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		2.5	BQL (2.0)	BQL (0.5)	BQL (0.5)
03/26/12	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
03/26/12	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
03/26/12	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
04/30/12	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		2.9	BQL (2.0)	BQL (0.5)	BQL (0.5)
04/30/12	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
04/30/12	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
04/30/12	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
05/16/12	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		1.2	BQL (2.0)	BQL (0.5)	BQL (0.5)
05/16/12	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
05/16/12	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
05/16/12	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
06/04/12	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		3.5	BQL (2.0)	BQL (0.5)	BQL (0.5)
06/04/12	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
06/04/12	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
06/04/12	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/02/12	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		1.2	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/02/12	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/02/12	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/02/12	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/19/12	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		1.7	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/19/12	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/19/12	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
09/19/12	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/29/12	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		3.6	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/29/12	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/29/12	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
11/29/12	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/13/13	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		3.2	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/13/13	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/13/13	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/13/13	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/17/13	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		1.8	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/17/13	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		0.56	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/17/13	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		0.51	BQL (2.0)	BQL (0.5)	BQL (0.5)
07/17/13	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/12/14	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		0.86	BQL (2.0)	BQL (0.5)	BQL (0.5)
02/12/14	Between Carbon A	sampling point removed by property owner								
02/12/14	Between Carbon B	sampling point removed by property owner								
02/12/14	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		0.91	BQL (2.0)	BQL (0.5)	BQL (0.5)
04/15/14	Carbon Change Out									
08/21/14	Pre-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		0.98	BQL (2.0)	BQL (0.5)	BQL (0.5)
08/21/14	Between Carbon A	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
08/21/14	Between Carbon B	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)
08/21/14	Post-Carbon	BQL (0.5)	BQL (0.5)	BQL (0.5)	BQL (1.0)		BQL (0.5)	BQL (2.0)	BQL (0.5)	BQL (0.5)

BTEX = Benzene, Toluene, Eythylbenzene, Total Xylenes
MTBE = Methyl Tert-Butyl Ether
TBA = Tert-Butyl Alcohol
TAME = Tert-Amyl Methyl Ether

ug/L = micrograms per liter
BQL = Below Quantitation Limit (Limit in parentheses)
DIPE = Di-Isopropyl Ether

Table II: Summary of Ground-Water Quality and Monitoring Data
Former Crown MD-142
201 Hanover Pike, Hampstead, Maryland

Sample ID	Date	Depth to LPH (feet)	Depth to Water (feet)	Poten. Surface (feet)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)
MDE Ground-Water Standards					**5.0**	**1,000**	**700**	**10,000**		**20**
MW-1	16-Aug-04	ND	26.39	70.54	**31**	**5.0**	16	30	82	**13,000**
	26-Aug-04	ND	26.64	70.29	**17**	6.5	4.5	27	55	**3,200**
Total Depth	19-May-05	ND	26.23	70.70	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**6,100**
42'	27-Jul-05	ND	26.94	69.99						
	15-Aug-05	ND	27.62	69.31	**13**	3.8	2.8	16	35.6	**3,000**
Screen Interval	13-Sep-05	ND	28.50	68.43						
22' - 42'	21-Oct-05	ND	28.44	68.49						
	17-Nov-05	ND	28.20	68.73						
	12-Dec-05	ND	27.92	69.01	**33**	34	15	58	140	**4,500**
	24-Jan-06	ND	27.00	69.93						
	27-Apr-06	ND	27.05	69.88	**140**	90	31	156	417	**2,200**
	23-Jun-06	ND	28.53	68.40	**220**	83	31	181	515	**1,800**
	26-Sep-06	ND	29.31	67.62	**400**	340	88	450	1,278	**11,000**
	20-Dec-06	ND	30.18	66.75	**140**	11	BQL (5.0)	66	216.7	**6,500**
	8-Mar-07	ND	26.88	70.05	**230**	170	54	300	754	**10,000**
	15-Jun-07	ND	26.67	70.26	**120**	95	44	220	479	**9,700**
	13-Sep-07	ND	30.18	66.75	**150**	24	57	280	511	**9,200**
	10-Dec-07	ND	31.56	65.37	**90**	BQL (5.0)	7	54	151	**5,000**
	3-Mar-08	ND	29.26	67.67	**92**	BQL (5.0)	25	128	245	**5,100**
	11-Jun-08	ND	26.88	70.05	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**530**
	29-Sep-08	ND	29.61	67.32	**29**	BQL (5.0)	BQL (5.0)	38	67	**1,800**
	18-Dec-08	ND	29.15	67.78	**6.3**	BQL (5.0)	BQL (5.0)	8.3	14.6	**660**
	11-Mar-09	ND	28.80	68.13	**13**	BQL (5.0)	BQL (5.0)	21	34	**850**
	23-Jun-09	ND	27.08	69.85	**8.0**	BQL (5.0)	BQL (5.0)	8.0	16	**470**
	30-Sep-09	ND	27.71	69.22	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		**220**
	7-Dec-09	ND	25.88	71.05	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		**180**
	11-Mar-10	ND	24.35	72.58	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		18
	17-Jun-10	ND	26.27	70.66	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		**25**
	23-Sep-10	ND	29.76	67.17	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		14
	28-Dec-10	ND	29.88	67.05	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		15
	24-Mar-11	ND	28.04	68.89	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		9.4
	13-Jun-11	ND	27.30	69.63	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		8.4
	27-Sep-11	ND	27.83	69.10	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	20-Dec-11	ND	29.35	67.58	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	26-Mar-12	ND	27.07	69.86	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	4-Jun-12	ND	26.66	70.27	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	19-Sep-12	ND	28.76	68.17	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	2-Jan-13	ND	27.03	69.90	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	17-Jul-13	ND	26.71	70.22	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	12-Feb-14	ND	26.61	70.32	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	21-Aug-14	ND	26.15	70.78	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)

Table II: Summary of Ground-Water Quality and Monitoring Data
Former Crown MD-142
201 Hanover Pike, Hampstead, Maryland

Sample ID	Date	Depth to LPH (feet)	Depth to Water (feet)	Poten. Surface (feet)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)
MDE Ground-Water Standards					**5.0**	**1,000**	**700**	**10,000**		**20**
MW-3	16-Aug-04	ND	31.89	68.11	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		**110**
	19-May-05	ND	31.57	68.43	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**59**
Total Depth	27-Jul-05	ND	33.38	66.62						
45'	15-Aug-05	ND	32.05	67.95	BQL (1.0)	BQL (1.0)	BQL (1.0)	BQL (1.0)		**45**
	13-Sep-05	ND	33.85	66.15						
Screen Interval	21-Oct-05	ND	33.97	66.03						
25' - 45'	17-Nov-05	ND	33.62	66.38						
	12-Dec-05	ND	33.30	66.70	BQL (1.0)	BQL (1.0)	BQL (1.0)	BQL (1.0)		10
	24-Jan-06	ND	32.49	67.51						
	27-Feb-06	ND	31.80	68.20						
	28-Mar-06	ND	32.14	67.86	BQL (1.0)	BQL (1.0)	BQL (1.0)	BQL (1.0)		8.9
	23-Jun-06	ND	33.90	66.10	BQL (5.0)	6.1	BQL (5.0)	BQL (10)	6.1	**170**
	26-Sep-06	ND	34.80	65.20	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**38**
	20-Dec-06	ND	33.30	66.70	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	8-Mar-07	ND	32.69	67.31	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	15-Jun-07	ND	32.22	67.78	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	13-Sep-07	ND	35.66	64.34	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	10-Dec-07	ND	36.86	63.14	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	3-Mar-08	ND	34.79	65.21	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	11-Jun-08	ND	32.52	67.48	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	29-Sep-08	ND	35.02	64.98	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	18-Dec-08	ND	34.65	65.35	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	11-Mar-09	ND	34.17	65.83	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		7.8
	23-Jun-09	ND	32.65	67.35	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	30-Sep-09	ND	33.20	66.80	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	7-Dec-09	ND	31.61	68.39	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		6.6
	11-Mar-10	ND	30.35	69.65	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		8.0
	17-Jun-10	ND	31.62	68.38	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		10
	23-Sep-10	ND	34.99	65.01	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	28-Dec-10	ND	35.02	64.98	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		7.1
	24-Mar-11	ND	33.45	66.55	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		12
	13-Jun-11	ND	32.33	67.67	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		16
	27-Sep-11	ND	32.94	67.06	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		8.0
	20-Dec-11	ND	31.75	68.25	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	26-Mar-12	ND	32.29	67.71	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		8.7
	4-Jun-12	ND	32.41	67.59	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		8.9
	19-Sep-12	ND	33.82	66.18	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		8.8
	2-Jan-13	ND	32.62	67.38	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		8.6
	17-Jul-13	ND	32.33	67.67	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		5.6
	12-Feb-14	ND	32.22	67.78	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		8.2
	21-Aug-14	ND	31.65	68.35	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)

Table II: Summary of Ground-Water Quality and Monitoring Data
Former Crown MD-142
201 Hanover Pike, Hampstead, Maryland

Sample ID	Date	Depth to LPH (feet)	Depth to Water (feet)	Poten. Surface (feet)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)
MDE Ground-Water Standards					**5.0**	**1,000**	**700**	**10,000**		**20**
MW-4	16-Aug-04	ND	29.39	71.61	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		**9,000**
	26-Aug-04	ND	29.52	71.48	BQL (1.0)	BQL (1.0)	BQL (1.0)	BQL (1.0)		**830**
Total Depth	19-May-05	ND	29.06	71.94	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**2,600**
45'	27-Jul-05	ND	29.87	71.13						
	15-Aug-05	ND	30.50	70.50	BQL (1.0)	BQL (1.0)	BQL (1.0)	BQL (1.0)		**730**
Screen Interval	13-Sep-05	ND	31.34	69.66						
25' - 45'	21-Oct-05	ND	31.42	69.58						
	17-Nov-05	ND	31.21	69.79						
	12-Dec-05	ND	30.87	70.13	BQL (1.0)	BQL (1.0)	BQL (1.0)	BQL (1.0)		**370**
	24-Jan-06	ND	30.05	70.95						
	27-Feb-06	ND	29.35	71.65						
	28-Mar-06	ND	29.65	71.35	BQL (1.0)	BQL (1.0)	BQL (1.0)	BQL (1.0)		**190**
	23-Jun-06	ND	31.44	69.56	**6.1**	BQL (5.0)	BQL (5.0)	BQL (10)	**6.1**	**42**
	26-Sep-06	ND	32.31	68.69	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**100**
	20-Dec-06	ND	31.12	69.88	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**85**
	8-Mar-07	ND	29.76	71.24	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**79**
	15-Jun-07	ND	29.51	71.49	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**86**
	13-Sep-07	ND	33.15	67.85	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**27**
	10-Dec-07	ND	34.60	66.40	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		15
	3-Mar-08	ND	32.54	68.46	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**59**
	11-Jun-08	ND	30.04	70.96	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**120**
	29-Sep-08	ND	32.70	68.30	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**47**
	18-Dec-08	ND	32.41	68.59	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**140**
	11-Mar-09	ND	31.93	69.07	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**66**
	23-Jun-09	ND	30.28	70.72	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**66**
	30-Sep-09	ND	30.92	70.08	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**75**
	7-Dec-09	ND	29.22	71.78	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**230**
	11-Mar-10	ND	27.70	73.30	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**110**
	17-Jun-10	ND	29.20	71.80	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**92**
	23-Sep-10	ND	32.64	68.36	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**55**
	28-Dec-10	ND	33.00	68.00	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**110**
	24-Mar-11	ND	31.28	69.72	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**180**
	13-Jun-11	ND	30.27	70.73	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**93**
	27-Sep-11	ND	30.86	70.14	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**59**
	20-Dec-11	ND	29.35	71.65	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**30**
	26-Mar-12	ND	29.97	71.03	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**41**
	4-Jun-12	ND	29.72	71.28	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**45**
	19-Sep-12	ND	31.63	69.37	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**20**
	2-Jan-13	ND	29.85	71.15	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**23**
	17-Jul-13	ND	29.70	71.30	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		13
	12-Feb-14	ND	29.82	71.18	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		13
	21-Aug-14	ND	29.08	71.92	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		7.5

Table II: Summary of Ground-Water Quality and Monitoring Data
Former Crown MD-142
201 Hanover Pike, Hampstead, Maryland

Sample ID	Date	Depth to LPH (feet)	Depth to Water (feet)	Poten. Surface (feet)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)
MDE Ground-Water Standards					**5.0**	**1,000**	**700**	**10,000**		**20**
MW-5	16-Aug-04	ND	31.48	69.59	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		**31**
	19-May-05	ND	30.41	70.66	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
Total Depth	27-Jul-05	ND	30.03	71.04						
40'	15-Aug-05	ND	32.57	68.50	BQL (1.0)	BQL (1.0)	BQL (1.0)	BQL (1.0)		**54**
	13-Sep-05	ND	33.43	67.64						
Screen Interval	21-Oct-05	ND	33.45	67.62						
20' - 40'	17-Nov-05	ND	33.16	67.91						
	12-Dec-05	ND	32.76	68.31	BQL (1.0)	BQL (1.0)	BQL (1.0)	BQL (1.0)		**27**
	24-Jan-06	ND	31.99	69.08						
	27-Feb-06	ND	31.32	69.75						
	28-Mar-06	ND	31.72	69.35	BQL (1.0)	BQL (1.0)	BQL (1.0)	BQL (1.0)		18
	23-Jun-06	ND	31.44	69.63	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	26-Sep-06	ND	34.25	66.82	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		14
	20-Dec-06	ND	32.90	68.17	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	8-Mar-07	ND	32.31	68.76	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	15-Jun-07	ND	31.66	69.41	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	13-Sep-07	ND	34.95	66.12	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	10-Dec-07	ND	36.10	64.97	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	6-Mar-08	ND	39.00	62.07	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	11-Jun-08	ND	32.04	69.03	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	29-Sep-08	ND	34.54	66.53	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	18-Dec-08	ND	34.17	66.90	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	11-Mar-09	ND	33.71	67.36	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	23-Jun-09	ND	32.21	68.86	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	30-Sep-09	ND	32.81	68.26	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	7-Dec-09	ND	31.16	69.91	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	11-Mar-10	ND	30.03	71.04	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	17-Jun-10	ND	31.35	69.72	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	23-Sep-10	ND	34.72	66.35	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	28-Dec-10	ND	35.00	66.07	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		5.6
	24-Mar-11	ND	33.35	67.72	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	13-Jun-11	ND	32.25	68.82	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	27-Sep-11	ND	32.79	68.28	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	20-Dec-11	ND	31.33	69.74	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	26-Mar-12	ND	32.02	69.05	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	4-Jun-12	ND	32.12	68.95	BQL (5.0)	6.9	BQL (5.0)	BQL (10)	6.9	BQL (5.0)
	19-Sep-12	ND	33.59	67.48	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	2-Jan-13	ND	32.18	68.89	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	17-Jul-13	ND	31.71	69.36	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	12-Feb-14	ND	31.95	69.12	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	21-Aug-14	ND	31.25	69.82	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)

Table II: Summary of Ground-Water Quality and Monitoring Data
Former Crown MD-142
201 Hanover Pike, Hampstead, Maryland

Sample ID	Date	Depth to LPH (feet)	Depth to Water (feet)	Poten. Surface (feet)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)
MDE Ground-Water Standards					**5.0**	**1,000**	**700**	**10,000**		**20**
MW-6	16-Aug-04	ND	26.66	75.49	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)
	19-May-05	ND	29.01	73.14	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
Total Depth	27-Jul-05	ND	30.03	72.12						
45'	15-Aug-05	ND	30.68	71.47	BQL (1.0)	BQL (1.0)	BQL (1.0)	BQL (1.0)		7.5
	13-Sep-05	ND	31.53	70.62						
Screen Interval	21-Oct-05	ND	31.80	70.35						
25' - 45'	17-Nov-05	ND	31.49	70.66						
	12-Dec-05	ND	31.11	71.04	BQL (1.0)	BQL (1.0)	BQL (1.0)	BQL (1.0)		BQL (1.0)
	24-Jan-06	ND	30.25	71.90						
	27-Feb-06	ND	29.46	72.69						
	28-Mar-06	ND	29.69	72.46	BQL (1.0)	BQL (1.0)	BQL (1.0)	BQL (1.0)		BQL (1.0)
	23-Jun-06	ND	31.62	70.53	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	26-Sep-06	ND	32.65	69.50	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (5.0)		BQL (5.0)
	20-Dec-06	ND	31.40	70.75	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	8-Mar-07	ND	30.18	71.97	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	15-Jun-07	ND	29.79	72.36	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	13-Sep-07	ND	33.54	68.61	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	10-Dec-07		Dry							
	3-Mar-08	ND	33.11	69.04	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	11-Jun-08	ND	30.37	71.78	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	29-Sep-08	ND	33.18	68.97	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	18-Dec-08	ND	33.02	69.13	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	11-Mar-09	ND	32.27	69.88	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	23-Jun-09	ND	30.75	71.40	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	30-Sep-09	ND	31.58	70.57	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	7-Dec-09	ND	29.85	72.30	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	11-Mar-10	ND	28.07	74.08	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	17-Jun-10	ND	29.34	72.81	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	23-Sep-10	ND	32.01	70.14	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	28-Dec-10	ND	33.55	68.60	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	24-Mar-11	ND	31.85	70.30	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	13-Jun-11	ND	30.55	71.60	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	27-Sep-11	ND	31.38	70.77	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	20-Dec-11	ND	29.68	72.47	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	26-Mar-12	ND	30.12	72.03	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	4-Jun-12	ND	30.32	71.83	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	19-Sep-12	ND	31.94	70.21	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	2-Jan-13	ND	30.34	71.81	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	17-Jul-13	ND	29.91	72.24	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	12-Feb-14	ND	30.18	71.97	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
	21-Aug-14	ND	29.30	72.85	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)

Table II: Summary of Ground-Water Quality and Monitoring Data
Former Crown MD-142
201 Hanover Pike, Hampstead, Maryland

Sample ID	Date	Depth to LPH (feet)	Depth to Water (feet)	Poten. Surface (feet)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)
MDE Ground-Water Standards					**5.0**	**1,000**	**700**	**10,000**		**20**
MW-3D 102'	11-Jun-08	ND	33.89	66.47	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		16
MW-3D 135'	11-Jun-08	ND	33.89	66.47	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		12
MW-3D 125'	29-Sep-08	ND	36.14	64.22	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
collection depth 125'	18-Dec-08	ND	35.66	64.70	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	11-Mar-09	ND	35.28	65.08	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	8-Jun-09	ND	33.83	66.53	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	30-Sep-09	ND	34.31	66.05	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	7-Dec-09	ND	32.72	67.64	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	11-Mar-10	ND	31.56	68.80	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	17-Jun-10	ND	32.89	67.47	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	23-Sep-10	ND	36.16	64.20	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	28-Dec-10	ND	36.00	64.36	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	24-Mar-11	ND	34.44	65.92	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	13-Jun-11	ND	33.56	66.80	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	27-Sep-11	ND	33.95	66.41	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	20-Dec-11	ND	32.79	67.57	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**22**
125'	26-Mar-12	ND	33.45	66.91	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	4-Jun-12	ND	33.43	66.93	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	19-Sep-12	ND	34.90	65.46	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	2-Jan-13	ND	33.60	66.76	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	17-Jul-13	ND	31.35	69.01	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	12-Feb-14	ND	33.20	67.16	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	21-Aug-14	ND	32.80	67.56	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)

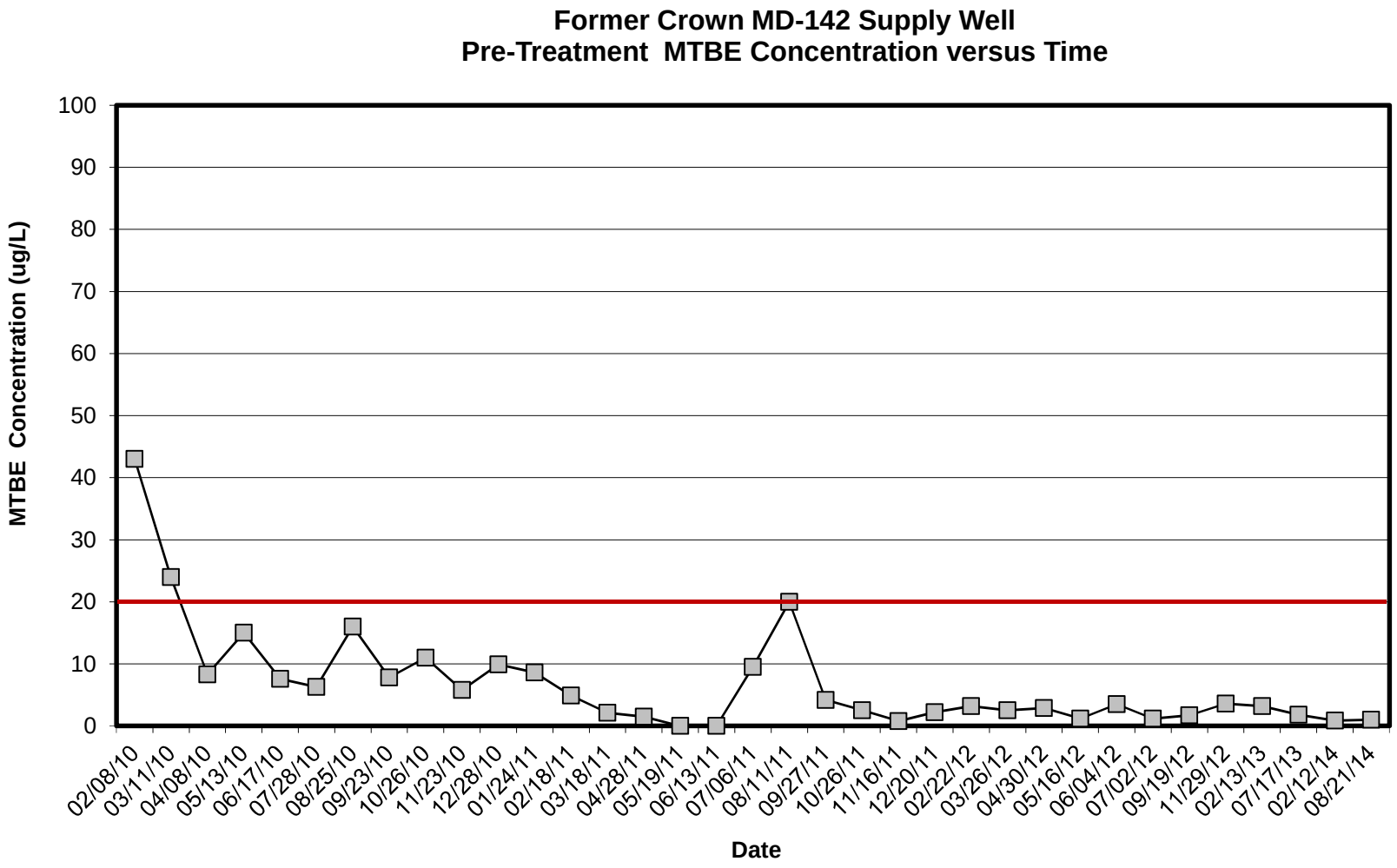
Table II: Summary of Ground-Water Quality and Monitoring Data
Former Crown MD-142
201 Hanover Pike, Hampstead, Maryland

Sample ID	Date	Depth to LPH (feet)	Depth to Water (feet)	Poten. Surface (feet)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)
MDE Ground-Water Standards					**5.0**	**1,000**	**700**	**10,000**		**20**
MW-5D 87'	11-Jun-08	ND	33.96	67.64	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		7.4
MW-5D 99'	11-Jun-08	ND	33.96	67.64	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		8.9
MW-5D 136'	11-Jun-08	ND	33.96	67.64	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		6.6
MW-5D 152'	11-Jun-08	ND	33.96	67.64	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		8.3
collection depth 125'	29-Sep-08	ND	36.32	65.28	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	18-Dec-08	ND	35.87	65.73	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		8.1
125'	11-Mar-09	ND	35.51	66.09	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		8.3
125'	23-Jun-09	ND	34.17	67.43	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	30-Sep-09	ND	34.65	66.95	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	7-Dec-09	ND	33.10	68.50	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	11-Mar-10	ND	31.80	69.80	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	17-Jun-10	ND	33.05	68.55	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	23-Sep-10	ND	36.38	65.22	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	28-Dec-10	ND	36.25	65.35	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	24-Mar-11	ND	34.67	66.93	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	13-Jun-11	ND	33.89	67.71	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	27-Sep-11	ND	34.27	67.33	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	20-Dec-11	ND	33.08	68.52	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	26-Mar-12	ND	33.73	67.87	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	4-Jun-12	ND	33.69	67.91	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	19-Sep-12	ND	35.19	66.41	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	2-Jan-13	ND	33.87	67.73	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	17-Jul-13	ND	33.61	67.99	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	12-Feb-14	ND	30.18	71.42	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	21-Aug-14	ND	30.18	71.42	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)

Table II: Summary of Ground-Water Quality and Monitoring Data
Former Crown MD-142
201 Hanover Pike, Hampstead, Maryland

Sample ID	Date	Depth to LPH (feet)	Depth to Water (feet)	Poten. Surface (feet)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)
MDE Ground-Water Standards					**5.0**	**1,000**	**700**	**10,000**		**20**
MW-145D 96'	11-Jun-08	ND	31.31	67.23	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**29**
MW-145D 114'	11-Jun-08	ND	31.31	67.23	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**27**
MW-145D 125'	11-Jun-08	ND	31.31	67.23	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		**30**
collection depth 125'	29-Sep-08	ND	33.84	64.70	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	18-Dec-08	ND	33.31	65.23	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	11-Mar-09	ND	32.91	65.63	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	23-Jun-09	ND	31.47	67.07	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	30-Sep-09	ND	31.97	66.57	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	7-Dec-09	ND	30.32	68.22	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	11-Mar-10	ND	29.05	69.49	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	17-Jun-10	ND	30.55	67.99	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	23-Sep-10	ND	33.88	64.66	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	28-Dec-10	ND	33.73	64.81	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	24-Mar-11	ND	32.04	66.50	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	13-Jun-11	ND	31.20	67.34	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	27-Sep-11	ND	31.60	66.94	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	20-Dec-11	ND	30.41	68.13	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	26-Mar-12	ND	31.10	67.44	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	4-Jun-12	ND	31.05	67.49	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	19-Sep-12	ND	32.60	65.94	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	2-Jan-13	ND	31.37	67.17	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	17-Jul-13	ND	33.15	65.39	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	12-Feb-14	ND	30.86	67.68	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)
125'	21-Aug-14	ND	30.50	68.04	BQL (5.0)	BQL (5.0)	BQL (5.0)	BQL (10)		BQL (5.0)

BTEX = Benzene, Toluene, Eythyl Benzene, Total Xylenes
MTBE = Methyl-Tert-Butyl Ether
BQL = Below Quantitation Limit (Limit of Quantitation in parentheses)
Bolded Values exceed MDE Ground-Water Standards


Former Crown MD-142 Supply Well
Pre-Treatment MTBE Concentration versus Time
MTBE Concentration (ug/L)
100
90
80
70
60
50
40
30
20
10
0
02/08/10
03/11/10
04/08/10
05/13/10
06/17/10
07/28/10
08/25/10
09/23/10
10/26/10
11/23/10
12/28/10
01/24/11
02/18/11
03/18/11
04/28/11
05/19/11
06/13/11
07/06/11
08/11/11
09/27/11
10/26/11
11/16/11
12/20/11
02/22/12
03/26/12
04/30/12
05/16/12
06/04/12
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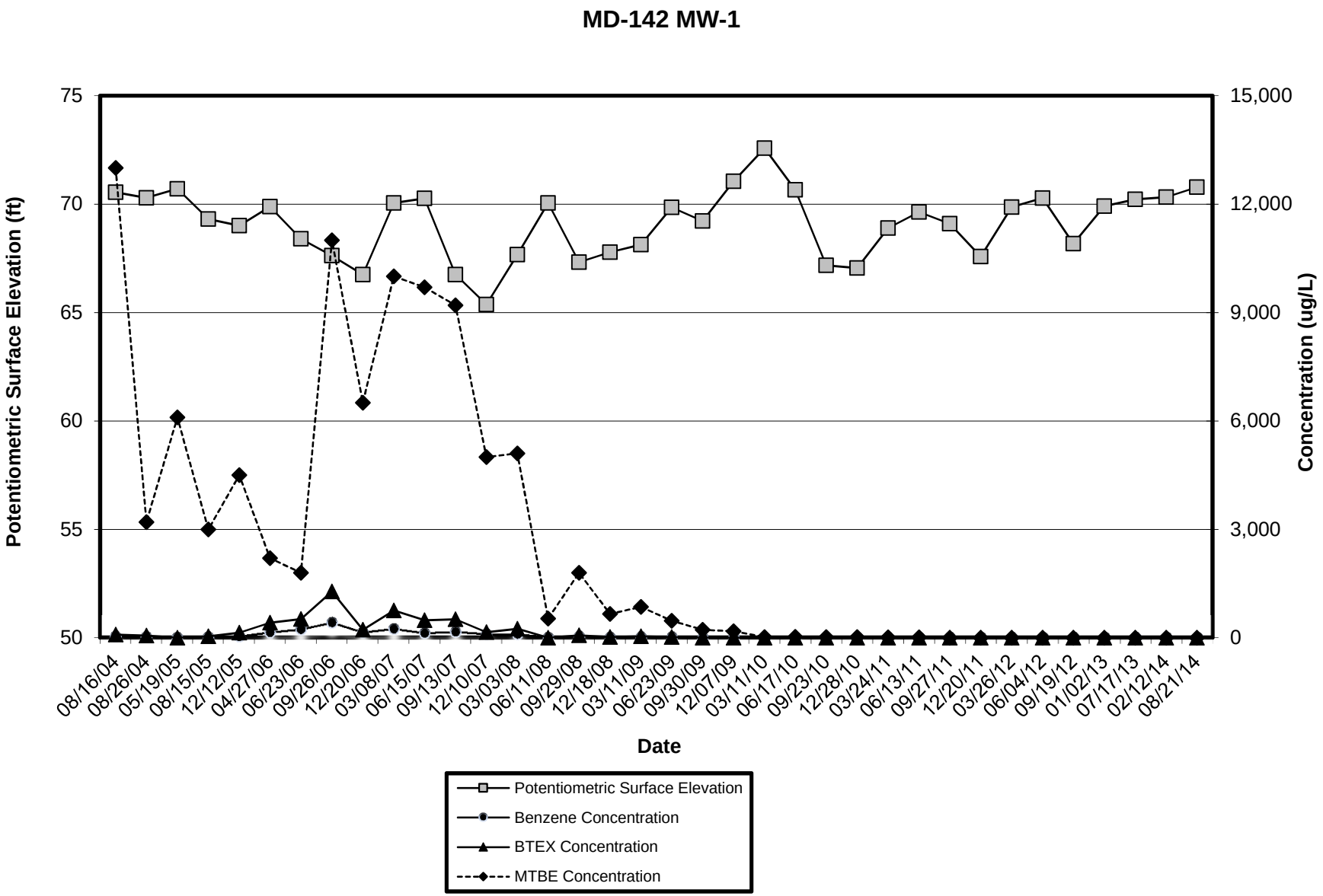
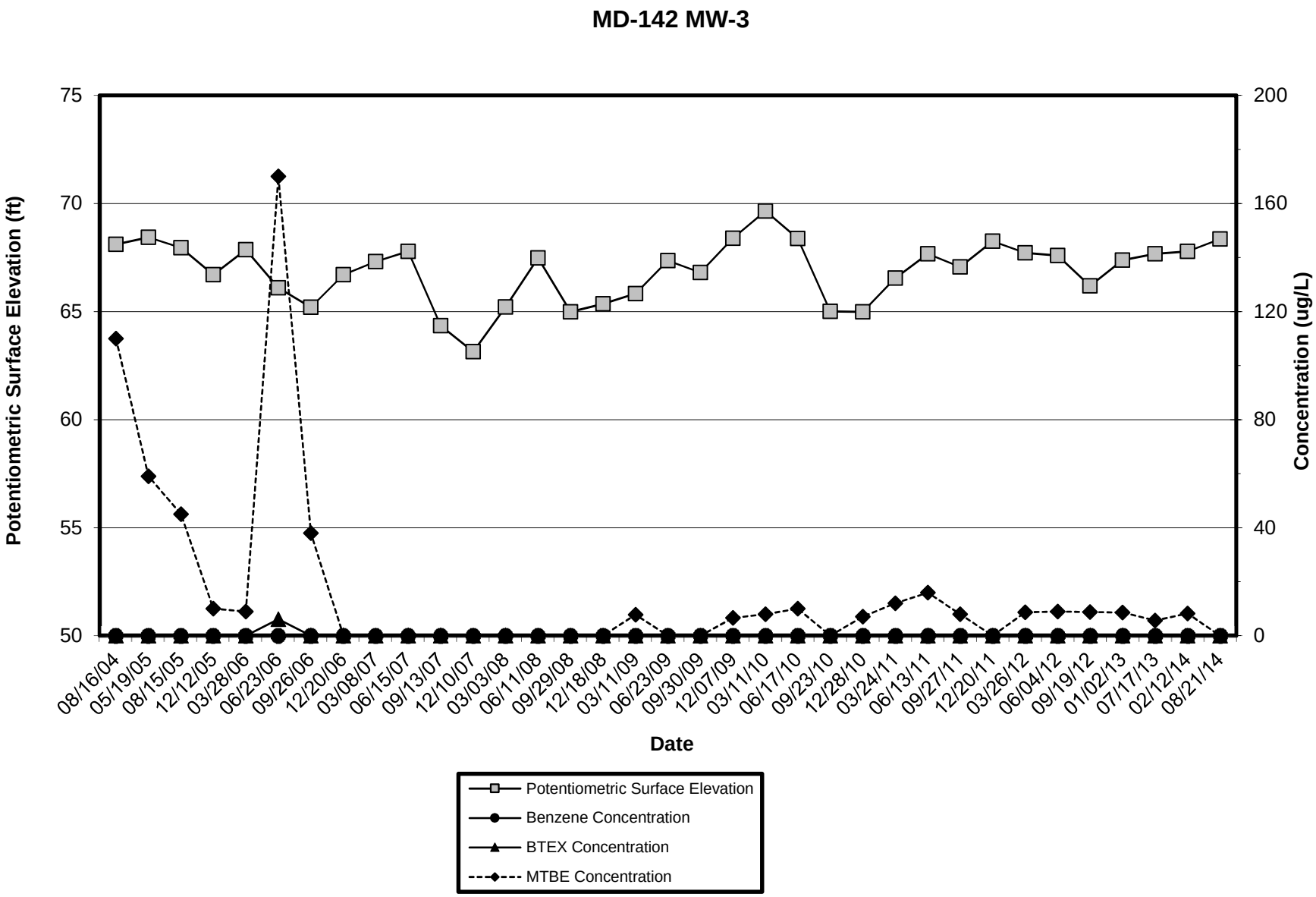
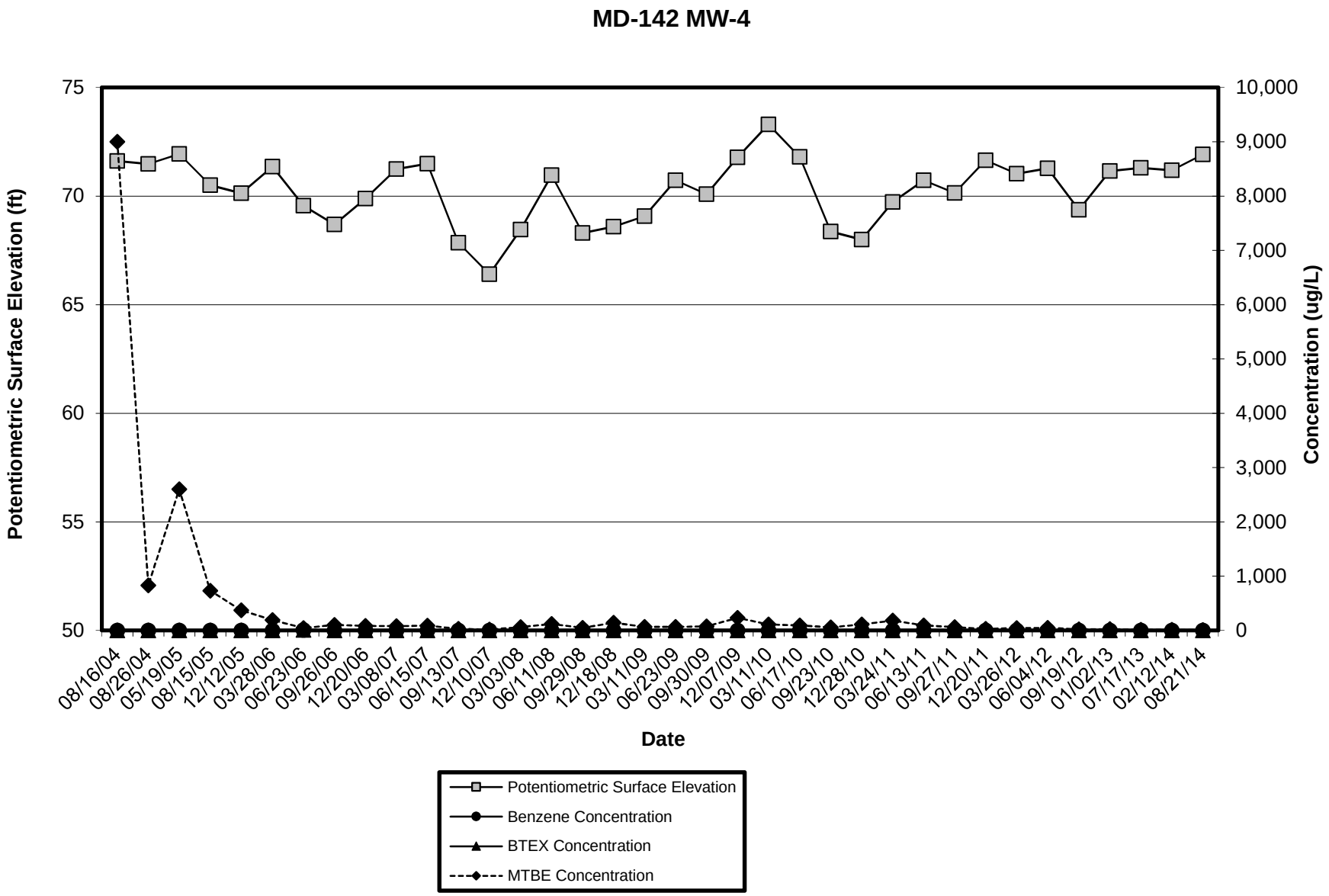
09/19/12
11/29/12
02/13/13
07/17/13
02/12/14
08/21/14
Date


MD-142 MW-1
Potentiometric Surface Elevation (ft)
Concentration (ug/L)
75
70
65
60
55
50
15,000
12,000
9,000
6,000
3,000
0
08/16/04
08/26/04
05/19/05
08/15/05
12/12/05
04/27/06
06/23/06
09/26/06
12/20/06
03/08/07
06/15/07
09/13/07
12/10/07
03/03/08
06/11/08
09/29/08
12/18/08
03/11/09
06/23/09
09/30/09
12/07/09
03/11/10
06/17/10
09/23/10
12/28/10
03/24/11
06/13/11
09/27/11
12/20/11
03/26/12
06/04/12
09/19/12
01/02/13
07/17/13
02/12/14
08/21/14
Date
Potentiometric Surface Elevation
Benzene Concentration
BTEX Concentration
MTBE Concentration


MD-142 MW-3
Potentiometric Surface Elevation (ft)
Concentration (ug/L)
75
70
65
60
55
50
200
160
120
80
40
0
08/16/04
05/19/05
08/15/05
12/12/05
03/28/06
06/23/06
09/26/06
12/20/06
03/08/07
06/15/07
09/13/07
12/10/07
03/03/08
06/11/08
09/29/08
12/18/08
03/11/09
06/23/09
09/30/09
12/07/09
03/11/10
06/17/10
09/23/10
12/28/10
03/24/11
06/13/11
09/27/11
12/20/11
03/26/12
06/04/12
09/19/12
01/02/13
07/17/13
02/12/14
08/21/14
Date
Potentiometric Surface Elevation
Benzene Concentration
BTEX Concentration
MTBE Concentration


MD-142 MW-4
Potentiometric Surface Elevation (ft)
Concentration (ug/L)
75
70
65
60
55
50
10,000
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
08/16/04
08/26/04
05/19/05
08/15/05
12/12/05
03/28/06
06/23/06
09/26/06
12/20/06
03/08/07
06/15/07
09/13/07
12/10/07
03/03/08
06/11/08
09/29/08
12/18/08
03/11/09
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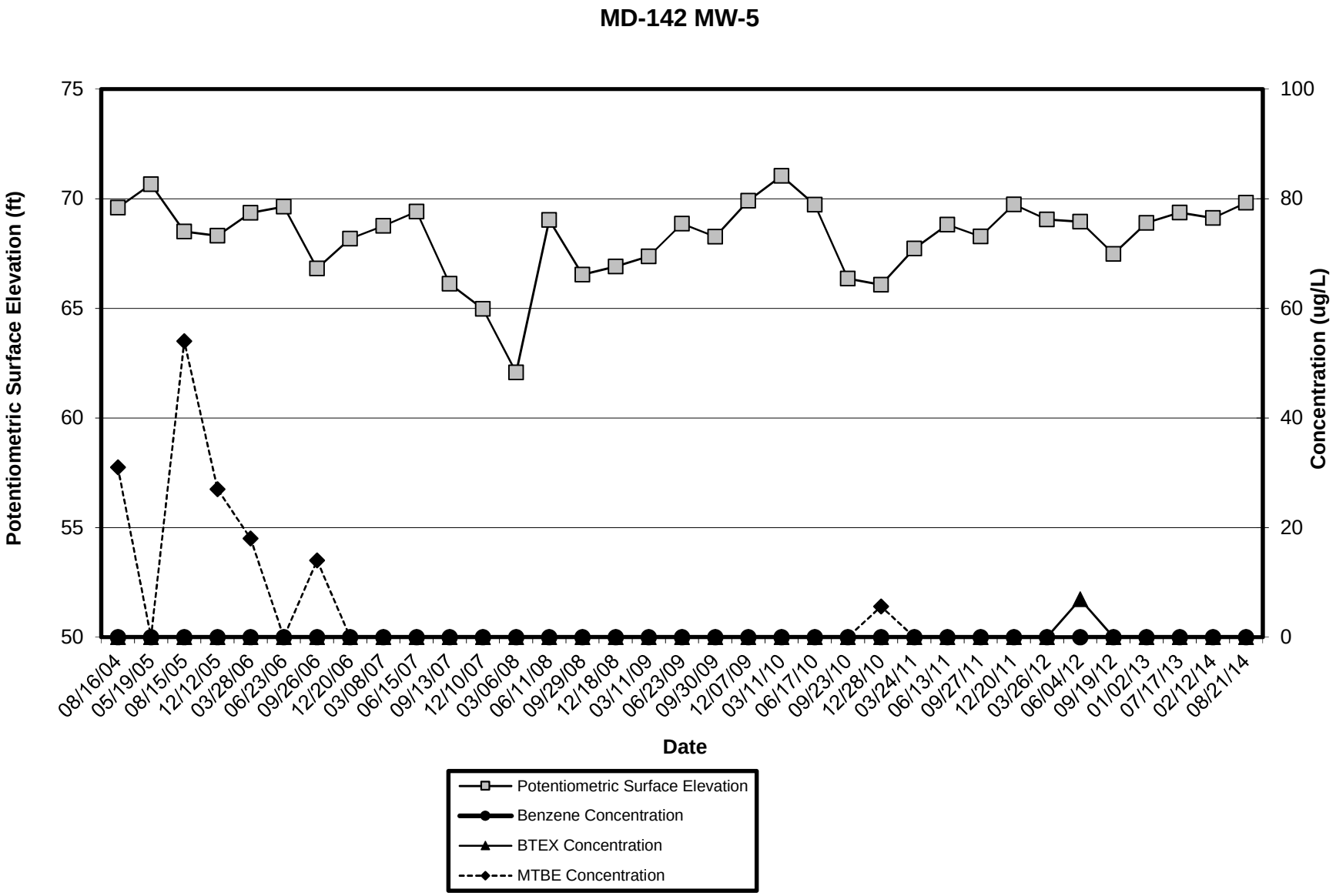
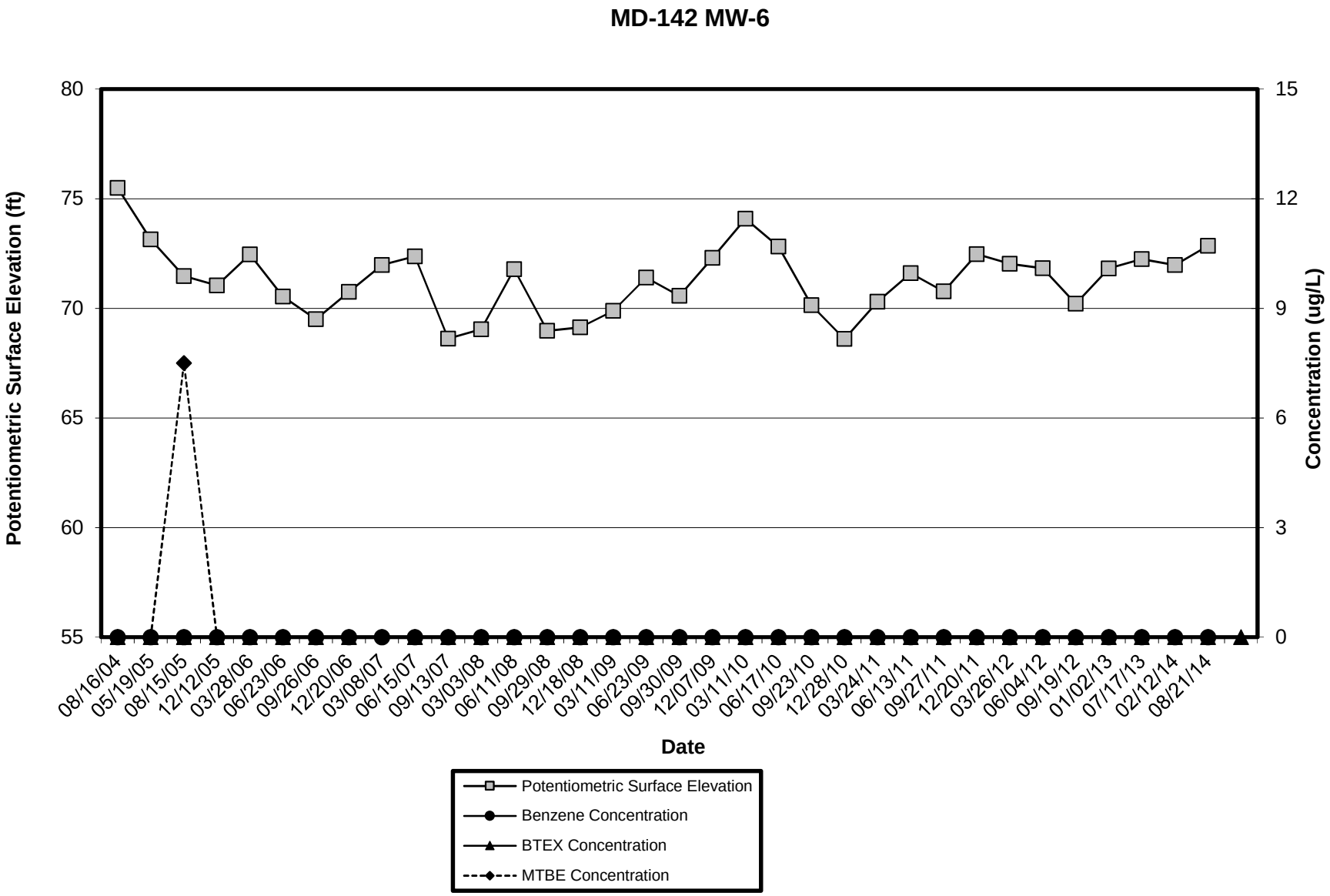
09/30/09
12/07/09
03/11/10
06/17/10
09/23/10
12/28/10
03/24/11
06/13/11
09/27/11
12/20/11
03/26/12
06/04/12
09/19/12
01/02/13
07/17/13
02/12/14
08/21/14
Date
Potentiometric Surface Elevation
Benzene Concentration
BTEX Concentration
MTBE Concentration


MD-142 MW-5
Potentiometric Surface Elevation (ft)
Concentration (ug/L)
75
70
65
60
55
50
100
80
60
40
20
0
08/16/04
05/19/05
08/15/05
12/12/05
03/28/06
06/23/06
09/26/06
12/20/06
03/08/07
06/15/07
09/13/07
12/10/07
03/06/08
06/11/08
09/29/08
12/18/08
03/11/09
06/23/09
09/30/09
12/07/09
03/11/10
06/17/10
09/23/10
12/28/10
03/24/11
06/13/11
09/27/11
12/20/11
03/26/12
06/04/12
09/19/12
01/02/13
07/17/13
02/12/14
08/21/14
Date
Potentiometric Surface Elevation
Benzene Concentration
BTEX Concentration
MTBE Concentration


MD-142 MW-6
Potentiometric Surface Elevation (ft)
Concentration (ug/L)
80
75
70
65
60
55
15
12
9
6
3
0
08/16/04
05/19/05
08/15/05
12/12/05
03/28/06
06/23/06
09/26/06
12/20/06
03/08/07
06/15/07
09/13/07
03/03/08
06/11/08
09/29/08
12/18/08
03/11/09
06/23/09
09/30/09
12/07/09
03/11/10
06/17/10
09/23/10
12/28/10
03/24/11
06/13/11
09/27/11
12/20/11
03/26/12
06/04/12
09/19/12
01/02/13
07/17/13
02/12/14
08/21/14
Date
Potentiometric Surface Elevation
Benzene Concentration
BTEX Concentration
MTBE Concentration

HP ENVIRONMENTAL
INCORPORATED

Certificate of Laboratory Analysis

Report Number: **144324**

Quality Environmental Solutions, Inc.
Attn: Erin Wyman
40 Hudson Street, Suite 107
Annapolis, MD 21401

Date Received: 08/26/14
Date Reported: 08/29/14
Project Location: **MD-142**
Client Job No: 201-162

Client Sample No: **MW-1**
Sample Matrix: Water

Lab Sample No.: 144324-01
Date Sampled: 08/21/14

Test Requested: **Volatile Organic Compounds & Petroleum Oxygenates**
Preparation Method: EPA 5030
Analysis Method: EPA 8260

Date Prepared: 08/28/14
Date Analyzed: 08/28/14

Analyte	Concentration Detected	Units	Analyte	Concentration Detected	Units
Dichlorodifluoromethane	< 5.0	ug/L	trans-1,3-Dichloropropene	< 5.0	ug/L
Chloromethane	< 5.0	ug/L	1,1,2-Trichloroethane	< 5.0	ug/L
Vinyl chloride	< 5.0	ug/L	2-Hexanone	< 5.0	ug/L
Bromomethane	< 5.0	ug/L	Tetrachloroethene	< 5.0	ug/L
Chloroethane	< 5.0	ug/L	1,3-Dichloropropane	< 5.0	ug/L
Trichlorofluoromethane	< 5.0	ug/L	Dibromochloromethane	< 5.0	ug/L
1,1-Dichloroethene	< 5.0	ug/L	1,2-Dibromoethane	< 5.0	ug/L
Acetone	< 5.0	ug/L	Chlorobenzene	< 5.0	ug/L
Methylene chloride	< 5.0	ug/L	1,1,1,2-Tetrachloroethane	< 5.0	ug/L
Methyl-tert-butyl ether (MTBE)	< 5.0	ug/L	Ethylbenzene	< 5.0	ug/L
tert-Butanol (TBA)	< 20	ug/L	m,p-Xylene	< 5.0	ug/L
trans-1,2-Dichloroethene	< 5.0	ug/L	o-Xylene	< 5.0	ug/L
1,1-Dichloroethane	< 5.0	ug/L	Styrene	< 5.0	ug/L
Diisopropyl ether (DIPE)	< 5.0	ug/L	Bromoform	< 5.0	ug/L
Ethyl-tert-butyl ether (ETBE)	< 5.0	ug/L	Isopropylbenzene	< 5.0	ug/L
tert-Amyl methyl ether (TAME)	< 5.0	ug/L	Bromobenzene	< 5.0	ug/L
tert-Amyl alcohol (TAA)	< 20	ug/L	1,1,2,2-Tetrachloroethane	< 5.0	ug/L
2-Butanone	< 5.0	ug/L	1,2,3-Trichloropropane	< 5.0	ug/L
2,2-Dichloropropane	< 5.0	ug/L	n-Propylbenzene	< 5.0	ug/L
cis-1,2-Dichloroethene	< 5.0	ug/L	2-Chlorotoluene	< 5.0	ug/L
Bromochloromethane	< 5.0	ug/L	4-Chlorotoluene	< 5.0	ug/L
Chloroform	< 5.0	ug/L	1,3,5-Trimethylbenzene	< 5.0	ug/L
1,1,1-Trichloroethane	< 5.0	ug/L	tert-Butylbenzene	< 5.0	ug/L
Carbon tetrachloride	< 5.0	ug/L	1,2,4-Trimethylbenzene	< 5.0	ug/L
1,1-Dichloropropene	< 5.0	ug/L	sec-Butylbenzene	< 5.0	ug/L
Benzene	< 5.0	ug/L	1,3-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloroethane	< 5.0	ug/L	4-Isopropyltoluene	< 5.0	ug/L
Trichloroethene	< 5.0	ug/L	1,4-Dichlorobenzene	< 5.0	ug/L
tert-Amyl ethyl ether (TAEE)	< 5.0	ug/L	1,2-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloropropane	< 5.0	ug/L	n-Butylbenzene	< 5.0	ug/L
Dibromomethane	< 5.0	ug/L	1,2-Dibromo-3-chloropropane	< 5.0	ug/L
Bromodichloromethane	< 5.0	ug/L	1,2,4-Trichlorobenzene	< 5.0	ug/L
cis-1,3-Dichloropropene	< 5.0	ug/L	Hexachlorobutadiene	< 5.0	ug/L
4-Methyl-2-pentanone	< 5.0	ug/L	Naphthalene	< 5.0	ug/L
Toluene	< 5.0	ug/L	1,2,3-Trichlorobenzene	< 5.0	ug/L

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Certificate of Laboratory Analysis

Report Number: **144324**

Quality Environmental Solutions, Inc.		Date Received:	08/26/14
Attn: Erin Wyman		Date Reported:	08/29/14
40 Hudson Street, Suite 107		Project Location:	**MD-142**
Annapolis, MD 21401		Client Job No:	201-162

Client Sample No:	**MW-3**	Lab Sample No.:	144324-02
Sample Matrix:	Water	Date Sampled:	08/21/14

Test Requested:	**Volatile Organic Compounds & Petroleum Oxygenates**		
Preparation Method:	EPA 5030	Date Prepared:	08/28/14
Analysis Method:	EPA 8260	Date Analyzed:	08/28/14

Analyte	Concentration Detected	Units	Analyte	Concentration Detected	Units
Dichlorodifluoromethane	< 5.0	ug/L	trans-1,3-Dichloropropene	< 5.0	ug/L
Chloromethane	< 5.0	ug/L	1,1,2-Trichloroethane	< 5.0	ug/L
Vinyl chloride	< 5.0	ug/L	2-Hexanone	< 5.0	ug/L
Bromomethane	< 5.0	ug/L	Tetrachloroethene	< 5.0	ug/L
Chloroethane	< 5.0	ug/L	1,3-Dichloropropane	< 5.0	ug/L
Trichlorofluoromethane	< 5.0	ug/L	Dibromochloromethane	< 5.0	ug/L
1,1-Dichloroethene	< 5.0	ug/L	1,2-Dibromoethane	< 5.0	ug/L
Acetone	< 5.0	ug/L	Chlorobenzene	< 5.0	ug/L
Methylene chloride	< 5.0	ug/L	1,1,1,2-Tetrachloroethane	< 5.0	ug/L
Methyl-tert-butyl ether (MTBE)	< 5.0	ug/L	Ethylbenzene	< 5.0	ug/L
tert-Butanol (TBA)	< 20	ug/L	m,p-Xylene	< 5.0	ug/L
trans-1,2-Dichloroethene	< 5.0	ug/L	o-Xylene	< 5.0	ug/L
1,1-Dichloroethane	< 5.0	ug/L	Styrene	< 5.0	ug/L
Diisopropyl ether (DIPE)	< 5.0	ug/L	Bromoform	< 5.0	ug/L
Ethyl-tert-butyl ether (ETBE)	< 5.0	ug/L	Isopropylbenzene	< 5.0	ug/L
tert-Amyl methyl ether (TAME)	< 5.0	ug/L	Bromobenzene	< 5.0	ug/L
tert-Amyl alcohol (TAA)	< 20	ug/L	1,1,2,2-Tetrachloroethane	< 5.0	ug/L
2-Butanone	< 5.0	ug/L	1,2,3-Trichloropropane	< 5.0	ug/L
2,2-Dichloropropane	< 5.0	ug/L	n-Propylbenzene	< 5.0	ug/L
cis-1,2-Dichloroethene	< 5.0	ug/L	2-Chlorotoluene	< 5.0	ug/L
Bromochloromethane	< 5.0	ug/L	4-Chlorotoluene	< 5.0	ug/L
Chloroform	< 5.0	ug/L	1,3,5-Trimethylbenzene	< 5.0	ug/L
1,1,1-Trichloroethane	< 5.0	ug/L	tert-Butylbenzene	< 5.0	ug/L
Carbon tetrachloride	< 5.0	ug/L	1,2,4-Trimethylbenzene	< 5.0	ug/L
1,1-Dichloropropene	< 5.0	ug/L	sec-Butylbenzene	< 5.0	ug/L
Benzene	< 5.0	ug/L	1,3-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloroethane	< 5.0	ug/L	4-Isopropyltoluene	< 5.0	ug/L
Trichloroethene	< 5.0	ug/L	1,4-Dichlorobenzene	< 5.0	ug/L
tert-Amyl ethyl ether (TAEE)	< 5.0	ug/L	1,2-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloropropane	< 5.0	ug/L	n-Butylbenzene	< 5.0	ug/L
Dibromomethane	< 5.0	ug/L	1,2-Dibromo-3-chloropropane	< 5.0	ug/L
Bromodichloromethane	< 5.0	ug/L	1,2,4-Trichlorobenzene	< 5.0	ug/L
cis-1,3-Dichloropropene	< 5.0	ug/L	Hexachlorobutadiene	< 5.0	ug/L
4-Methyl-2-pentanone	< 5.0	ug/L	Naphthalene	< 5.0	ug/L
Toluene	< 5.0	ug/L	1,2,3-Trichlorobenzene	< 5.0	ug/L

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Certificate of Laboratory Analysis

Report Number: **144324**

Quality Environmental Solutions, Inc.		Date Received:	08/26/14
Attn: Erin Wyman		Date Reported:	08/29/14
40 Hudson Street, Suite 107		Project Location:	**MD-142**
Annapolis, MD 21401		Client Job No:	201-162

Client Sample No:	**MW-4**	Lab Sample No.:	144324-03
Sample Matrix:	Water	Date Sampled:	08/21/14
Test Requested:	**Volatile Organic Compounds & Petroleum Oxygenates**		
Preparation Method:	EPA 5030	Date Prepared:	08/28/14
Analysis Method:	EPA 8260	Date Analyzed:	08/28/14

Analyte	Concentration Detected	Units	Analyte	Concentration Detected	Units
Dichlorodifluoromethane	< 5.0	ug/L	trans-1,3-Dichloropropene	< 5.0	ug/L
Chloromethane	< 5.0	ug/L	1,1,2-Trichloroethane	< 5.0	ug/L
Vinyl chloride	< 5.0	ug/L	2-Hexanone	< 5.0	ug/L
Bromomethane	< 5.0	ug/L	Tetrachloroethene	< 5.0	ug/L
Chloroethane	< 5.0	ug/L	1,3-Dichloropropane	< 5.0	ug/L
Trichlorofluoromethane	< 5.0	ug/L	Dibromochloromethane	< 5.0	ug/L
1,1-Dichloroethene	< 5.0	ug/L	1,2-Dibromoethane	< 5.0	ug/L
Acetone	< 5.0	ug/L	Chlorobenzene	< 5.0	ug/L
Methylene chloride	< 5.0	ug/L	1,1,1,2-Tetrachloroethane	< 5.0	ug/L
Methyl-tert-butyl ether (MTBE)	**7.5**	ug/L	Ethylbenzene	< 5.0	ug/L
tert-Butanol (TBA)	< 20	ug/L	m,p-Xylene	< 5.0	ug/L
trans-1,2-Dichloroethene	< 5.0	ug/L	o-Xylene	< 5.0	ug/L
1,1-Dichloroethane	< 5.0	ug/L	Styrene	< 5.0	ug/L
Diisopropyl ether (DIPE)	< 5.0	ug/L	Bromoform	< 5.0	ug/L
Ethyl-tert-butyl ether (ETBE)	< 5.0	ug/L	Isopropylbenzene	< 5.0	ug/L
tert-Amyl methyl ether (TAME)	< 5.0	ug/L	Bromobenzene	< 5.0	ug/L
tert-Amyl alcohol (TAA)	< 20	ug/L	1,1,2,2-Tetrachloroethane	< 5.0	ug/L
2-Butanone	< 5.0	ug/L	1,2,3-Trichloropropane	< 5.0	ug/L
2,2-Dichloropropane	< 5.0	ug/L	n-Propylbenzene	< 5.0	ug/L
cis-1,2-Dichloroethene	< 5.0	ug/L	2-Chlorotoluene	< 5.0	ug/L
Bromochloromethane	< 5.0	ug/L	4-Chlorotoluene	< 5.0	ug/L
Chloroform	< 5.0	ug/L	1,3,5-Trimethylbenzene	< 5.0	ug/L
1,1,1-Trichloroethane	< 5.0	ug/L	tert-Butylbenzene	< 5.0	ug/L
Carbon tetrachloride	< 5.0	ug/L	1,2,4-Trimethylbenzene	< 5.0	ug/L
1,1-Dichloropropene	< 5.0	ug/L	sec-Butylbenzene	< 5.0	ug/L
Benzene	< 5.0	ug/L	1,3-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloroethane	< 5.0	ug/L	4-Isopropyltoluene	< 5.0	ug/L
Trichloroethene	< 5.0	ug/L	1,4-Dichlorobenzene	< 5.0	ug/L
tert-Amyl ethyl ether (TAEE)	< 5.0	ug/L	1,2-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloropropane	< 5.0	ug/L	n-Butylbenzene	< 5.0	ug/L
Dibromomethane	< 5.0	ug/L	1,2-Dibromo-3-chloropropane	< 5.0	ug/L
Bromodichloromethane	< 5.0	ug/L	1,2,4-Trichlorobenzene	< 5.0	ug/L
cis-1,3-Dichloropropene	< 5.0	ug/L	Hexachlorobutadiene	< 5.0	ug/L
4-Methyl-2-pentanone	< 5.0	ug/L	Naphthalene	< 5.0	ug/L
Toluene	< 5.0	ug/L	1,2,3-Trichlorobenzene	< 5.0	ug/L

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Certificate of Laboratory Analysis

Report Number: **144324**

Quality Environmental Solutions, Inc.		Date Received:	08/26/14
Attn: Erin Wyman		Date Reported:	08/29/14
40 Hudson Street, Suite 107		Project Location:	**MD-142**
Annapolis, MD 21401		Client Job No:	201-162

Client Sample No:	**MW-5**	Lab Sample No.:	144324-04
Sample Matrix:	Water	Date Sampled:	08/21/14

Test Requested:	**Volatile Organic Compounds & Petroleum Oxygenates**		
Preparation Method:	EPA 5030	Date Prepared:	08/28/14
Analysis Method:	EPA 8260	Date Analyzed:	08/28/14

Analyte	Concentration Detected	Units	Analyte	Concentration Detected	Units
Dichlorodifluoromethane	< 5.0	ug/L	trans-1,3-Dichloropropene	< 5.0	ug/L
Chloromethane	< 5.0	ug/L	1,1,2-Trichloroethane	< 5.0	ug/L
Vinyl chloride	< 5.0	ug/L	2-Hexanone	< 5.0	ug/L
Bromomethane	< 5.0	ug/L	Tetrachloroethene	< 5.0	ug/L
Chloroethane	< 5.0	ug/L	1,3-Dichloropropane	< 5.0	ug/L
Trichlorofluoromethane	< 5.0	ug/L	Dibromochloromethane	< 5.0	ug/L
1,1-Dichloroethene	< 5.0	ug/L	1,2-Dibromoethane	< 5.0	ug/L
Acetone	< 5.0	ug/L	Chlorobenzene	< 5.0	ug/L
Methylene chloride	< 5.0	ug/L	1,1,1,2-Tetrachloroethane	< 5.0	ug/L
Methyl-tert-butyl ether (MTBE)	< 5.0	ug/L	Ethylbenzene	< 5.0	ug/L
tert-Butanol (TBA)	< 20	ug/L	m,p-Xylene	< 5.0	ug/L
trans-1,2-Dichloroethene	< 5.0	ug/L	o-Xylene	< 5.0	ug/L
1,1-Dichloroethane	< 5.0	ug/L	Styrene	< 5.0	ug/L
Diisopropyl ether (DIPE)	< 5.0	ug/L	Bromoform	< 5.0	ug/L
Ethyl-tert-butyl ether (ETBE)	< 5.0	ug/L	Isopropylbenzene	< 5.0	ug/L
tert-Amyl methyl ether (TAME)	< 5.0	ug/L	Bromobenzene	< 5.0	ug/L
tert-Amyl alcohol (TAA)	< 20	ug/L	1,1,2,2-Tetrachloroethane	< 5.0	ug/L
2-Butanone	< 5.0	ug/L	1,2,3-Trichloropropane	< 5.0	ug/L
2,2-Dichloropropane	< 5.0	ug/L	n-Propylbenzene	< 5.0	ug/L
cis-1,2-Dichloroethene	< 5.0	ug/L	2-Chlorotoluene	< 5.0	ug/L
Bromochloromethane	< 5.0	ug/L	4-Chlorotoluene	< 5.0	ug/L
Chloroform	< 5.0	ug/L	1,3,5-Trimethylbenzene	< 5.0	ug/L
1,1,1-Trichloroethane	< 5.0	ug/L	tert-Butylbenzene	< 5.0	ug/L
Carbon tetrachloride	< 5.0	ug/L	1,2,4-Trimethylbenzene	< 5.0	ug/L
1,1-Dichloropropene	< 5.0	ug/L	sec-Butylbenzene	< 5.0	ug/L
Benzene	< 5.0	ug/L	1,3-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloroethane	< 5.0	ug/L	4-Isopropyltoluene	< 5.0	ug/L
Trichloroethene	< 5.0	ug/L	1,4-Dichlorobenzene	< 5.0	ug/L
tert-Amyl ethyl ether (TAEE)	< 5.0	ug/L	1,2-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloropropane	< 5.0	ug/L	n-Butylbenzene	< 5.0	ug/L
Dibromomethane	< 5.0	ug/L	1,2-Dibromo-3-chloropropane	< 5.0	ug/L
Bromodichloromethane	< 5.0	ug/L	1,2,4-Trichlorobenzene	< 5.0	ug/L
cis-1,3-Dichloropropene	< 5.0	ug/L	Hexachlorobutadiene	< 5.0	ug/L
4-Methyl-2-pentanone	< 5.0	ug/L	Naphthalene	< 5.0	ug/L
Toluene	< 5.0	ug/L	1,2,3-Trichlorobenzene	< 5.0	ug/L

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Certificate of Laboratory Analysis

Report Number: **144324**

Quality Environmental Solutions, Inc.
Attn: Erin Wyman
40 Hudson Street, Suite 107
Annapolis, MD 21401

Date Received: 08/26/14
Date Reported: 08/29/14
Project Location: **MD-142**
Client Job No: 201-162

Client Sample No: **MW-6**
Sample Matrix: Water

Lab Sample No.: 144324-05
Date Sampled: 08/21/14

Test Requested: **Volatile Organic Compounds & Petroleum Oxygenates**
Preparation Method: EPA 5030
Analysis Method: EPA 8260

Date Prepared: 08/28/14
Date Analyzed: 08/28/14

Analyte	Concentration Detected	Units	Analyte	Concentration Detected	Units
Dichlorodifluoromethane	< 5.0	ug/L	trans-1,3-Dichloropropene	< 5.0	ug/L
Chloromethane	< 5.0	ug/L	1,1,2-Trichloroethane	< 5.0	ug/L
Vinyl chloride	< 5.0	ug/L	2-Hexanone	< 5.0	ug/L
Bromomethane	< 5.0	ug/L	Tetrachloroethene	< 5.0	ug/L
Chloroethane	< 5.0	ug/L	1,3-Dichloropropane	< 5.0	ug/L
Trichlorofluoromethane	< 5.0	ug/L	Dibromochloromethane	< 5.0	ug/L
1,1-Dichloroethene	< 5.0	ug/L	1,2-Dibromoethane	< 5.0	ug/L
Acetone	< 5.0	ug/L	Chlorobenzene	< 5.0	ug/L
Methylene chloride	< 5.0	ug/L	1,1,1,2-Tetrachloroethane	< 5.0	ug/L
Methyl-tert-butyl ether (MTBE)	< 5.0	ug/L	Ethylbenzene	< 5.0	ug/L
tert-Butanol (TBA)	< 20	ug/L	m,p-Xylene	< 5.0	ug/L
trans-1,2-Dichloroethene	< 5.0	ug/L	o-Xylene	< 5.0	ug/L
1,1-Dichloroethane	< 5.0	ug/L	Styrene	< 5.0	ug/L
Diisopropyl ether (DIPE)	< 5.0	ug/L	Bromoform	< 5.0	ug/L
Ethyl-tert-butyl ether (ETBE)	< 5.0	ug/L	Isopropylbenzene	< 5.0	ug/L
tert-Amyl methyl ether (TAME)	< 5.0	ug/L	Bromobenzene	< 5.0	ug/L
tert-Amyl alcohol (TAA)	< 20	ug/L	1,1,2,2-Tetrachloroethane	< 5.0	ug/L
2-Butanone	< 5.0	ug/L	1,2,3-Trichloropropane	< 5.0	ug/L
2,2-Dichloropropane	< 5.0	ug/L	n-Propylbenzene	< 5.0	ug/L
cis-1,2-Dichloroethene	< 5.0	ug/L	2-Chlorotoluene	< 5.0	ug/L
Bromochloromethane	< 5.0	ug/L	4-Chlorotoluene	< 5.0	ug/L
Chloroform	< 5.0	ug/L	1,3,5-Trimethylbenzene	< 5.0	ug/L
1,1,1-Trichloroethane	< 5.0	ug/L	tert-Butylbenzene	< 5.0	ug/L
Carbon tetrachloride	< 5.0	ug/L	1,2,4-Trimethylbenzene	< 5.0	ug/L
1,1-Dichloropropene	< 5.0	ug/L	sec-Butylbenzene	< 5.0	ug/L
Benzene	< 5.0	ug/L	1,3-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloroethane	< 5.0	ug/L	4-Isopropyltoluene	< 5.0	ug/L
Trichloroethene	< 5.0	ug/L	1,4-Dichlorobenzene	< 5.0	ug/L
tert-Amyl ethyl ether (TAEE)	< 5.0	ug/L	1,2-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloropropane	< 5.0	ug/L	n-Butylbenzene	< 5.0	ug/L
Dibromomethane	< 5.0	ug/L	1,2-Dibromo-3-chloropropane	< 5.0	ug/L
Bromodichloromethane	< 5.0	ug/L	1,2,4-Trichlorobenzene	< 5.0	ug/L
cis-1,3-Dichloropropene	< 5.0	ug/L	Hexachlorobutadiene	< 5.0	ug/L
4-Methyl-2-pentanone	< 5.0	ug/L	Naphthalene	< 5.0	ug/L
Toluene	< 5.0	ug/L	1,2,3-Trichlorobenzene	< 5.0	ug/L

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Certificate of Laboratory Analysis

Report Number: **144324**

Quality Environmental Solutions, Inc.		Date Received:	08/26/14
Attn: Erin Wyman		Date Reported:	08/29/14
40 Hudson Street, Suite 107		Project Location:	**MD-142**
Annapolis, MD 21401		Client Job No:	201-162

Client Sample No:	**MW-3D**	Lab Sample No.:	144324-06
Sample Matrix:	Water	Date Sampled:	08/21/14

Test Requested:	**Volatile Organic Compounds & Petroleum Oxygenates**		
Preparation Method:	EPA 5030	Date Prepared:	08/28/14
Analysis Method:	EPA 8260	Date Analyzed:	08/28/14

Analyte	Concentration Detected	Units	Analyte	Concentration Detected	Units
Dichlorodifluoromethane	< 5.0	ug/L	trans-1,3-Dichloropropene	< 5.0	ug/L
Chloromethane	< 5.0	ug/L	1,1,2-Trichloroethane	< 5.0	ug/L
Vinyl chloride	< 5.0	ug/L	2-Hexanone	< 5.0	ug/L
Bromomethane	< 5.0	ug/L	Tetrachloroethene	< 5.0	ug/L
Chloroethane	< 5.0	ug/L	1,3-Dichloropropane	< 5.0	ug/L
Trichlorofluoromethane	< 5.0	ug/L	Dibromochloromethane	< 5.0	ug/L
1,1-Dichloroethene	< 5.0	ug/L	1,2-Dibromoethane	< 5.0	ug/L
Acetone	< 5.0	ug/L	Chlorobenzene	< 5.0	ug/L
Methylene chloride	< 5.0	ug/L	1,1,1,2-Tetrachloroethane	< 5.0	ug/L
Methyl-tert-butyl ether (MTBE)	< 5.0	ug/L	Ethylbenzene	< 5.0	ug/L
tert-Butanol (TBA)	< 20	ug/L	m,p-Xylene	< 5.0	ug/L
trans-1,2-Dichloroethene	< 5.0	ug/L	o-Xylene	< 5.0	ug/L
1,1-Dichloroethane	< 5.0	ug/L	Styrene	< 5.0	ug/L
Diisopropyl ether (DIPE)	< 5.0	ug/L	Bromoform	< 5.0	ug/L
Ethyl-tert-butyl ether (ETBE)	< 5.0	ug/L	Isopropylbenzene	< 5.0	ug/L
tert-Amyl methyl ether (TAME)	< 5.0	ug/L	Bromobenzene	< 5.0	ug/L
tert-Amyl alcohol (TAA)	< 20	ug/L	1,1,2,2-Tetrachloroethane	< 5.0	ug/L
2-Butanone	< 5.0	ug/L	1,2,3-Trichloropropane	< 5.0	ug/L
2,2-Dichloropropane	< 5.0	ug/L	n-Propylbenzene	< 5.0	ug/L
cis-1,2-Dichloroethene	< 5.0	ug/L	2-Chlorotoluene	< 5.0	ug/L
Bromochloromethane	< 5.0	ug/L	4-Chlorotoluene	< 5.0	ug/L
Chloroform	< 5.0	ug/L	1,3,5-Trimethylbenzene	< 5.0	ug/L
1,1,1-Trichloroethane	< 5.0	ug/L	tert-Butylbenzene	< 5.0	ug/L
Carbon tetrachloride	< 5.0	ug/L	1,2,4-Trimethylbenzene	< 5.0	ug/L
1,1-Dichloropropene	< 5.0	ug/L	sec-Butylbenzene	< 5.0	ug/L
Benzene	< 5.0	ug/L	1,3-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloroethane	< 5.0	ug/L	4-Isopropyltoluene	< 5.0	ug/L
Trichloroethene	< 5.0	ug/L	1,4-Dichlorobenzene	< 5.0	ug/L
tert-Amyl ethyl ether (TAEE)	< 5.0	ug/L	1,2-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloropropane	< 5.0	ug/L	n-Butylbenzene	< 5.0	ug/L
Dibromomethane	< 5.0	ug/L	1,2-Dibromo-3-chloropropane	< 5.0	ug/L
Bromodichloromethane	< 5.0	ug/L	1,2,4-Trichlorobenzene	< 5.0	ug/L
cis-1,3-Dichloropropene	< 5.0	ug/L	Hexachlorobutadiene	< 5.0	ug/L
4-Methyl-2-pentanone	< 5.0	ug/L	Naphthalene	< 5.0	ug/L
Toluene	< 5.0	ug/L	1,2,3-Trichlorobenzene	< 5.0	ug/L

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Certificate of Laboratory Analysis

Report Number: **144324**

Quality Environmental Solutions, Inc.
Attn: Erin Wyman
40 Hudson Street, Suite 107
Annapolis, MD 21401

Date Received: 08/26/14
Date Reported: 08/29/14
Project Location: **MD-142**
Client Job No: 201-162

Client Sample No: **MW-5D**
Sample Matrix: Water

Lab Sample No.: 144324-07
Date Sampled: 08/21/14

Test Requested: **Volatile Organic Compounds & Petroleum Oxygenates**
Preparation Method: EPA 5030
Analysis Method: EPA 8260

Date Prepared: 08/28/14
Date Analyzed: 08/28/14

Analyte	Concentration Detected	Units	Analyte	Concentration Detected	Units
Dichlorodifluoromethane	< 5.0	ug/L	trans-1,3-Dichloropropene	< 5.0	ug/L
Chloromethane	< 5.0	ug/L	1,1,2-Trichloroethane	< 5.0	ug/L
Vinyl chloride	< 5.0	ug/L	2-Hexanone	< 5.0	ug/L
Bromomethane	< 5.0	ug/L	Tetrachloroethene	< 5.0	ug/L
Chloroethane	< 5.0	ug/L	1,3-Dichloropropane	< 5.0	ug/L
Trichlorofluoromethane	< 5.0	ug/L	Dibromochloromethane	< 5.0	ug/L
1,1-Dichloroethene	< 5.0	ug/L	1,2-Dibromoethane	< 5.0	ug/L
Acetone	< 5.0	ug/L	Chlorobenzene	< 5.0	ug/L
Methylene chloride	< 5.0	ug/L	1,1,1,2-Tetrachloroethane	< 5.0	ug/L
Methyl-tert-butyl ether (MTBE)	< 5.0	ug/L	Ethylbenzene	< 5.0	ug/L
tert-Butanol (TBA)	< 20	ug/L	m,p-Xylene	< 5.0	ug/L
trans-1,2-Dichloroethene	< 5.0	ug/L	o-Xylene	< 5.0	ug/L
1,1-Dichloroethane	< 5.0	ug/L	Styrene	< 5.0	ug/L
Diisopropyl ether (DIPE)	< 5.0	ug/L	Bromoform	< 5.0	ug/L
Ethyl-tert-butyl ether (ETBE)	< 5.0	ug/L	Isopropylbenzene	< 5.0	ug/L
tert-Amyl methyl ether (TAME)	< 5.0	ug/L	Bromobenzene	< 5.0	ug/L
tert-Amyl alcohol (TAA)	< 20	ug/L	1,1,2,2-Tetrachloroethane	< 5.0	ug/L
2-Butanone	< 5.0	ug/L	1,2,3-Trichloropropane	< 5.0	ug/L
2,2-Dichloropropane	< 5.0	ug/L	n-Propylbenzene	< 5.0	ug/L
cis-1,2-Dichloroethene	< 5.0	ug/L	2-Chlorotoluene	< 5.0	ug/L
Bromochloromethane	< 5.0	ug/L	4-Chlorotoluene	< 5.0	ug/L
Chloroform	< 5.0	ug/L	1,3,5-Trimethylbenzene	< 5.0	ug/L
1,1,1-Trichloroethane	< 5.0	ug/L	tert-Butylbenzene	< 5.0	ug/L
Carbon tetrachloride	< 5.0	ug/L	1,2,4-Trimethylbenzene	< 5.0	ug/L
1,1-Dichloropropene	< 5.0	ug/L	sec-Butylbenzene	< 5.0	ug/L
Benzene	< 5.0	ug/L	1,3-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloroethane	< 5.0	ug/L	4-Isopropyltoluene	< 5.0	ug/L
Trichloroethene	< 5.0	ug/L	1,4-Dichlorobenzene	< 5.0	ug/L
tert-Amyl ethyl ether (TAEE)	< 5.0	ug/L	1,2-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloropropane	< 5.0	ug/L	n-Butylbenzene	< 5.0	ug/L
Dibromomethane	< 5.0	ug/L	1,2-Dibromo-3-chloropropane	< 5.0	ug/L
Bromodichloromethane	< 5.0	ug/L	1,2,4-Trichlorobenzene	< 5.0	ug/L
cis-1,3-Dichloropropene	< 5.0	ug/L	Hexachlorobutadiene	< 5.0	ug/L
4-Methyl-2-pentanone	< 5.0	ug/L	Naphthalene	< 5.0	ug/L
Toluene	< 5.0	ug/L	1,2,3-Trichlorobenzene	< 5.0	ug/L

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Certificate of Laboratory Analysis

Report Number: **144324**

Quality Environmental Solutions, Inc.
Attn: Erin Wyman
40 Hudson Street, Suite 107
Annapolis, MD 21401

Date Received: 08/26/14
Date Reported: 08/29/14
Project Location: **MD-142**
Client Job No: 201-162

Client Sample No: **MW-145**
Sample Matrix: Water

Lab Sample No.: 144324-08
Date Sampled: 08/21/14

Test Requested: **Volatile Organic Compounds & Petroleum Oxygenates**
Preparation Method: EPA 5030
Analysis Method: EPA 8260

Date Prepared: 08/28/14
Date Analyzed: 08/28/14

Analyte	Concentration Detected	Units	Analyte	Concentration Detected	Units
Dichlorodifluoromethane	< 5.0	ug/L	trans-1,3-Dichloropropene	< 5.0	ug/L
Chloromethane	< 5.0	ug/L	1,1,2-Trichloroethane	< 5.0	ug/L
Vinyl chloride	< 5.0	ug/L	2-Hexanone	< 5.0	ug/L
Bromomethane	< 5.0	ug/L	Tetrachloroethene	< 5.0	ug/L
Chloroethane	< 5.0	ug/L	1,3-Dichloropropane	< 5.0	ug/L
Trichlorofluoromethane	< 5.0	ug/L	Dibromochloromethane	< 5.0	ug/L
1,1-Dichloroethene	< 5.0	ug/L	1,2-Dibromoethane	< 5.0	ug/L
Acetone	< 5.0	ug/L	Chlorobenzene	< 5.0	ug/L
Methylene chloride	< 5.0	ug/L	1,1,1,2-Tetrachloroethane	< 5.0	ug/L
Methyl-tert-butyl ether (MTBE)	< 5.0	ug/L	Ethylbenzene	< 5.0	ug/L
tert-Butanol (TBA)	< 20	ug/L	m,p-Xylene	< 5.0	ug/L
trans-1,2-Dichloroethene	< 5.0	ug/L	o-Xylene	< 5.0	ug/L
1,1-Dichloroethane	< 5.0	ug/L	Styrene	< 5.0	ug/L
Diisopropyl ether (DIPE)	< 5.0	ug/L	Bromoform	< 5.0	ug/L
Ethyl-tert-butyl ether (ETBE)	< 5.0	ug/L	Isopropylbenzene	< 5.0	ug/L
tert-Amyl methyl ether (TAME)	< 5.0	ug/L	Bromobenzene	< 5.0	ug/L
tert-Amyl alcohol (TAA)	< 20	ug/L	1,1,2,2-Tetrachloroethane	< 5.0	ug/L
2-Butanone	< 5.0	ug/L	1,2,3-Trichloropropane	< 5.0	ug/L
2,2-Dichloropropane	< 5.0	ug/L	n-Propylbenzene	< 5.0	ug/L
cis-1,2-Dichloroethene	< 5.0	ug/L	2-Chlorotoluene	< 5.0	ug/L
Bromochloromethane	< 5.0	ug/L	4-Chlorotoluene	< 5.0	ug/L
Chloroform	< 5.0	ug/L	1,3,5-Trimethylbenzene	< 5.0	ug/L
1,1,1-Trichloroethane	< 5.0	ug/L	tert-Butylbenzene	< 5.0	ug/L
Carbon tetrachloride	< 5.0	ug/L	1,2,4-Trimethylbenzene	< 5.0	ug/L
1,1-Dichloropropene	< 5.0	ug/L	sec-Butylbenzene	< 5.0	ug/L
Benzene	< 5.0	ug/L	1,3-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloroethane	< 5.0	ug/L	4-Isopropyltoluene	< 5.0	ug/L
Trichloroethene	< 5.0	ug/L	1,4-Dichlorobenzene	< 5.0	ug/L
tert-Amyl ethyl ether (TAEE)	< 5.0	ug/L	1,2-Dichlorobenzene	< 5.0	ug/L
1,2-Dichloropropane	< 5.0	ug/L	n-Butylbenzene	< 5.0	ug/L
Dibromomethane	< 5.0	ug/L	1,2-Dibromo-3-chloropropane	< 5.0	ug/L
Bromodichloromethane	< 5.0	ug/L	1,2,4-Trichlorobenzene	< 5.0	ug/L
cis-1,3-Dichloropropene	< 5.0	ug/L	Hexachlorobutadiene	< 5.0	ug/L
4-Methyl-2-pentanone	< 5.0	ug/L	Naphthalene	< 5.0	ug/L
Toluene	< 5.0	ug/L	1,2,3-Trichlorobenzene	< 5.0	ug/L

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Certificate of Laboratory Analysis

Report Number: **144324**

Quality Environmental Solutions, Inc.		Date Received:	08/26/14
Attn: Erin Wyman		Date Reported:	08/29/14
40 Hudson Street, Suite 107		Project Location:	**MD-142**
Annapolis, MD 21401		Client Job No:	201-162

Client Sample No:	**POST**	Lab Sample No.:	144324-09
Sample Matrix:	Water	Date Sampled:	08/21/14

Test Requested:	**Volatile Organic Compounds & Petroleum Oxygenates**		
Preparation Method:	EPA 5030	Date Prepared:	08/26/14
Analysis Method:	EPA 524.2	Date Analyzed:	08/26/14

Analyte	Concentration Detected	Units	Analyte	Concentration Detected	Units
Dichlorodifluoromethane	< 0.5	ug/L	trans-1,3-Dichloropropene	< 0.5	ug/L
Chloromethane	< 0.5	ug/L	1,1,2-Trichloroethane	< 0.5	ug/L
Vinyl chloride	< 0.5	ug/L	2-Hexanone	< 0.5	ug/L
Bromomethane	< 0.5	ug/L	Tetrachloroethene	< 0.5	ug/L
Chloroethane	< 0.5	ug/L	1,3-Dichloropropane	< 0.5	ug/L
Trichlorofluoromethane	< 0.5	ug/L	Dibromochloromethane	< 0.5	ug/L
1,1-Dichloroethene	< 0.5	ug/L	1,2-Dibromoethane	< 0.5	ug/L
Acetone	< 0.5	ug/L	Chlorobenzene	< 0.5	ug/L
Methylene chloride	< 0.5	ug/L	1,1,1,2-Tetrachloroethane	< 0.5	ug/L
Methyl-tert-butyl ether (MTBE)	< 0.5	ug/L	Ethylbenzene	< 0.5	ug/L
tert-Butanol (TBA)	< 2.0	ug/L	m,p-Xylene	< 0.5	ug/L
trans-1,2-Dichloroethene	< 0.5	ug/L	o-Xylene	< 0.5	ug/L
1,1-Dichloroethane	< 0.5	ug/L	Styrene	< 0.5	ug/L
Diisopropyl ether (DIPE)	< 0.5	ug/L	Bromoform	< 0.5	ug/L
Ethyl-tert-butyl ether (ETBE)	< 0.5	ug/L	Isopropylbenzene	< 0.5	ug/L
tert-Amyl methyl ether (TAME)	< 0.5	ug/L	Bromobenzene	< 0.5	ug/L
tert-Amyl alcohol (TAA)	< 2.0	ug/L	1,1,2,2-Tetrachloroethane	< 0.5	ug/L
2-Butanone	< 0.5	ug/L	1,2,3-Trichloropropane	< 0.5	ug/L
2,2-Dichloropropane	< 0.5	ug/L	n-Propylbenzene	< 0.5	ug/L
cis-1,2-Dichloroethene	< 0.5	ug/L	2-Chlorotoluene	< 0.5	ug/L
Bromochloromethane	< 0.5	ug/L	4-Chlorotoluene	< 0.5	ug/L
Chloroform	< 0.5	ug/L	1,3,5-Trimethylbenzene	< 0.5	ug/L
1,1,1-Trichloroethane	< 0.5	ug/L	tert-Butylbenzene	< 0.5	ug/L
Carbon tetrachloride	< 0.5	ug/L	1,2,4-Trimethylbenzene	< 0.5	ug/L
1,1-Dichloropropene	< 0.5	ug/L	sec-Butylbenzene	< 0.5	ug/L
Benzene	< 0.5	ug/L	1,3-Dichlorobenzene	< 0.5	ug/L
1,2-Dichloroethane	< 0.5	ug/L	4-Isopropyltoluene	< 0.5	ug/L
Trichloroethene	< 0.5	ug/L	1,4-Dichlorobenzene	< 0.5	ug/L
tert-Amyl ethyl ether (TAEE)	< 0.5	ug/L	1,2-Dichlorobenzene	< 0.5	ug/L
1,2-Dichloropropane	< 0.5	ug/L	n-Butylbenzene	< 0.5	ug/L
Dibromomethane	< 0.5	ug/L	1,2-Dibromo-3-chloropropane	< 0.5	ug/L
Bromodichloromethane	< 0.5	ug/L	1,2,4-Trichlorobenzene	< 0.5	ug/L
cis-1,3-Dichloropropene	< 0.5	ug/L	Hexachlorobutadiene	< 0.5	ug/L
4-Methyl-2-pentanone	< 0.5	ug/L	Naphthalene	< 0.5	ug/L
Toluene	< 0.5	ug/L	1,2,3-Trichlorobenzene	< 0.5	ug/L

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Certificate of Laboratory Analysis

Report Number: **144324**

Quality Environmental Solutions, Inc.
Attn: Erin Wyman
40 Hudson Street, Suite 107
Annapolis, MD 21401

Date Received: 08/26/14
Date Reported: 08/29/14
Project Location: **MD-142**
Client Job No: 201-162

Client Sample No: **MID B**
Sample Matrix: Water

Lab Sample No.: 144324-10
Date Sampled: 08/21/14

Test Requested: **Volatile Organic Compounds & Petroleum Oxygenates**
Preparation Method: EPA 5030
Analysis Method: EPA 524.2

Date Prepared: 08/26/14
Date Analyzed: 08/26/14

Analyte	Concentration Detected	Units	Analyte	Concentration Detected	Units
Dichlorodifluoromethane	< 0.5	ug/L	trans-1,3-Dichloropropene	< 0.5	ug/L
Chloromethane	< 0.5	ug/L	1,1,2-Trichloroethane	< 0.5	ug/L
Vinyl chloride	< 0.5	ug/L	2-Hexanone	< 0.5	ug/L
Bromomethane	< 0.5	ug/L	Tetrachloroethene	< 0.5	ug/L
Chloroethane	< 0.5	ug/L	1,3-Dichloropropane	< 0.5	ug/L
Trichlorofluoromethane	< 0.5	ug/L	Dibromochloromethane	< 0.5	ug/L
1,1-Dichloroethene	< 0.5	ug/L	1,2-Dibromoethane	< 0.5	ug/L
Acetone	< 0.5	ug/L	Chlorobenzene	< 0.5	ug/L
Methylene chloride	< 0.5	ug/L	1,1,1,2-Tetrachloroethane	< 0.5	ug/L
Methyl-tert-butyl ether (MTBE)	< 0.5	ug/L	Ethylbenzene	< 0.5	ug/L
tert-Butanol (TBA)	< 2.0	ug/L	m,p-Xylene	< 0.5	ug/L
trans-1,2-Dichloroethene	< 0.5	ug/L	o-Xylene	< 0.5	ug/L
1,1-Dichloroethane	< 0.5	ug/L	Styrene	< 0.5	ug/L
Diisopropyl ether (DIPE)	< 0.5	ug/L	Bromoform	< 0.5	ug/L
Ethyl-tert-butyl ether (ETBE)	< 0.5	ug/L	Isopropylbenzene	< 0.5	ug/L
tert-Amyl methyl ether (TAME)	< 0.5	ug/L	Bromobenzene	< 0.5	ug/L
tert-Amyl alcohol (TAA)	< 2.0	ug/L	1,1,2,2-Tetrachloroethane	< 0.5	ug/L
2-Butanone	< 0.5	ug/L	1,2,3-Trichloropropane	< 0.5	ug/L
2,2-Dichloropropane	< 0.5	ug/L	n-Propylbenzene	< 0.5	ug/L
cis-1,2-Dichloroethene	< 0.5	ug/L	2-Chlorotoluene	< 0.5	ug/L
Bromochloromethane	< 0.5	ug/L	4-Chlorotoluene	< 0.5	ug/L
Chloroform	< 0.5	ug/L	1,3,5-Trimethylbenzene	< 0.5	ug/L
1,1,1-Trichloroethane	< 0.5	ug/L	tert-Butylbenzene	< 0.5	ug/L
Carbon tetrachloride	< 0.5	ug/L	1,2,4-Trimethylbenzene	< 0.5	ug/L
1,1-Dichloropropene	< 0.5	ug/L	sec-Butylbenzene	< 0.5	ug/L
Benzene	< 0.5	ug/L	1,3-Dichlorobenzene	< 0.5	ug/L
1,2-Dichloroethane	< 0.5	ug/L	4-Isopropyltoluene	< 0.5	ug/L
Trichloroethene	< 0.5	ug/L	1,4-Dichlorobenzene	< 0.5	ug/L
tert-Amyl ethyl ether (TAEE)	< 0.5	ug/L	1,2-Dichlorobenzene	< 0.5	ug/L
1,2-Dichloropropane	< 0.5	ug/L	n-Butylbenzene	< 0.5	ug/L
Dibromomethane	< 0.5	ug/L	1,2-Dibromo-3-chloropropane	< 0.5	ug/L
Bromodichloromethane	< 0.5	ug/L	1,2,4-Trichlorobenzene	< 0.5	ug/L
cis-1,3-Dichloropropene	< 0.5	ug/L	Hexachlorobutadiene	< 0.5	ug/L
4-Methyl-2-pentanone	< 0.5	ug/L	Naphthalene	< 0.5	ug/L
Toluene	< 0.5	ug/L	1,2,3-Trichlorobenzene	< 0.5	ug/L

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Certificate of Laboratory Analysis

Report Number: **144324**

Quality Environmental Solutions, Inc.
Attn: Erin Wyman
40 Hudson Street, Suite 107
Annapolis, MD 21401

Date Received: 08/26/14
Date Reported: 08/29/14
Project Location: **MD-142**
Client Job No: 201-162

Client Sample No: **MID A**
Sample Matrix: Water

Lab Sample No.: 144324-11
Date Sampled: 08/21/14

Test Requested: **Volatile Organic Compounds & Petroleum Oxygenates**
Preparation Method: EPA 5030
Analysis Method: EPA 524.2

Date Prepared: 08/26/14
Date Analyzed: 08/26/14

Analyte	Concentration Detected	Units	Analyte	Concentration Detected	Units
Dichlorodifluoromethane	< 0.5	ug/L	trans-1,3-Dichloropropene	< 0.5	ug/L
Chloromethane	< 0.5	ug/L	1,1,2-Trichloroethane	< 0.5	ug/L
Vinyl chloride	< 0.5	ug/L	2-Hexanone	< 0.5	ug/L
Bromomethane	< 0.5	ug/L	Tetrachloroethene	< 0.5	ug/L
Chloroethane	< 0.5	ug/L	1,3-Dichloropropane	< 0.5	ug/L
Trichlorofluoromethane	< 0.5	ug/L	Dibromochloromethane	< 0.5	ug/L
1,1-Dichloroethene	< 0.5	ug/L	1,2-Dibromoethane	< 0.5	ug/L
Acetone	< 0.5	ug/L	Chlorobenzene	< 0.5	ug/L
Methylene chloride	< 0.5	ug/L	1,1,1,2-Tetrachloroethane	< 0.5	ug/L
Methyl-tert-butyl ether (MTBE)	< 0.5	ug/L	Ethylbenzene	< 0.5	ug/L
tert-Butanol (TBA)	< 2.0	ug/L	m,p-Xylene	< 0.5	ug/L
trans-1,2-Dichloroethene	< 0.5	ug/L	o-Xylene	< 0.5	ug/L
1,1-Dichloroethane	< 0.5	ug/L	Styrene	< 0.5	ug/L
Diisopropyl ether (DIPE)	< 0.5	ug/L	Bromoform	< 0.5	ug/L
Ethyl-tert-butyl ether (ETBE)	< 0.5	ug/L	Isopropylbenzene	< 0.5	ug/L
tert-Amyl methyl ether (TAME)	< 0.5	ug/L	Bromobenzene	< 0.5	ug/L
tert-Amyl alcohol (TAA)	< 2.0	ug/L	1,1,2,2-Tetrachloroethane	< 0.5	ug/L
2-Butanone	< 0.5	ug/L	1,2,3-Trichloropropane	< 0.5	ug/L
2,2-Dichloropropane	< 0.5	ug/L	n-Propylbenzene	< 0.5	ug/L
cis-1,2-Dichloroethene	< 0.5	ug/L	2-Chlorotoluene	< 0.5	ug/L
Bromochloromethane	< 0.5	ug/L	4-Chlorotoluene	< 0.5	ug/L
Chloroform	< 0.5	ug/L	1,3,5-Trimethylbenzene	< 0.5	ug/L
1,1,1-Trichloroethane	< 0.5	ug/L	tert-Butylbenzene	< 0.5	ug/L
Carbon tetrachloride	< 0.5	ug/L	1,2,4-Trimethylbenzene	< 0.5	ug/L
1,1-Dichloropropene	< 0.5	ug/L	sec-Butylbenzene	< 0.5	ug/L
Benzene	< 0.5	ug/L	1,3-Dichlorobenzene	< 0.5	ug/L
1,2-Dichloroethane	< 0.5	ug/L	4-Isopropyltoluene	< 0.5	ug/L
Trichloroethene	< 0.5	ug/L	1,4-Dichlorobenzene	< 0.5	ug/L
tert-Amyl ethyl ether (TAEE)	< 0.5	ug/L	1,2-Dichlorobenzene	< 0.5	ug/L
1,2-Dichloropropane	< 0.5	ug/L	n-Butylbenzene	< 0.5	ug/L
Dibromomethane	< 0.5	ug/L	1,2-Dibromo-3-chloropropane	< 0.5	ug/L
Bromodichloromethane	< 0.5	ug/L	1,2,4-Trichlorobenzene	< 0.5	ug/L
cis-1,3-Dichloropropene	< 0.5	ug/L	Hexachlorobutadiene	< 0.5	ug/L
4-Methyl-2-pentanone	< 0.5	ug/L	Naphthalene	< 0.5	ug/L
Toluene	< 0.5	ug/L	1,2,3-Trichlorobenzene	< 0.5	ug/L

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Certificate of Laboratory Analysis

Report Number: **144324**

Quality Environmental Solutions, Inc.		Date Received:	08/26/14
Attn: Erin Wyman		Date Reported:	08/29/14
40 Hudson Street, Suite 107		Project Location:	**MD-142**
Annapolis, MD 21401		Client Job No:	201-162

Client Sample No:	**PRE**	Lab Sample No.:	144324-12
Sample Matrix:	Water	Date Sampled:	08/21/14

Test Requested: **Volatile Organic Compounds & Petroleum Oxygenates**

Preparation Method:	EPA 5030	Date Prepared:	08/26/14
Analysis Method:	EPA 524.2	Date Analyzed:	08/26/14

Analyte	Concentration Detected	Units	Analyte	Concentration Detected	Units
Dichlorodifluoromethane	< 0.5	ug/L	trans-1,3-Dichloropropene	< 0.5	ug/L
Chloromethane	< 0.5	ug/L	1,1,2-Trichloroethane	< 0.5	ug/L
Vinyl chloride	< 0.5	ug/L	2-Hexanone	< 0.5	ug/L
Bromomethane	< 0.5	ug/L	Tetrachloroethene	< 0.5	ug/L
Chloroethane	< 0.5	ug/L	1,3-Dichloropropane	< 0.5	ug/L
Trichlorofluoromethane	< 0.5	ug/L	Dibromochloromethane	< 0.5	ug/L
1,1-Dichloroethene	< 0.5	ug/L	1,2-Dibromoethane	< 0.5	ug/L
Acetone	< 0.5	ug/L	Chlorobenzene	< 0.5	ug/L
Methylene chloride	< 0.5	ug/L	1,1,1,2-Tetrachloroethane	< 0.5	ug/L
Methyl-tert-butyl ether (MTBE)	**0.98**	ug/L	Ethylbenzene	< 0.5	ug/L
tert-Butanol (TBA)	< 2.0	ug/L	m,p-Xylene	< 0.5	ug/L
trans-1,2-Dichloroethene	< 0.5	ug/L	o-Xylene	< 0.5	ug/L
1,1-Dichloroethane	< 0.5	ug/L	Styrene	< 0.5	ug/L
Diisopropyl ether (DIPE)	< 0.5	ug/L	Bromoform	< 0.5	ug/L
Ethyl-tert-butyl ether (ETBE)	< 0.5	ug/L	Isopropylbenzene	< 0.5	ug/L
tert-Amyl methyl ether (TAME)	< 0.5	ug/L	Bromobenzene	< 0.5	ug/L
tert-Amyl alcohol (TAA)	< 2.0	ug/L	1,1,2,2-Tetrachloroethane	< 0.5	ug/L
2-Butanone	< 0.5	ug/L	1,2,3-Trichloropropane	< 0.5	ug/L
2,2-Dichloropropane	< 0.5	ug/L	n-Propylbenzene	< 0.5	ug/L
cis-1,2-Dichloroethene	< 0.5	ug/L	2-Chlorotoluene	< 0.5	ug/L
Bromochloromethane	< 0.5	ug/L	4-Chlorotoluene	< 0.5	ug/L
Chloroform	< 0.5	ug/L	1,3,5-Trimethylbenzene	< 0.5	ug/L
1,1,1-Trichloroethane	< 0.5	ug/L	tert-Butylbenzene	< 0.5	ug/L
Carbon tetrachloride	< 0.5	ug/L	1,2,4-Trimethylbenzene	< 0.5	ug/L
1,1-Dichloropropene	< 0.5	ug/L	sec-Butylbenzene	< 0.5	ug/L
Benzene	< 0.5	ug/L	1,3-Dichlorobenzene	< 0.5	ug/L
1,2-Dichloroethane	< 0.5	ug/L	4-Isopropyltoluene	< 0.5	ug/L
Trichloroethene	< 0.5	ug/L	1,4-Dichlorobenzene	< 0.5	ug/L
tert-Amyl ethyl ether (TAEE)	< 0.5	ug/L	1,2-Dichlorobenzene	< 0.5	ug/L
1,2-Dichloropropane	< 0.5	ug/L	n-Butylbenzene	< 0.5	ug/L
Dibromomethane	< 0.5	ug/L	1,2-Dibromo-3-chloropropane	< 0.5	ug/L
Bromodichloromethane	< 0.5	ug/L	1,2,4-Trichlorobenzene	< 0.5	ug/L
cis-1,3-Dichloropropene	< 0.5	ug/L	Hexachlorobutadiene	< 0.5	ug/L
4-Methyl-2-pentanone	< 0.5	ug/L	Naphthalene	< 0.5	ug/L
Toluene	< 0.5	ug/L	1,2,3-Trichlorobenzene	< 0.5	ug/L

JP 08/29/14

Approval Date

HP ENVIRONMENTAL, INC.
104 Elden St, Herndon, VA 20170 (703) 471-4200 Fax (703) 471-0020

Environmental Sample Chain-of-Custody Record

COC Reference Number: 6000

Client: QES
Address: 40 Hudson Street, Suite 107, Annapolis, MD 21401
Contact: E. Wyman
Phone: (410) 841-5552
Fax:

TURN-AROUND TIME: Routine / Emergency / Rush (24-48hr)
P.O./Job Number: 201-162 / MD-142
SITE: Hampstead
Sampled by: E. Wyman

Tests Requested

	Sample ID	Sample Date	Sample Time	Comp/ Grab	Matrix	Preserv. pH	# Bottles	VOC 8260	VOC 524.2						Description/Comments
1.	MW-1	8.21.14	1:32	g	gw	<2	2	✓							
2.	MW-3	8.21.14	12:48	g	gw	<2	2	✓							
3.	MW-4	8.21.14	2:00	g	gw	<2	2	✓							
4.	MW-5	8.21.14	11:37	g	gw	<2	2	✓							
5.	MW-6	8.21.14	11:15	g	gw	<2	2	✓							
6.	MW-3D	8.21.14	12:42	g	gw	<2	2	✓							
7.	MW-5D	8.21.14	11:50	g	gw	<2	2	✓							
8.	MW-145D	8.21.14	1:26	g	gw	<2	2	✓							
9.															
10.	POST	8.21.14	2:30	g	dw	<2	3		✓						
11.	MID B	8.21.14	2:31	g	dw	<2	3		✓						
12.	MID A	8.21.14	2:32	g	dw	<2	3		✓						
13.	PRE	8.21.14	2:33	g	dw	<2	3		✓						
14.															
15.															

Received Condition: ICED 4°C
Mode of Shipment: PICK-UP
HPE Report Number: 1414324

Relinquished By: [signature] Date/Time 8/26/14 2:30
Relinquished By: Date/Time

Received By: Date/Time
Received By Laboratory: JI Date/Time 8/26/14 1500