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December 10, 2018

Mr. Matt Mueller
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, Maryland 21230

AECOM Project No. 60338398

Subject: Rebound Assessment Report
7-Eleven Store #32785
125 Hanover Pike
Hampstead, Maryland
MDE Case # 2006-0282-CL

Dear Mr. Mueller,

AECOM Technical Services, Inc. (AECOM), on behalf of 7-Eleven, Inc. (7-Eleven), is submitting this monthly *Rebound Assessment Report* for the above-referenced site. This report was prepared to meet the requirements set forth in the Maryland Department of the Environment (MDE) directive letter dated July 31, 2018, included as **Attachment A**.

MDE required AECOM to collect potable drinking water samples from the nearby properties that were previously sampled before shutting down the remediation system. AECOM was able to collect samples from all but one of the properties between August 2, 2018 and August 17, 2018. Per MDE approval, the groundwater remediation system was deactivated on August 31, 2018 to begin the controlled rebound assessment, including monthly gauging and sampling of all monitoring wells for the first three months (September, October, and November 2018) and then quarterly thereafter. The third monthly gauging and groundwater sampling event was completed on November 20 and 21, 2018. An extended site plan of the wells sampled is included as **Figure 1**. Laboratory results from the groundwater sampling are summarized below and included as **Attachment B**.

Monitoring Wells

The ten on-site monitoring wells were sampled on November 20 and 21, 2018 and analyzed for full-suite volatile organic compounds (VOCs) using EPA Method 8260 and for total petroleum hydrocarbon (TPH) gasoline range organics (GRO) using EPA Method 8015.

Analysis of the groundwater samples collected from the ten monitoring wells revealed methyl-t-butyl ether (MTBE) concentrations of 103 micrograms-per-liter (µg/L) in MW-8 and 17.6 µg/L in MW-9. MW-8 also revealed a tert-amyl methyl ether (TAME) concentration of 1.84 µg/L. No other VOCs were detected above laboratory detection limits in the monitoring wells. The analytical results are summarized in **Table 1** and the analytical report is included in **Attachment B**. A dissolved-phase BTEX/MTBE concentration map is included as **Figure 2**.

Treatment Potable Well

The residential point of entry (POET) treatment system at 124 Hanover Pike was sampled on November 20, 2018 and analyzed for the full-suite VOCs using EPA Method 524.2. All analytes in the influent sample revealed concentrations below detection limits. Historically, no VOCs, including MTBE, have been detected above laboratory detection limits in the final effluent. A summary of the analytical results for the potable well and treatment system at 124 Hanover Pike is included in **Table 2** and the analytical reports are included in **Attachment B**.

Summary

MTBE concentrations were less than 300 µg/L during this sampling event in all the groundwater monitoring wells sampled; therefore, per MDE's directive, the groundwater remediation system will continue to remain off. The fourth quarter 2018 gauging and sampling of all monitoring wells, the on-site potable well, and the private well located at 124 Hanover Pike is scheduled for December 2018. Historical site data will be included in the quarterly report, due to MDE January 2019.

Please contact either of the undersigned at (301) 289-3900 if you should have any questions or require any additional information.

Sincerely,

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Environmental Scientist
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Rachael Allen
Project Manager
Rachael.Allen@aecom.com

Marie Treiber
Regional Senior Project Manager
Marie.Treiber@aecom.com

Cc: 7-Eleven Project File

FIGURES

FIGURE 1 – Site Map

FIGURE 2 – Dissolved-Phase Hydrocarbon Concentration Map

TABLES

TABLE 1 – Groundwater Analytical Results of Monitoring Well Sampling

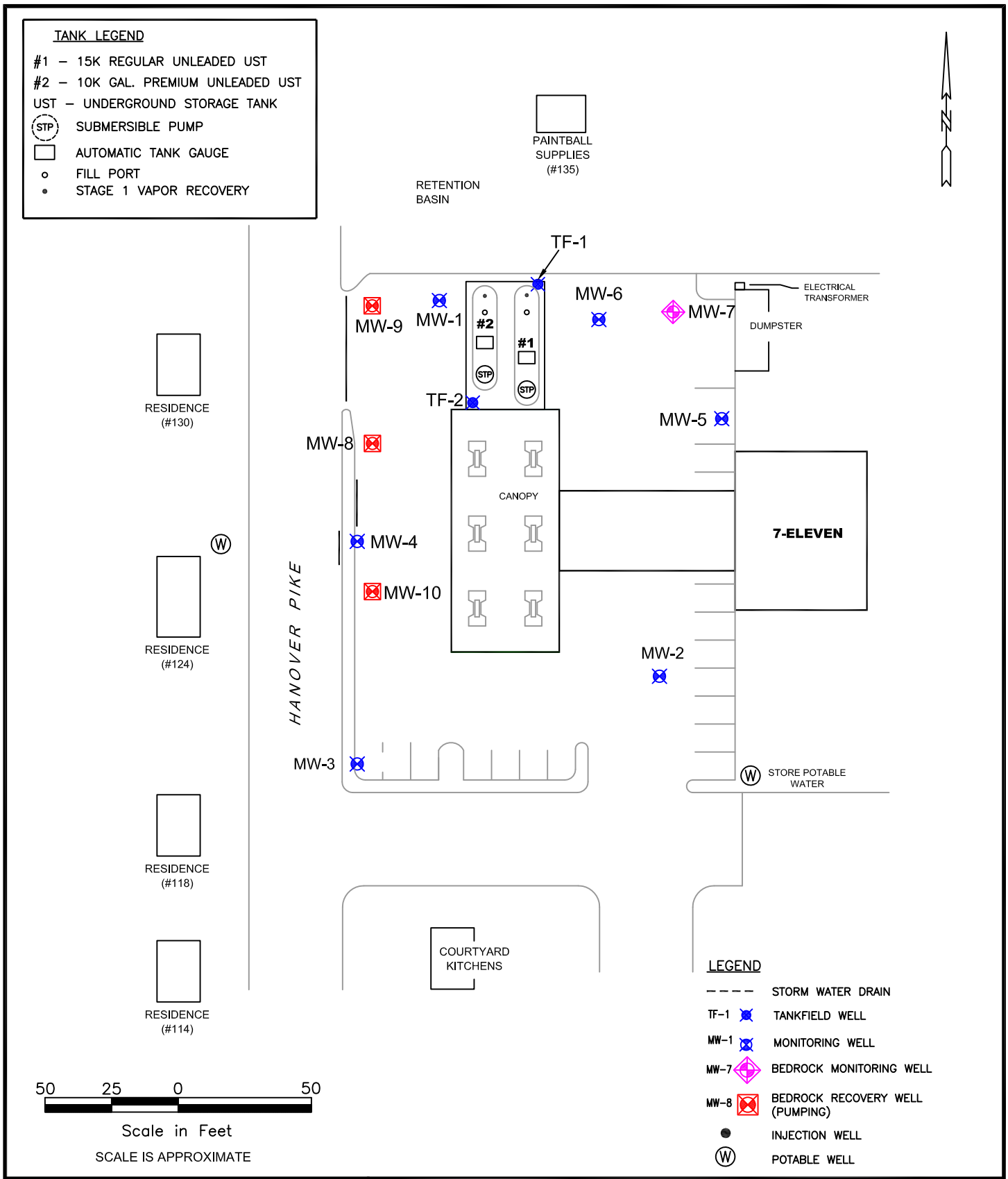
TABLE 2 – 124 Hanover Pike Sampling Results

ATTACHMENTS

ATTACHMENT A – MDE Directive Letter – July 31, 2018

ATTACHMENT B – Laboratory Analytical Results – Monitoring Wells/124 Hanover Pike

FIGURES



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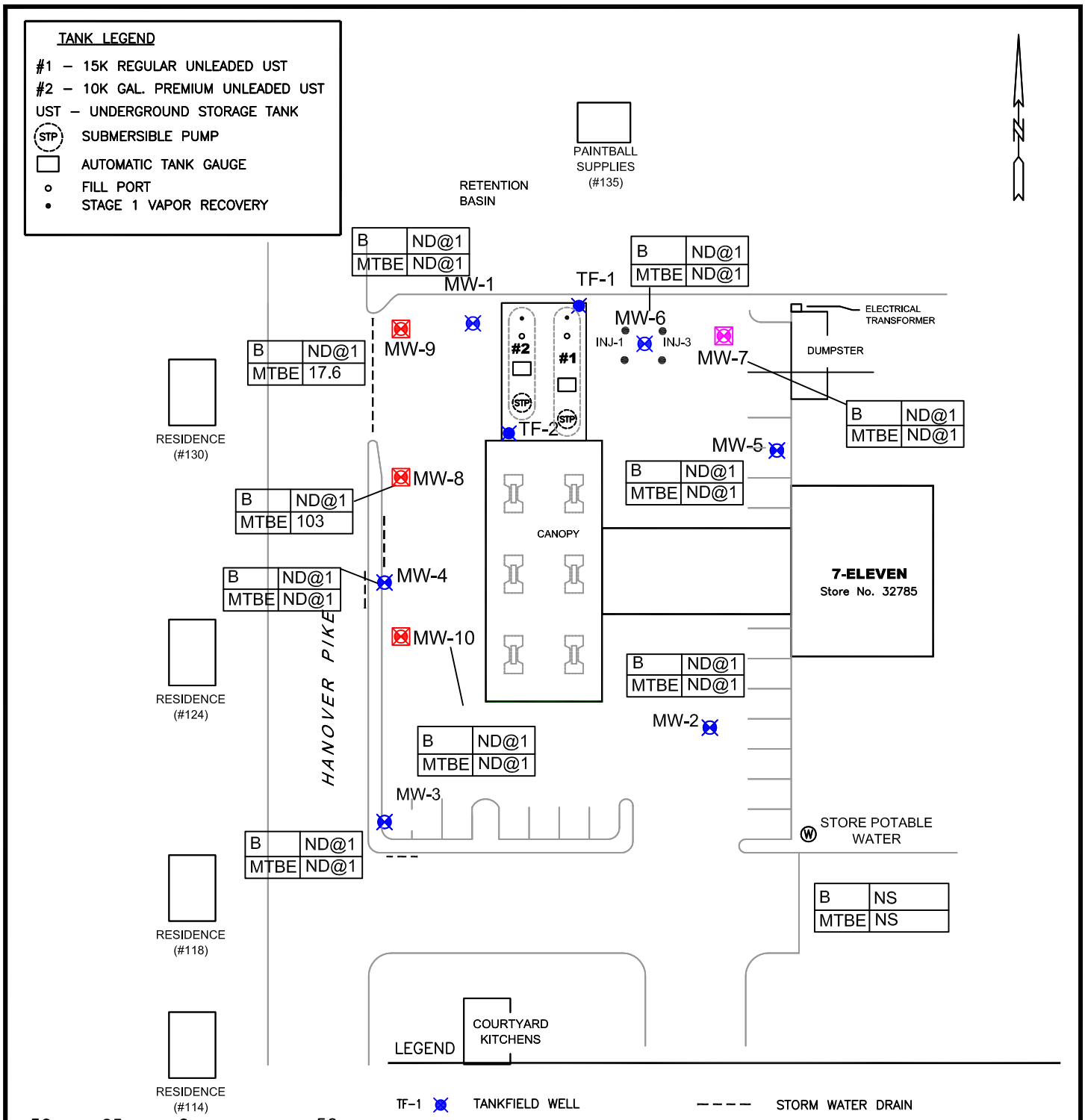
SITE MAP

7-ELEVEN STORE NO. 32785
125 HANOVER PIKE
HAMPSTEAD, MD

FIGURE NUMBER: **1**

DRAWN BY:	CHECKED BY:	DATE:	PROJECT NUMBER:	SHEET NUMBER:
M. Emery	R. Allen	12/7/18	60338398	1 OF 1



NOTE: SCALE IS APPROXIMATE

MW-1 THROUGH MW-3 WERE INSTALLED 7/2005.
MW-4 THROUGH MW-5 WERE INSTALLED 11/2005.
MW-6 THROUGH MW-8 WERE INSTALLED 12/2008.

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DISSOLVED-PHASE HYDROCARBON CONCENTRATION MAP (ug/l)
November 20 and 21, 2018

7-ELEVEN STORE NO. 32785
125 HANOVER PIKE
HAMPSTEAD, MD

FIGURE NUMBER: 2

DRAWN BY:	CHECKED BY:	DATE:	PROJECT NUMBER:	SHEET NUMBER:
M. Emery	R. Allen	12/6/18	60338398	1 OF 1

Piscataway on uspsw2vfp001\Data_uspsw2vfp001\Environment\(J)
File: \\usch1fp001\Data\Projects\711\Maryland\32785 - Hampstead - ON LEGAL HOLD\60144916-60338398\Section 5 Project Reporting\Rebound AsFigure 2.dwg Layout: FIG.1 User: emerym Plotted: Dec 1

TABLES

Table 1: Groundwater Analytical Results of Monitoring Well Sampling
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	TPH-DRO (mg/L)
MW-1	7/25/05	ND@20	ND@20	ND@20	ND@60	ND	**31,000**	28,000	1,300	NA	NA
	1/25/06	ND@1	ND@1	ND@1	ND@3	ND	**22,000**	17,000	E1,000	NA	NA
	7/11/06	ND@1	ND@1	ND@1	ND@3	ND	**E 22,000**	12,000	E 600	NA	NA
	1/9/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	13,000	ND@1000	NA	NA
	6/14/07	ND@1	ND@1	ND@1	ND@3	ND	**E 6,500**	E 680	140	**450**	ND@0.5
	11/30/07	ND@1	ND@1	ND@1	ND@3	ND	**11,000**	2,900	ND@1000	**720**	ND@0.5
	2/14/08	ND@10	ND@10	ND@10	ND@30	ND	**16,000**	2,900	370	**16,000**	ND@0.5
	5/23/08	ND@200	ND@200	ND@200	ND@600	ND	**23,000**	14,000	ND@2000	**40,000**	ND@0.5
	8/7/08	ND@10	ND@10	ND@10	ND@30	ND	**4,600**	ND@200	ND@100	**1,100**	ND@0.5
	12/3/08	ND@10	ND@10	ND@10	ND@30	ND	**1,200**	ND@200	ND@100	**670**	ND@0.5
	2/12/09	ND@1	ND@1	ND@1	ND@3	ND	**370**	ND@20	ND@10	ND@100	ND@0.5
	5/12/09	ND@1	ND@1	ND@1	ND@3	ND	**530**	ND@20	14	ND@100	ND@0.5
	8/19/09	ND@1	ND@1	ND@1	ND@3	ND	**56**	ND@20	ND@10	ND@100	NA
	11/4/09	ND@1	ND@1	ND@1	ND@3	ND	**190**	ND@20	ND@10	**240**	NA
	2/26/10	ND@1	ND@1	ND@1	ND@3	ND	**54**	ND@20	ND@10	ND@100	NA
	5/13/10	ND@1	ND@1	ND@1	ND@3	ND	**340**	86	ND@10	**310**	NA
	8/17/10	ND@1	ND@1	ND@1	ND@3	ND	6	ND@20	ND@10	ND@100	NA
	11/28/10	ND@1	ND@1	ND@1	ND@3	ND	3	ND@20	ND@10	ND@100	NA
	2/2/11	ND@1	ND@1	ND@1	ND@3	ND	3	ND@20	ND@10	ND@100	NA
	6/28/11	ND@1	ND@1	ND@1	ND@3	ND	**97**	ND@20	ND@10	ND@100	NA
	9/29/11	ND@1	ND@1	ND@1	ND@3	ND	**52**	ND@20	ND@10	ND@100	NA
	12/20/11	ND@1	ND@1	ND@1	ND@3	ND	15	ND@20	ND@10	ND@100	NA
	3/8/12	ND@1	ND@1	ND@1	ND@3	ND	6.8	ND@20	ND@10	ND@100	NA
	6/8/12	ND@1	ND@1	ND@1	ND@3	ND	6.9	ND@20	ND@10	ND@100	NA
	9/19/12	ND@1	ND@1	ND@1	ND@3	ND	1.8	ND@20	ND@10	ND@100	NA
	12/21/12	ND@1	ND@1	ND@1	ND@3	ND	8.2	ND@20	ND@10	ND@100	NA
	3/29/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	6/5/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	9/25/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	12/16/13	ND@1	ND@1	ND@1	ND@3	ND	**26**	ND@20	ND@10	ND@100	NA
	3/11/14	ND@1	ND@1	ND@1	ND@3	ND	14	ND@20	ND@10	ND@100	NA
	6/9/14	ND@1	ND@1	ND@1	ND@3	ND	1	ND@20	ND@10	ND@100	NA
	9/16/14	ND@1	ND@1	ND@1	ND@3	ND	11	ND@20	ND@10	ND@100	NA
	12/3/14	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	3/16/15	ND@1	ND@1	ND@1	ND@2	ND	2.3	ND@10	ND@1	ND@100	NA
	6/22/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	7/22/15	ND@1	ND@1	ND@1	ND@3	ND	1.8	ND@10	ND@1	ND@100	NA
	9/23/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/16/15	ND@1	ND@1	ND@1	ND@3	ND	6.6	ND@10	ND@1	ND@100	NA
	3/4/16	ND@1	ND@1	ND@1	ND@3	ND	1.7	ND@10	ND@1	ND@100	NA
	6/2/16	ND@1	ND@1	ND@1	ND@3	ND	2.5	ND@10	ND@1	ND@100	NA
	9/16/16	ND@1	ND@1	ND@1	ND@3	ND	5.1	ND@10	ND@1	ND@100	NA
	12/16/16	ND@1	ND@1	ND@1	ND@3	ND	2.2	ND@10	ND@1	ND@100	NA
	3/16/17	ND@1	ND@1	ND@1	ND@3	ND	6.0	ND@10	ND@1	ND@100	NA
	6/5/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	8/24/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/20/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/8/17	ND@1	3.39	ND@1	ND@3	3.39	ND@1	ND@10	ND@1	ND@100	NA
	3/26/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/29/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/11/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	10/19/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	11/21/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA

Table 1: Groundwater Analytical Results of Monitoring Well Sampling
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	TPH-DRO (mg/L)
MW-2	7/25/05	ND@1	ND@1	ND@1	ND@3	ND	1	ND@25	ND@25	NA	NA
	1/25/06	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@25	ND@25	NA	NA
	7/11/06	ND@1	ND@1	ND@1	ND@3	ND	ND@1	30	ND@25	NA	NA
	1/9/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	NA	NA
	6/14/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.5
	11/30/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.5
	2/14/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.5
	5/23/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.5
	8/7/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	12/3/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	2/12/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	5/12/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	8/19/09	ND@1	ND@1	ND@1	ND@3	ND	14	ND@20	ND@10	ND@100	NA
	11/4/09	ND@1	ND@1	ND@1	ND@3	ND	7	ND@20	ND@10	ND@100	NA
	2/26/10	ND@1	ND@1	ND@1	ND@3	ND	8	ND@20	ND@10	ND@100	NA
	5/13/10	ND@1	ND@1	ND@1	ND@3	ND	**31**	ND@20	ND@10	ND@100	NA
	8/17/10	ND@1	ND@1	ND@1	ND@3	ND	**53**	ND@20	ND@10	ND@100	NA
	11/28/10	ND@1	ND@1	ND@1	ND@3	ND	**35**	ND@20	ND@10	ND@100	NA
	2/2/11	ND@1	ND@1	ND@1	ND@3	ND	**59**	ND@20	ND@10	ND@100	NA
	6/28/11	ND@1	ND@1	ND@1	ND@3	ND	**71**	ND@20	ND@10	ND@100	NA
	9/29/11	ND@1	ND@1	ND@1	ND@3	ND	**41**	ND@20	ND@10	ND@100	NA
	12/20/11	ND@1	ND@1	ND@1	ND@3	ND	**29**	ND@20	ND@10	ND@100	NA
	3/8/12	ND@1	ND@1	ND@1	ND@3	ND	**28**	ND@20	ND@10	ND@100	NA
	6/8/12	ND@1	ND@1	ND@1	ND@3	ND	**33**	ND@20	ND@10	ND@100	NA
	9/19/12	ND@1	ND@1	ND@1	ND@3	ND	**50**	ND@20	ND@10	ND@100	NA
	12/21/12	ND@1	ND@1	ND@1	ND@3	ND	**27**	ND@20	ND@10	ND@100	NA
	3/29/13	ND@1	ND@1	ND@1	ND@3	ND	13	ND@20	ND@10	ND@100	NA
	6/5/13	ND@1	ND@1	ND@1	ND@3	ND	**29**	ND@20	ND@10	ND@100	NA
	9/25/13	ND@1	ND@1	ND@1	ND@3	ND	**31**	ND@20	ND@10	ND@100	NA
	12/16/13	ND@1	ND@1	ND@1	ND@3	ND	**31**	ND@20	ND@10	ND@100	NA
	3/11/14	ND@1	ND@1	ND@1	ND@3	ND	**23**	ND@20	ND@10	ND@100	NA
	6/9/14	ND@1	ND@1	ND@1	ND@3	ND	11	ND@20	ND@10	ND@100	NA
	9/16/14	ND@1	ND@1	ND@1	ND@3	ND	5	ND@20	ND@10	ND@100	NA
	12/3/14	ND@1	ND@1	ND@1	ND@3	ND	7.8	ND@20	ND@10	ND@100	NA
	3/16/14	ND@1	ND@1	ND@1	ND@2	ND	4.9	ND@10	ND@1	ND@100	NA
	6/22/15	ND@1	ND@1	ND@1	ND@3	ND	5.2	ND@10	ND@1	ND@100	NA
	7/22/15	ND@1	ND@1	ND@1	ND@3	ND	5.5	ND@10	ND@1	ND@100	NA
	9/23/15	ND@1	ND@1	ND@1	ND@3	ND	2.4	ND@10	ND@1	ND@100	NA
	12/16/15	ND@1	ND@1	ND@1	ND@3	ND	4.3	ND@10	ND@1	ND@100	NA
	3/4/16	ND@1	ND@1	ND@1	ND@3	ND	3.8	ND@10	ND@1	ND@100	NA
	6/2/16	ND@1	ND@1	ND@1	ND@3	ND	1.8	ND@10	ND@1	ND@100	NA
	9/16/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/16/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	3/16/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/5/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	8/24/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/20/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/8/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	3/26/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/29/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/11/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	10/19/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	11/20/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA

Table 1: Groundwater Analytical Results of Monitoring Well Sampling
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	TPH-DRO (mg/L)
MW-3	7/25/05	ND@1	ND@1	ND@1	ND@3	ND	**290**	180	ND@25	NA	NA
	1/25/06	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@25	ND@25	NA	NA
	7/11/06	ND@1	ND@1	ND@1	ND@3	ND	**390**	140	ND@25	NA	NA
	1/9/07	ND@1	ND@1	ND@1	ND@3	ND	4	ND@10	ND@10	NA	NA
	6/14/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.5
	11/30/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.5
	2/14/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.5
	5/23/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.5
	8/7/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	12/3/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	2/12/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	5/12/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	8/19/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	11/4/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	2/26/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/13/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	8/17/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	11/28/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	2/2/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/28/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	9/29/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	12/20/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	3/8/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	6/8/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	9/19/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	12/21/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	3/29/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	6/5/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	9/25/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	12/16/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	3/11/14	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	6/9/14	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	9/16/14	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	12/3/14	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	3/16/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/22/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	7/22/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/23/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/16/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	3/4/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/2/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/16/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/16/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	3/16/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/5/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	8/24/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/20/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/8/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	3/26/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/29/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/11/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	10/19/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	11/20/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA

Table 1: Groundwater Analytical Results of Monitoring Well Sampling
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	TPH-DRO (mg/L)
MW-4	7/25/05	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA
	1/25/06	ND@1	ND@1	ND@1	ND@3	ND	2	ND@25	ND@25	NA	NA
	7/11/06	ND@1	ND@1	ND@1	ND@3	ND	6	ND@25	ND@25	NA	NA
	1/9/07	ND@1	ND@1	ND@1	ND@3	ND	4	ND@10	ND@10	NA	NA
	6/14/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.5
	11/30/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.6
	2/14/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.5
	5/23/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.5
	8/7/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	12/3/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	2/12/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	5/12/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	8/19/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	11/4/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	2/26/10	ND@1	ND@1	ND@1	ND@3	ND	15	ND@20	ND@10	ND@100	NA
	5/13/10	ND@1	ND@1	ND@1	ND@3	ND	15	ND@20	ND@10	ND@100	NA
	8/17/10	ND@1	ND@1	ND@1	ND@3	ND	**64**	ND@20	ND@10	ND@100	NA
	11/28/10	ND@1	ND@1	ND@1	ND@3	ND	4	ND@20	ND@10	ND@100	NA
	2/2/11	ND@1	ND@1	ND@1	ND@3	ND	5	ND@20	ND@10	ND@100	NA
	6/28/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	9/29/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	12/20/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	3/8/12	ND@1	ND@1	ND@1	ND@3	ND	4.2	ND@20	ND@10	ND@100	NA
	6/8/12	ND@1	ND@1	ND@1	ND@3	ND	2.3	ND@20	ND@10	ND@100	NA
	9/19/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	12/21/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	3/29/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	6/5/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	9/25/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	12/16/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	3/11/14	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	6/9/14	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	9/16/14	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	12/3/14	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	3/16/14	ND@1	ND@1	ND@1	ND@2	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/22/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	7/22/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/23/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/16/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	3/4/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/2/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/16/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/16/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	3/16/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/5/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	8/24/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/20/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/8/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	3/26/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/29/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/11/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	10/19/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	11/20/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA

Table 1: Groundwater Analytical Results of Monitoring Well Sampling
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	TPH-DRO (mg/L)
MW-5	7/25/05	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA
	1/25/06	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@25	ND@25	NA	NA
	7/11/06	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@25	ND@25	NA	NA
	1/9/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	NA	NA
	6/14/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.5
	11/30/07	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.5
	2/14/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.5
	5/23/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@10	ND@100	ND@0.5
	8/7/08	ND@1	ND@1	ND@1	ND@3	ND	7	ND@20	ND@10	ND@100	ND@0.5
	12/3/08	ND@1	ND@1	ND@1	ND@3	ND	1	ND@20	ND@10	ND@100	ND@0.5
	2/12/09	ND@1	ND@1	ND@1	ND@3	ND	1	ND@20	ND@10	ND@100	ND@0.5
	5/12/09	ND@1	ND@1	ND@1	ND@3	ND	5	ND@20	ND@10	ND@100	ND@0.5
	8/19/09	ND@1	ND@1	ND@1	ND@3	ND	3	ND@20	ND@10	ND@100	NA
	11/4/09	ND@1	ND@1	ND@1	ND@3	ND	5	ND@20	ND@10	ND@100	NA
	2/26/10	ND@1	ND@1	ND@1	ND@3	ND	5	ND@20	ND@10	ND@100	NA
	5/13/10	ND@1	ND@1	ND@1	ND@3	ND	6	ND@20	ND@10	ND@100	NA
	8/17/10	ND@1	ND@1	ND@1	ND@3	ND	4	ND@20	ND@10	ND@100	NA
	11/28/10	ND@1	ND@1	ND@1	ND@3	ND	6	ND@20	ND@10	ND@100	NA
	2/2/11	ND@1	ND@1	ND@1	ND@3	ND	7	ND@20	ND@10	ND@100	NA
	6/28/11	ND@1	ND@1	ND@1	ND@3	ND	3	ND@20	ND@10	ND@100	NA
	9/29/11	ND@1	ND@1	ND@1	ND@3	ND	4	ND@20	ND@10	ND@100	NA
	12/20/11	ND@1	ND@1	ND@1	ND@3	ND	2.4	ND@20	ND@10	ND@100	NA
	3/8/12	ND@1	ND@1	ND@1	ND@3	ND	1.2	ND@20	ND@10	ND@100	NA
	6/8/12	ND@1	ND@1	ND@1	ND@3	ND	2.0	ND@20	ND@10	ND@100	NA
	9/19/12	ND@1	ND@1	ND@1	ND@3	ND	1.4	ND@20	ND@10	ND@100	NA
	12/21/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	3/29/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	6/5/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	9/25/13	ND@1	ND@1	ND@1	ND@3	ND	1.1	ND@20	ND@10	ND@100	NA
	12/16/13	ND@1	ND@1	ND@1	ND@3	ND	1.6	ND@20	ND@10	ND@100	NA
	3/11/14	ND@1	ND@1	ND@1	ND@3	ND	1.3	ND@20	ND@10	ND@100	NA
	6/9/14	ND@1	ND@1	ND@1	ND@3	ND	3.4	ND@20	ND@10	ND@100	NA
	9/16/14	ND@1	ND@1	ND@1	ND@3	ND	2.2	ND@20	ND@10	ND@100	NA
	12/3/14	ND@1	ND@1	ND@1	ND@3	ND	4.2	ND@20	ND@10	ND@100	NA
	3/16/15	ND@1	ND@1	ND@1	ND@2	ND	4.7	ND@10	ND@1	ND@100	NA
	6/22/15	ND@1	ND@1	ND@1	ND@3	ND	6.2	ND@10	ND@1	ND@100	NA
	7/22/15	ND@1	ND@1	ND@1	ND@3	ND	7.5	ND@10	ND@1	ND@100	NA
	9/23/15	ND@1	ND@1	ND@1	ND@3	ND	7.2	ND@10	ND@1	ND@100	NA
	12/16/15	ND@1	ND@1	ND@1	ND@3	ND	6.5	ND@10	ND@1	ND@100	NA
	3/4/16	ND@1	ND@1	ND@1	ND@3	ND	2.2	ND@10	ND@1	ND@100	NA
	6/2/16	ND@1	ND@1	ND@1	ND@3	ND	2.1	ND@10	ND@1	ND@100	NA
	9/16/16	ND@1	ND@1	ND@1	ND@3	ND	2.2	ND@10	ND@1	ND@100	NA
	12/16/16	ND@1	ND@1	ND@1	ND@3	ND	2.1	ND@10	ND@1	ND@100	NA
	3/16/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/5/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	8/24/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/20/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/8/17	ND@1	ND@1	ND@1	ND@3	ND	1.52	ND@10	ND@1	ND@100	NA
	3/26/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/29/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/11/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	10/19/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	11/20/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA

Table 1: Groundwater Analytical Results of Monitoring Well Sampling
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	TPH-DRO (mg/L)
MW-6	12/3/08	ND@100	ND@100	ND@100	ND@300	ND	**20,000**	ND@2000	ND@1000	**9,600**	ND@0.5
	2/12/09	ND@10	ND@10	ND@10	ND@30	ND	**15,000**	70	550	**2,800**	ND@0.5
	5/12/09	ND@1	ND@1	ND@1	ND@3	ND	**18,000**	470	640	**2,700**	ND@0.5
	8/19/09	ND@1	ND@1	ND@1	ND@3	ND	**17,000**	810	450	**3,300**	NA
	11/4/09	ND@1	ND@1	ND@1	ND@3	ND	**17,000**	1,500	370	**33,000**	NA
	2/26/10	ND@1	ND@1	ND@1	ND@3	ND	**14,000**	3,600	230	**16,000**	NA
	5/13/10	ND@1	ND@1	ND@1	ND@3	ND	**12,000**	3,400	180	**15,000**	NA
	6/11/10	ND@1	ND@1	ND@1	ND@3	ND	**11,000**	4,500	230	**14,000**	NA
	8/17/10	ND@1	ND@1	ND@1	ND@3	ND	**14,000**	1,300	250	**19,000**	NA
	11/28/10	ND@1	ND@1	ND@1	ND@3	ND	**11,000**	2,500	200	**12,000**	NA
	2/2/11	ND@1	ND@1	ND@1	ND@3	ND	**9,300**	1,500	180	**14,000**	NA
	5/26/11	ND@1	ND@1	ND@1	ND@3	ND	**6,700**	400	100	**8,600**	NA
	6/28/11	ND@1	ND@1	ND@1	ND@3	ND	**7,900**	910	90	**8,400**	NA
	9/29/11	ND@1	ND@1	ND@1	ND@3	ND	**8,600**	ND@2000	ND@1000	**4,400**	NA
	12/20/11	ND@1	ND@1	ND@1	ND@3	ND	**6,500**	460	76	**5,100**	NA
	3/8/12	ND@1	ND@1	ND@1	ND@3	ND	**3,200**	210	ND@50	**4,200**	NA
	6/8/12	ND@5	ND@5	ND@5	ND@15	ND	**2,600**	150	ND@50	**3,200**	NA
	9/19/12	ND@1	ND@1	ND@1	ND@3	ND	**2,200**	100	23	**2,300**	NA
	12/21/12	ND@1	ND@1	ND@1	ND@3	ND	**1,900**	58	21	**1,700**	NA
	3/29/13	ND@1	ND@1	ND@1	ND@3	ND	**890**	ND@100	ND@50	**910**	NA
	6/5/13	ND@1	ND@1	ND@1	ND@3	ND	**1,100**	32	12	**1,000**	NA
	9/25/13	ND@1	ND@1	ND@1	ND@3	ND	**1,100**	26	12	**690**	NA
	12/16/13	ND@1	ND@1	ND@1	ND@3	ND	**1,900**	ND@100	ND@50	**2,500**	NA
	3/11/14	ND@1	ND@1	ND@1	ND@3	ND	**1,100**	ND@100	ND@50	**1,900**	NA
	6/9/14	ND@1	ND@1	ND@1	ND@3	ND	**720**	ND@100	ND@50	**720**	NA
	9/16/14	ND@1	ND@1	ND@1	ND@3	ND	**630**	ND@100	ND@50	**640**	NA
	12/3/14	ND@1	ND@1	ND@1	ND@3	ND	**600**	ND@20	ND@10	**500**	NA
	3/16/15	ND@1	ND@1	ND@1	ND@2	ND	**78**	ND@10	ND@1	ND@100	NA
	6/22/15	ND@1	ND@1	ND@1	ND@3	ND	**196**	ND@10	1.23	ND@100	NA
	7/22/15	ND@1	ND@1	ND@1	ND@3	ND	**200**	ND@10	1.61	ND@100	NA
	9/23/15	ND@1	ND@1	ND@1	ND@3	ND	**139**	ND@10	1.11	**125**	NA
	12/16/15	ND@1	ND@1	ND@1	ND@3	ND	**82.2**	ND@10	ND@1	ND@100	NA
	3/4/16	ND@1	ND@1	ND@1	ND@3	ND	**36.6**	ND@10	ND@1	ND@100	NA
	6/2/16	ND@1	ND@1	ND@1	ND@3	ND	**29.9**	ND@10	ND@1	ND@100	NA
	9/16/16	ND@1	ND@1	ND@1	ND@3	ND	**23.8**	ND@10	ND@1	ND@100	NA
	12/16/16	ND@1	ND@1	ND@1	ND@3	ND	8.59	ND@10	ND@1	ND@100	NA
	3/16/17	ND@1	ND@1	ND@1	ND@3	ND	4.65	ND@10	ND@1	ND@100	NA
	6/5/17	ND@1	ND@1	ND@1	ND@3	ND	1.86	ND@10	ND@1	ND@100	NA
	8/24/17	ND@1	ND@1	ND@1	ND@3	ND	3.25	ND@10	ND@1	ND@100	NA
	9/20/17	ND@1	ND@1	ND@1	ND@3	ND	4.32	ND@10	ND@1	ND@100	NA
	12/8/17	ND@1	ND@1	ND@1	ND@3	ND	3.79	ND@10	ND@1	ND@100	NA
	3/26/18	ND@1	ND@1	ND@1	ND@3	ND	3.38	ND@10	ND@1	ND@100	NA
	6/29/18	ND@1	ND@1	ND@1	ND@3	ND	1.70	ND@10	ND@1	ND@100	NA
	9/11/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	10/19/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	11/21/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA

Table 1: Groundwater Analytical Results of Monitoring Well Sampling
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	TPH-DRO (mg/L)
MW-7	12/3/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	2/12/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	5/12/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	8/19/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	11/4/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	2/26/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	5/13/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	8/17/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	11/28/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	2/2/11	ND@1	ND@1	ND@1	ND@3	ND	**160**	ND@20	ND@10	ND@100	NA
	6/28/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	9/29/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	12/20/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	3/8/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	6/8/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	9/19/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	12/21/12	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	3/29/13	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	6/5/13	ND@1	ND@1	ND@1	ND@3	ND	4.8	ND@20	ND@10	ND@100	NA
	9/25/13	ND@1	ND@1	ND@1	ND@3	ND	19	ND@20	ND@10	ND@100	NA
	12/16/13	ND@1	ND@1	ND@1	ND@3	ND	1.2	ND@20	ND@10	ND@100	NA
	3/11/14	ND@1	ND@1	ND@1	ND@3	ND	15	ND@20	ND@10	ND@100	NA
	6/9/14	ND@1	ND@1	ND@1	ND@3	ND	2.5	ND@20	ND@10	ND@100	NA
	9/16/14	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	12/3/14	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	3/16/15	ND@1	ND@1	ND@1	ND@2	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/22/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	7/22/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/23/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/16/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	3/4/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/2/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/16/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/16/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	3/16/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/5/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	8/24/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/20/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/8/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	3/26/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/29/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/11/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	10/19/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	11/21/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA

Table 1: Groundwater Analytical Results of Monitoring Well Sampling
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	TPH-DRO (mg/L)
MW-8	12/3/08	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	2/12/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	5/12/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	ND@0.5
	8/19/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	11/4/09	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	2/26/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	5/13/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	8/17/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	11/28/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	2/2/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	6/28/11	ND@1	ND@1	ND@1	ND@3	ND	**38**	ND@20	ND@10	ND@100	NA
	9/29/11	ND@1	ND@1	ND@1	ND@3	ND	**66**	ND@20	ND@10	ND@100	NA
	12/20/11	ND@1	ND@1	ND@1	ND@3	ND	**69**	ND@20	ND@10	ND@100	NA
	3/8/12	ND@1	ND@1	ND@1	ND@3	ND	**200**	ND@20	ND@10	**290**	NA
	6/8/12	ND@1	ND@1	ND@1	ND@3	ND	**420**	ND@20	12	**570**	NA
	9/19/12	ND@1	ND@1	ND@1	ND@3	ND	**500**	54	17	**580**	NA
	12/21/12	ND@1	ND@1	ND@1	ND@3	ND	**940**	110	38	**1,000**	NA
	3/29/13	ND@1	ND@1	ND@1	ND@3	ND	**1,100**	150	55	**1,000**	NA
	6/5/13	ND@1	ND@1	ND@1	ND@3	ND	**1,200**	180	50	**1,200**	NA
	9/25/13	ND@1	ND@1	ND@1	ND@3	ND	**1,200**	150	48	**1,000**	NA
	12/16/13	ND@1	ND@1	ND@1	ND@3	ND	**530**	ND@20	ND@10	**600**	NA
	3/11/14	ND@1	ND@1	ND@1	ND@3	ND	**1,000**	ND@20	ND@10	**890**	NA
	6/9/14	ND@1	ND@1	ND@1	ND@3	ND	**420**	ND@20	ND@10	**350**	NA
	9/16/14	ND@1	ND@1	ND@1	ND@3	ND	**60**	ND@20	ND@10	ND@100	NA
	12/3/14	ND@1	ND@1	ND@1	ND@3	ND	16	ND@20	ND@10	ND@100	NA
	3/16/15	ND@1	ND@1	ND@1	ND@2	ND	8.1	ND@10	ND@1	ND@100	NA
	6/22/15	ND@1	ND@1	ND@1	ND@3	ND	3.5	ND@10	ND@1	ND@100	NA
	7/22/15	ND@1	ND@1	ND@1	ND@3	ND	2.5	ND@10	ND@1	ND@100	NA
	9/23/15	ND@1	ND@1	ND@1	ND@3	ND	**308**	25.1	5.86	**246**	NA
	12/16/15	ND@1	ND@1	ND@1	ND@3	ND	4.5	ND@10	ND@1	ND@100	NA
	2/4/16	ND@1	ND@1	ND@1	ND@3	ND	3.3	2.64 J	ND@1	NA	NA
	2/16/16	ND@1	ND@1	ND@1	ND@3	ND	14.7	ND@10	ND@1	ND@100	NA
	3/4/16	ND@1	ND@1	ND@1	ND@3	ND	4.4	ND@10	ND@1	ND@100	NA
	3/16/16	ND@1	ND@1	ND@1	ND@3	ND	**101**	ND@10	2.37	ND@100	NA
	4/4/16	ND@1	ND@1	ND@1	ND@3	ND	3.2	ND@10	ND@1	ND@100	NA
	4/20/16	ND@1	10.5	ND@1	ND@3	10.5	**246**	48.1	5.95	**201**	NA
	5/5/16	ND@1	ND@1	ND@1	ND@3	ND	5.6	23.7	ND@1	ND@100	NA
	5/19/16	ND@1	1.17	ND@1	ND@3	1.17	**267**	25	5.24	**264**	NA
	6/2/16	ND@1	ND@1	ND@1	ND@3	ND	4.9	ND@10	ND@1	ND@100	NA
	6/14/16	ND@1	ND@1	ND@1	ND@3	ND	**152**	18.6	3	**122**	NA
	7/14/16	ND@1	ND@1	ND@1	ND@3	ND	**178**	96.5	2.94	**172**	NA
	8/1/16	ND@1	ND@1	ND@1	ND@3	ND	4.01	ND@10	ND@1	ND@100	NA
	8/16/16	ND@1	ND@1	ND@1	ND@3	ND	**125**	ND@10	2.06	ND@100	NA
	9/3/16	ND@1	ND@1	ND@1	ND@3	ND	**84.4**	ND@10	ND@1	ND@100	NA
	9/16/16	ND@1	ND@1	ND@1	ND@3	ND	3.3	ND@10	ND@1	ND@100	NA
	10/4/16	ND@1	ND@1	ND@1	ND@3	ND	**156**	12.4	2.84	**193**	NA
	10/17/16	ND@1	ND@1	ND@1	ND@3	ND	6.7	ND@10	ND@1	ND@100	NA
	11/1/16	ND@1	ND@1	ND@1	ND@3	ND	**25.7**	ND@10	ND@1	ND@100	NA
	11/21/16	ND@1	ND@1	ND@1	ND@3	ND	3.3	ND@10	ND@1	ND@100	NA
	12/16/16	ND@1	ND@1	ND@1	ND@3	ND	**79.6**	ND@10	ND@1	ND@100	NA
	12/31/16	ND@1	ND@1	ND@1	ND@3	ND	**24.2**	ND@10	ND@1	ND@100	NA

Table 1: Groundwater Analytical Results of Monitoring Well Sampling
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	TPH-DRO (mg/L)
MW-8 Continued	1/11/17	ND@1	ND@1	ND@1	ND@3	ND	6.7	ND@10	ND@1	ND@100	NA
	1/27/17	ND@1	ND@1	ND@1	ND@3	ND	3.4	ND@10	ND@1	ND@100	NA
	2/10/17	ND@1	ND@1	ND@1	ND@3	ND	4.7	ND@10	ND@1	ND@100	NA
	2/28/17	ND@1	ND@1	ND@1	ND@3	ND	3.2	ND@10	ND@1	ND@100	NA
	3/16/17	ND@1	ND@1	ND@1	ND@3	ND	3.6	ND@10	ND@1	ND@100	NA
	3/29/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	4/7/17	ND@1	ND@1	ND@1	ND@3	ND	8.94	ND@10	ND@1	ND@100	NA
	4/24/17	ND@1	ND@1	ND@1	ND@3	ND	3.35	ND@10	ND@1	ND@100	NA
	5/2/17	ND@1	ND@1	ND@1	ND@3	ND	12.1	ND@10	ND@1	ND@100	NA
	5/24/17	ND@1	ND@1	ND@1	ND@3	ND	**47.9**	ND@10	ND@1	ND@100	NA
	6/5/17	ND@1	ND@1	ND@1	ND@3	ND	**47.2**	ND@10	ND@1	ND@100	NA
	6/28/17	ND@1	ND@1	ND@1	ND@3	ND	**89.6**	ND@10	1.46	ND@100	NA
	7/24/17	ND@1	ND@1	ND@1	ND@3	ND	**107**	NA	NA	**134**	NA
	8/24/17	ND@1	ND@1	ND@1	ND@3	ND	**273**	ND@10	5.35	**289**	NA
	9/20/17	ND@1	ND@1	ND@1	ND@3	ND	**329**	16.2	6.30	**434**	NA
	10/13/17	ND@1	ND@1	ND@1	ND@3	ND	**34.3**	NA	NA	ND@100	NA
	10/23/17	ND@1	ND@1	ND@1	ND@3	ND	7.02	NA	NA	ND@100	NA
	11/8/17	ND@1	ND@1	ND@1	ND@3	ND	3.33	NA	NA	ND@100	NA
	11/27/17	ND@1	ND@1	ND@1	ND@3	ND	**164**	NA	NA	**153**	NA
	12/8/17	ND@1	ND@1	ND@1	ND@3	ND	5.65	ND@10	ND@1	ND@100	NA
	12/26/17	ND@1	3.89	ND@1	ND@3	3.89	**28**	NA	NA	ND@100	NA
	1/9/18	ND@1	ND@1	ND@1	ND@3	ND	**89**	NA	NA	ND@100	NA
	1/25/18	ND@1	ND@1	ND@1	ND@3	ND	**59.6**	NA	NA	ND@100	NA
	2/6/18	ND@1	ND@1	ND@1	ND@3	ND	**47.4**	NA	NA	ND@100	NA
	2/19/18	ND@1	ND@1	ND@1	ND@3	ND	**48.8**	NA	NA	ND@100	NA
	3/12/18	ND@1	ND@1	ND@1	ND@3	ND	**41.2**	NA	NA	ND@100	NA
	3/26/18	ND@1	ND@1	ND@1	ND@3	ND	**21.2**	ND@10	ND@1	ND@100	NA
	4/17/18	ND@1	ND@1	ND@1	ND@3	ND	18.3	NA	NA	ND@100	NA
	4/30/18	ND@1	ND@1	ND@1	ND@3	ND	18	NA	NA	ND@100	NA
	5/17/18	ND@1	ND@1	ND@1	ND@3	ND	10.2	NA	NA	ND@100	NA
	6/29/18	ND@1	ND@1	ND@1	ND@3	ND	**45.4**	ND@10	ND@1	ND@100	NA
	7/17/18	ND@1	ND@1	ND@1	ND@3	ND	6.33	NA	NA	ND@100	NA
	9/11/18	ND@1	ND@1	ND@1	ND@3	ND	11.8	NA	NA	ND@100	NA
	10/19/18	ND@1	ND@1	ND@1	ND@3	ND	**41.4**	ND@10	ND@1	ND@100	NA
	11/20/18	ND@1	ND@1	ND@1	ND@3	ND	**103**	ND@10	1.84	ND@100	NA

Table 1: Groundwater Analytical Results of Monitoring Well Sampling
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	TPH-DRO (mg/L)
MW-9	6/11/10	ND@1	ND@1	ND@1	ND@3	ND	18	ND@20	ND@10	ND@100	NA
	8/17/10	ND@1	ND@1	ND@1	ND@3	ND	**32**	ND@20	ND@10	ND@100	NA
	11/28/10	ND@1	ND@1	ND@1	ND@3	ND	**40**	ND@20	ND@10	ND@100	NA
	2/2/11	ND@1	ND@1	ND@1	ND@3	ND	**130**	ND@20	ND@10	**140**	NA
	6/28/11	ND@1	ND@1	ND@1	ND@3	ND	**340**	ND@20	ND@10	**350**	NA
	9/29/11	ND@1	ND@1	ND@1	ND@3	ND	**520**	ND@20	ND@10	**340**	NA
	12/20/11	ND@5	ND@5	ND@5	ND@15	ND	**440**	ND@100	ND@50	**390**	NA
	3/8/12	ND@5	ND@5	ND@5	ND@15	ND	**240**	30	ND@10	**390**	NA
	6/8/12	ND@1	ND@1	ND@1	ND@3	ND	**290**	34	ND@10	**380**	NA
	9/19/12	ND@1	ND@1	ND@1	ND@3	ND	**820**	190	34	**920**	NA
	12/21/12	ND@1	ND@1	ND@1	ND@3	ND	**360**	52	14	**360**	NA
	3/29/13	ND@1	ND@1	ND@1	ND@3	ND	**280**	35	12	**330**	NA
	6/5/13	ND@1	ND@1	ND@1	ND@3	ND	**490**	83	21	**540**	NA
	9/25/13	ND@1	ND@1	ND@1	ND@3	ND	**1,200**	220	51	**980**	NA
	12/16/13	ND@1	ND@1	ND@1	ND@3	ND	**240**	ND@20	ND@10	**290**	NA
	3/11/14	ND@1	ND@1	ND@1	ND@3	ND	**3,500**	840	140	**3,800**	NA
	6/9/14	ND@1	ND@1	ND@1	ND@3	ND	**760**	ND@20	21	**660**	NA
	9/16/14	ND@1	ND@1	ND@1	ND@3	ND	**450**	ND@20	21	**470**	NA
	12/3/14	ND@1	ND@1	ND@1	ND@3	ND	**310**	ND@20	ND@10	**260**	NA
	3/16/15	ND@1	ND@1	ND@1	ND@3	ND	**426**	ND@10	3.3	**405**	NA
	6/22/15	ND@1	ND@1	ND@1	ND@3	ND	**113**	ND@10	ND@1	ND@100	NA
	7/22/15	ND@1	ND@1	ND@1	ND@3	ND	**105**	ND@10	1.1	ND@100	NA
	9/23/15	ND@1	ND@1	ND@1	ND@3	ND	**634**	31.1	12.3	**494**	NA
	12/16/15	ND@1	ND@1	ND@1	ND@3	ND	**151**	ND@10	1.6	**141**	NA
	2/4/16	ND@1	ND@1	ND@1	ND@3	ND	**72.9**	7.35	0.464 J	NA	NA
	2/16/16	ND@1	ND@1	ND@1	ND@3	ND	**180**	16.3	4.6	**115**	NA
	3/4/16	ND@1	ND@1	ND@1	ND@3	ND	**104**	ND@10	ND@1	ND@100	NA
	3/16/16	ND@1	ND@1	ND@1	ND@3	ND	**48.3**	ND@10	1.44	ND@100	NA
	4/4/16	ND@1	ND@1	ND@1	ND@3	ND	**48.4**	ND@10	ND@1	ND@100	NA
	4/20/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	5/5/16	ND@1	ND@1	ND@1	ND@3	ND	**71.4**	ND@10	ND@1	ND@100	NA
	5/19/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/2/16	ND@1	ND@1	ND@1	ND@3	ND	**54.5**	ND@10	ND@1	ND@100	NA
	6/14/16	ND@1	ND@1	ND@1	ND@3	ND	**1,330**	290	33.8	**1,240**	NA
	7/14/16	ND@1	ND@1	ND@1	ND@3	ND	6.70	ND@10	ND@1	ND@100	NA
	8/1/16	ND@1	ND@1	ND@1	ND@3	ND	**35.5**	ND@10	ND@1	ND@100	NA
	8/16/16	ND@1	ND@1	ND@1	ND@3	ND	2.49	ND@10	ND@1	ND@100	NA
	9/3/16	ND@1	ND@1	ND@1	ND@3	ND	**189**	ND@10	3.29	**129**	NA
	9/16/16	ND@1	ND@1	ND@1	ND@3	ND	17	ND@10	3.29	ND@100	NA
	10/4/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	10/17/16	ND@1	ND@1	ND@1	ND@3	ND	**20.4**	ND@10	ND@1	ND@100	NA
	11/1/16	ND@1	ND@1	ND@1	ND@3	ND	**1,190**	164	32	**560**	NA
	11/21/16	ND@1	ND@1	ND@1	ND@3	ND	7.43	ND@10	ND@1	ND@100	NA
	12/16/16	ND@1	ND@1	ND@1	ND@3	ND	**733**	49.5	17.2	**627**	NA
	12/31/16	ND@1	ND@1	ND@1	ND@3	ND	**106**	ND@10	1.62	**112**	NA
	1/11/17	ND@1	ND@1	ND@1	ND@3	ND	**21.7**	ND@10	ND@1	ND@100	NA
	1/27/17	ND@1	ND@1	ND@1	ND@3	ND	6.8	ND@10	ND@1	ND@100	NA
	2/10/17	ND@1	ND@1	ND@1	ND@3	ND	5.4	ND@10	ND@1	ND@100	NA
	3/28/17	ND@1	ND@1	ND@1	ND@3	ND	3.8	ND@10	ND@1	ND@100	NA
	3/16/17	ND@1	ND@1	ND@1	ND@3	ND	3.6	ND@10	ND@1	ND@100	NA
	3/29/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA

Table 1: Groundwater Analytical Results of Monitoring Well Sampling
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	TPH-DRO (mg/L)
MW-9 Continued	4/7/17	ND@1	ND@1	ND@1	ND@3	ND	17.9	ND@10	ND@1	ND@100	NA
	4/24/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	5/2/17	ND@1	ND@1	ND@1	ND@3	ND	19.1	ND@10	ND@1	ND@100	NA
	5/24/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/5/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/28/17	ND@1	ND@1	ND@1	ND@3	ND	4.74	ND@10	ND@1	ND@100	NA
	7/24/17	ND@1	ND@1	ND@1	ND@3	ND	**26.5**	NA	NA	ND@100	NA
	8/24/17	ND@1	ND@1	ND@1	ND@3	ND	**203**	ND@10	4.44	**250**	NA
	9/20/17	ND@1	ND@1	ND@1	ND@3	ND	**266**	11.6	5.01	**356**	NA
	10/13/17	ND@1	ND@1	ND@1	ND@3	ND	**99.3**	NA	NA	**128**	NA
	10/23/17	ND@1	ND@1	ND@1	ND@3	ND	8.09	NA	NA	ND@100	NA
	11/8/17	ND@1	ND@1	ND@1	ND@3	ND	9.38	NA	NA	ND@100	NA
	11/27/17	ND@1	ND@1	ND@1	ND@3	ND	**119**	NA	NA	**147**	NA
	12/8/17	ND@1	ND@1	ND@1	ND@3	ND	18.7	ND@10	ND@1	ND@100	NA
	12/26/17	ND@1	ND@1	ND@1	ND@3	ND	10.2	NA	NA	ND@100	NA
	1/9/18	ND@1	ND@1	ND@1	ND@3	ND	**165**	NA	NA	**150**	NA
	1/25/18	ND@1	ND@1	ND@1	ND@3	ND	**125**	NA	NA	**103**	NA
	2/6/18	ND@1	ND@1	ND@1	ND@3	ND	**40.4**	NA	NA	ND@100	NA
	2/19/18	ND@1	ND@1	ND@1	ND@3	ND	**72.8**	NA	NA	ND@100	NA
	3/12/18	ND@1	ND@1	ND@1	ND@3	ND	**51.7**	NA	NA	ND@100	NA
	3/26/18	ND@1	ND@1	ND@1	ND@3	ND	**75.4**	ND@10	1.14	ND@100	NA
	4/17/18	ND@1	ND@1	ND@1	ND@3	ND	**83**	NA	NA	ND@100	NA
	4/30/18	ND@1	ND@1	ND@1	ND@3	ND	**47.1**	NA	NA	ND@100	NA
	5/17/18	ND@1	ND@1	ND@1	ND@3	ND	17.5	NA	NA	ND@100	NA
	6/29/18	ND@1	ND@1	ND@1	ND@3	ND	**26.9**	ND@10	ND@1	ND@100	NA
	7/17/18	ND@1	ND@1	ND@1	ND@3	ND	**43.8**	NA	NA	ND@100	NA
	9/11/18	ND@1	ND@1	ND@1	ND@3	ND	5.92	ND@10	ND@1	ND@100	NA
	10/19/18	ND@1	ND@1	ND@1	ND@3	ND	5.39	ND@10	ND@1	ND@100	NA
	11/20/18	ND@1	ND@1	ND@1	ND@3	ND	17.6	ND@10	ND@1	ND@100	NA

Table 1: Groundwater Analytical Results of Monitoring Well Sampling
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	TPH-DRO (mg/L)
MW-10	6/11/10	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	8/17/10	10	3	ND@1	ND@3	13	ND@1	ND@20	ND@10	ND@100	NA
	11/28/10	12	2	ND@1	ND@3	14	ND@1	ND@20	ND@10	ND@100	NA
	2/2/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	6/28/11	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	9/29/11	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	NA
	12/20/11	ND@1	ND@1	ND@1	ND@3	ND	16	ND@20	ND@10	ND@100	NA
	3/8/12	ND@1	ND@1	ND@1	ND@3	ND	10	ND@20	ND@10	ND@100	NA
	6/8/12	ND@1	ND@1	ND@1	ND@3	ND	**38**	ND@20	ND@10	ND@100	NA
	9/19/12	ND@1	ND@1	ND@1	ND@3	ND	**170**	ND@20	ND@10	**190**	NA
	12/21/12	ND@1	ND@1	ND@1	ND@3	ND	**97**	ND@20	ND@10	ND@100	NA
	3/29/13	ND@1	ND@1	ND@1	ND@3	ND	**230**	22	ND@10	**290**	NA
	6/5/13	ND@1	ND@1	ND@1	ND@3	ND	**88**	ND@20	ND@10	ND@100	NA
	9/25/13	ND@1	ND@1	ND@1	ND@3	ND	**200**	ND@20	ND@10	**1,200**	NA
	12/16/13	ND@1	ND@1	ND@1	ND@3	ND	2	ND@20	ND@10	ND@100	NA
	3/11/14	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	6/9/14	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	9/16/14	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	12/3/14	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@20	ND@10	ND@100	NA
	3/16/15	ND@1	ND@1	ND@1	ND@2	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/22/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	7/22/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/23/15	ND@1	ND@1	ND@1	ND@3	ND	1.14	ND@10	ND@1	ND@100	NA
	12/16/15	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	2/4/16	ND@1	ND@1	ND@1	ND@3	ND	0.518 J	ND@10	ND@1	ND@100	NA
	2/16/16	ND@1	ND@1	ND@1	ND@3	ND	7.36	ND@10	ND@1	ND@100	NA
	3/4/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	3/16/16	ND@1	ND@1	ND@1	ND@3	ND	1.62	ND@10	ND@1	ND@100	NA
	4/4/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	4/20/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	5/5/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	16.1	ND@1	ND@100	NA
	5/19/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/2/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/14/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	7/14/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	8/1/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	8/16/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/3/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	9/16/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	10/4/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	10/17/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	11/1/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	11/21/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/16/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/31/16	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	1/11/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	1/27/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	2/10/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	2/28/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	3/16/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	3/29/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA

Table 1: Groundwater Analytical Results of Monitoring Well Sampling
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	TPH-DRO (mg/L)
MW-10 Continued	4/7/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	4/24/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	5/2/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	5/24/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/5/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	6/28/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	7/24/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	8/24/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	9/20/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	10/13/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	10/23/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	11/8/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	11/27/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	12/8/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	12/26/17	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	1/9/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	1/25/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	2/6/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	2/19/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	3/12/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	3/26/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	4/17/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	4/30/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	5/17/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	6/29/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	7/17/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	NA	NA	ND@100	NA
	9/11/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	10/19/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA
	11/20/18	ND@1	ND@1	ND@1	ND@3	ND	ND@1	ND@10	ND@1	ND@100	NA

Table 1: Groundwater Analytical Results of Monitoring Well Sampling
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	TPH-DRO (mg/L)
INJ-1	11/4/09	ND@1	ND@1	ND@1	ND@3	ND	**23,000**	3,600	290	**44,000**	NA
	2/26/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
INJ-2	11/4/09	ND@1	ND@1	ND@1	ND@3	ND	**8,900**	ND@20	140	**17,000**	NA
	2/26/10	ND@1	ND@1	ND@1	ND@3	ND	**26,000**	5,200	170	**29,000**	NA
INJ-3	11/4/09	ND@1	ND@1	ND@1	ND@3	ND	**660**	ND@20	25	**880**	NA
	2/26/10	ND@1	ND@1	ND@1	ND@3	ND	**330**	88	ND@10	**330**	NA
INJ-4	11/4/09	ND@1	ND@1	ND@1	ND@3	ND	**360**	ND@20	ND@10	**480**	NA
	2/26/10	ND@1	ND@1	ND@1	ND@3	ND	**110**	24	ND@10	**110**	NA
7-11 Potable Well	7/1/05	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@5	ND@5	NA	NA
	1/25/06	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@5	ND@5	NA	NA
	7/11/06	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@5	ND@5	NA	NA
	1/9/07	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@10	ND@10	NA	NA
	6/14/07	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@0.5	ND@0.5	ND@100	ND@0.5
	11/30/07	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@0.5	ND@0.5	NA	NA
	5/23/08	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@0.5	ND@0.5	ND@100	ND@0.5
	8/7/08	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@20	ND@5	NA	NA
	12/3/08	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@20	ND@5	NA	NA
	5/12/09	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@20	ND@5	NA	NA
	3/4/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@20	ND@5	NA	NA
	8/17/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	0.8	ND@20	ND@5	NA	NA
	1/4/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	1.6	ND@20	ND@5	NA	NA
	1/25/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	2	ND@20	ND@5	NA	NA
	6/28/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	1.6	ND@20	ND@5	NA	NA
	2/17/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@20	ND@5	NA	NA
	6/26/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	1.7	ND@10	ND@0.5	NA	NA
	9/19/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@20	ND@5	NA	NA
	9/25/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@20	ND@5	NA	NA
	3/11/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@20	ND@5	NA	NA
	6/9/14	NOT SAMPLED - MDE APPROVED CHANGE TO ANNUAL									
	9/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@20	ND@5	NA	NA
	10/7/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@20	ND@5	NA	NA
	9/27/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@20	ND@5	NA	NA
	9/20/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	1.02	ND@20	ND@5	NA	NA
	9/18/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@20	ND@5	NA	NA
	10/19/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	ND	ND@0.5	ND@20	ND@5	NA	NA
MDE CLEANUP STD		**5**	**1,000**	**700**	**10,000**	**--**	**20**	--	--	**47**	**47**

BTEX - Total Benzene, Toluene, Ethylbenzene and Xylenes
MTBE - Methyl Tert-Butyl Ether
TBA - Tert-Butyl Alcohol
TAME - Tert-Amyl Methyl Ether
µg/L - micrograms-per-liter
Bold - indicates level above the MDE Cleanup Standard

ND@x - not detected above laboratory detection level of x
ND - not detected
NI - not installed
NA - not analyzed
NS - inaccessible
E - estimated result; exceeds calibration range

Table 2: 124 Hanover Pike Sampling Results
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Diisopropyl Ether
124 Hanover Pike - Influent	4/1/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**3,100**	480	73	**2,100**	16
	4/15/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**2,500**	300 E	60	**2,000**	13
	6/1/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**1,600**	340	46	**1,600**	12
	6/8/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**1,500**	380	66	**1,400**	13
	6/17/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**920**	41	21	**840**	9
	6/22/10	ND@5	ND@5	ND@5	ND@15	BDL	**1,500**	ND@200	ND@50	NA	ND@50
	6/29/10	ND@5	ND@5	ND@5	ND@15	BDL	**900**	88	19	NA	8
	7/6/10	ND@5	ND@5	ND@5	ND@15	BDL	**860**	97	23	NA	10
	7/13/10	ND@5	ND@5	ND@5	ND@15	BDL	**750**	190	24	NA	8
	7/20/10	ND@5	ND@5	ND@5	ND@15	BDL	**770**	130	21	NA	7
	7/27/10	ND@5	ND@5	ND@5	ND@15	BDL	**1,300**	280	33	NA	11
	7/27/10	ND@5	ND@5	ND@5	ND@15	BDL	**1,300**	280	33	NA	11
	8/10/10	ND@5	ND@5	ND@5	ND@15	BDL	**480**	ND@200	ND@50	NA	ND@50
	8/24/10	ND@5	ND@5	ND@5	ND@15	BDL	**1,700**	230	42	NA	10
	8/27/10	--	--	--	--	--	--	--	--	--	--
	9/9/10	ND@5	ND@5	ND@5	ND@15	BDL	**820**	79	24	NA	8
	9/21/10	ND@5	ND@5	ND@5	ND@15	BDL	**750**	52	15	NA	8
	10/5/10	ND@5	ND@5	ND@5	ND@15	BDL	**590**	ND@50	6	NA	9
	10/18/10	ND@5	ND@5	ND@5	ND@15	BDL	**1,400**	65	34	NA	11
	11/2/10	ND@5	ND@5	ND@5	ND@15	BDL	**1,700**	230	43	NA	12
	11/16/10	ND@5	ND@5	ND@5	ND@15	BDL	**1,200**	180	32	NA	10
	11/30/10	ND@5	ND@5	ND@5	ND@15	BDL	**1,800**	310	50	NA	13
	12/14/10	ND@5	ND@5	ND@5	ND@15	BDL	**1,500**	220	42	NA	13
	12/28/10	ND@5	ND@5	ND@5	ND@15	BDL	**1,600**	330	46	NA	13
	1/11/11	ND@5	ND@5	ND@5	ND@15	BDL	**820**	530	41	NA	13
	1/25/11	ND@5	ND@5	ND@5	ND@15	BDL	**1,700**	ND@400	ND@100	NA	ND@100
	2/8/11	ND@5	ND@5	ND@5	ND@15	BDL	**1,700**	190	45	NA	13
	3/1/11	ND@5	ND@5	ND@5	ND@15	BDL	**1,300**	78	36	NA	13
	3/15/11	ND@5	ND@5	ND@5	ND@15	BDL	**980**	53	24	NA	10
	4/12/11	ND@5	ND@5	ND@5	ND@15	BDL	**1,400**	120	39	NA	12
	5/11/11	ND@5	ND@5	ND@5	ND@15	BDL	**1,900**	180	46	NA	13
	6/14/11	ND@5	ND@5	ND@5	ND@15	BDL	**1,700**	120	42	NA	14
	7/12/11	ND@5	ND@5	ND@5	ND@15	BDL	**1,200**	ND@20	25	NA	11
	8/16/11	ND@5	ND@5	ND@5	ND@15	BDL	**870**	ND@20	18	NA	8
	9/12/11	ND@5	ND@5	ND@5	ND@15	BDL	**1,400**	68	33	NA	13
	10/14/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**1,700**	130	47	NA	14
	11/8/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**2,000**	150	47	NA	14
	12/20/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**1,500**	90	39	NA	12
	1/18/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**1,200**	100	32	NA	12
	2/21/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**1,100**	65	27	NA	10
	3/8/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**1,100**	53	25	NA	9.8

Table 2: 124 Hanover Pike Sampling Results
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Diisopropyl Ether
	4/20/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**1,200**	88	28	NA	10
	5/22/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**670**	ND@20	13	NA	8.2
	6/26/12	ND@25	ND@25	ND@25	ND@25	BDL	**1,400**	ND@25	31	NA	ND@25
	7/17/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**1,000**	67	23	NA	9.8
	8/21/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**290**	ND@20	ND@5	NA	5.7
	9/19/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**1,100**	67	22	NA	9.7
	10/25/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**730**	23	12	NA	8.7
	12/21/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**460**	ND@20	1/8/00	NA	1/7/00
	1/22/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**450**	ND@20	ND@5	NA	ND@5
	2/26/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**330**	ND@20	ND@5	NA	ND@5
	4/17/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**260**	ND@20	ND@5	NA	6
	6/28/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**170**	ND@20	ND@5	NA	6
	8/30/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**130**	ND@20	ND@5	NA	6
	10/28/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**220**	22	ND@5	NA	7
	12/16/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**56**	ND@20	ND@5	NA	6
	1/13/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	7.2	ND@20	ND@5	NA	ND@5
	2/18/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	**32**	ND@20	ND@5	NA	ND@5
	5/3/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	6.2	ND@20	ND@5	NA	ND@5
	6/24/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.54	ND@20	ND@5	NA	ND@5
	9/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	10/31/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	1/9/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	2/16/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	4/24/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/22/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	7/22/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/28/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND
	9/25/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	0.567
	11/10/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	1/27/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	3/16/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	5/30/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	7/13/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	9/27/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	11/11/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	1/31/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	3/31/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	5/19/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	8/11/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	9/13/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	11/7/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	1/30/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	3/26/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	5/30/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	7/17/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	9/11/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	10/19/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5
	11/20/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	NA	ND@0.5

Table 2: 124 Hanover Pike Sampling Results
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Diisopropyl Ether
GAC - 1	6/1/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/8/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/17/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/22/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/29/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	7/6/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	47	ND@5	ND@100	ND@5
	7/13/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	31	ND@5	ND@100	ND@5
	7/20/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	22	ND@5	ND@100	ND@5
	7/27/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/10/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/24/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	9/9/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	2.1	ND@20	ND@5	ND@100	ND@5
	9/21/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/5/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/18/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	11/2/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	11/16/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	11/30/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	12/14/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	12/28/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	1/11/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	33	ND@5	ND@100	ND@5
	1/25/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	62	ND@5	ND@100	ND@5
	2/8/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	61	ND@5	ND@100	ND@5
	3/1/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	3/15/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	4/12/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	5/11/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	48	ND@5	ND@100	ND@5
	6/14/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	170	ND@5	ND@100	ND@5
	7/12/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/16/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	9/12/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	25	ND@5	ND@100	ND@5
	10/14/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	41	ND@5	ND@100	ND@5
	11/8/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	12/20/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	37	ND@5	ND@100	ND@5
	1/18/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	84	ND@5	ND@100	ND@5
	2/21/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	96	ND@5	ND@100	ND@5
	3/8/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5

Table 2: 124 Hanover Pike Sampling Results
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Diisopropyl Ether
	4/20/12	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@0.5	ND@20	ND@5	ND@100	ND@5
	5/22/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/26/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	120	ND@0.5	ND@100	ND@5
	7/17/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/21/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	9/19/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/25/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	12/21/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	1/22/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	2/26/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	4/17/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/28/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/30/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/28/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	12/16/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.7	ND@20	ND@5	ND@100	ND@5
	1/13/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.4	ND@20	ND@5	ND@100	ND@5
	2/18/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	4.3	ND@20	ND@5	ND@100	ND@5
	5/3/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.5	ND@20	ND@5	ND@100	ND@5
	6/24/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.77	ND@20	ND@5	ND@100	ND@5
	9/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/31/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	1/9/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	2/16/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	4/24/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/22/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	7/22/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/28/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	9/25/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	11/10/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	1/27/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	3/16/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	5/30/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	7/13/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.547	ND@20	ND@5	NA	ND@5
	9/27/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.608	ND@20	ND@5	NA	ND@5
	11/11/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.537	ND@20	ND@5	NA	ND@5
	1/31/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.583	ND@20	ND@5	NA	ND@5
	3/31/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.726	ND@20	ND@5	NA	ND@5
	5/19/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.910	ND@20	ND@5	NA	ND@5
	8/11/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.15	ND@20	ND@5	NA	ND@5
	9/13/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.45	ND@20	ND@5	NA	ND@5
	11/7/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.35	ND@20	ND@5	NA	ND@5
	1/30/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.09	ND@20	ND@5	NA	ND@5
	3/26/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	0.91	ND@20	ND@5	NA	ND@5
	5/30/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.43	ND@20	ND@5	NA	ND@5
	7/17/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.56	ND@20	ND@5	NA	ND@5
	9/11/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.34	ND@20	ND@5	NA	ND@5
	10/19/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.26	ND@20	ND@5	NA	ND@5
	11/20/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	1.21	ND@20	ND@5	NA	ND@5

Table 2: 124 Hanover Pike Sampling Results
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Diisopropyl Ether
GAC - 2	6/1/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/8/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/17/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/22/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/29/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	7/6/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	7/13/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	7/20/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	7/27/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/10/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/24/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	9/9/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	9/21/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/5/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/18/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	11/2/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	11/16/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	11/30/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	12/14/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	12/28/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	1/11/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	1/25/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	2/8/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	3/1/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	3/15/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	4/12/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	5/11/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/14/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	7/12/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/16/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	9/12/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/14/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	11/8/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	12/20/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	1/18/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	2/21/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	3/8/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5

Table 2: 124 Hanover Pike Sampling Results
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Diisopropyl Ether
	4/20/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	5/22/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/26/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	34	ND@0.5	ND@100	ND@5
	7/17/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/21/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	9/19/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/25/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	12/21/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	1/22/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	2/26/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	4/17/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/28/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/30/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/28/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	12/16/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	1/13/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	2/18/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	5/3/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/24/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/24/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	4/24/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/22/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	7/22/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/28/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	9/25/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	11/10/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	1/27/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	3/16/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	5/30/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	7/13/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	9/27/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	11/11/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	1/31/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	3/31/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	5/19/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	8/11/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	9/13/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	11/7/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	1/30/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	3/26/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	5/30/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	7/17/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	9/11/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	10/19/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	11/20/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5

Table 2: 124 Hanover Pike Sampling Results
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Diisopropyl Ether
Final Effluent	6/1/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/22/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/29/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	7/6/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	7/13/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	7/20/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	7/27/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/10/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/24/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	9/9/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	9/21/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/5/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/18/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	11/2/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	11/16/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	11/30/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	12/14/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	12/28/10	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	1/11/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	1/25/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	2/8/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	3/1/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	3/15/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	4/12/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	5/11/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/14/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	7/12/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/16/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	9/12/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/14/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	11/8/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	12/20/11	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	1/18/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	2/21/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	3/8/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5

Table 2: 124 Hanover Pike Sampling Results
7-Eleven Store No. 32785
Hampstead, Maryland

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	TPH-GRO (µg/L)	Diisopropyl Ether
	4/20/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	5/22/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/26/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@10	ND@0.5	ND@100	ND@5
	7/17/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/21/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	9/19/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/25/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	12/21/12	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	1/22/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	2/26/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	4/17/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/28/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/30/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/28/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	12/16/13	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	1/13/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	2/18/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	5/3/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/24/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	9/16/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	10/31/14	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	1/9/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	2/16/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	4/24/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	6/22/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	7/22/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	ND@100	ND@5
	8/28/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	9/25/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	11/10/15	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	1/27/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	3/16/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	5/30/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	7/13/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	9/27/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	11/11/16	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	1/31/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	3/31/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	5/19/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	8/11/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	9/13/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	11/7/17	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	1/30/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	3/26/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	5/30/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	7/17/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	9/11/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	10/19/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
	11/20/18	ND@0.5	ND@0.5	ND@0.5	ND@1.5	BDL	ND@0.5	ND@20	ND@5	NA	ND@5
MDE CLEANUP STD		**5**	**1,000**	**700**	**10,000**	**--**	**20**	--	--	**47**	--

BTEX - Total Benzene, Toluene, Ethylbenzene and Xylenes
MTBE - Methyl Tert-Butyl Ether
TBA - Tert-Butyl Alcohol
TAME - Tert-Amyl Methyl Ether
TPH-GRO - Total Petroleum Hydrocarbons - Gasoline Range Organics
µg/L - micrograms-per-liter
ND@x - not detected above laboratory detection level of x

ND - not detected
NI - not installed
NA - not analyzed
NS - inaccessible
E - estimated result; exceeds calibration range
Bold - indicates level above the MDE Cleanup Standard

ATTACHMENT A

MDE Directive Letter

Maryland
Department of
the Environment

Larry Hogan, Governor
Boyd Rutherford, Lt. Governor

Ben Grumbles, Secretary
Horacio Tablada, Deputy Secretary

July 31, 2018

Mr. Jose Rios
Manager, Environmental Services
7-Eleven, Inc.
3200 Hackberry Road, #148
Irving TX 75063

RE: APPROVAL OF REBOUND ASSESSMENT REQUEST
Case No. 2006-0282-CL
7-Eleven #32785
125 Hanover Pike, Hampstead
Carroll County, Maryland
Facility I.D. No. 11266

Dear Mr. Rios:

The Maryland Department of the Environment's (the Department) Oil Control Program recently completed a review of the case file for the above-referenced property, including the *First Quarter 2018 Quarterly Monitoring Report*, dated April 26, 2018, and the *Rebound Assessment Request*, dated June 6, 2018. Methyl tertiary-butyl ether (MTBE) was identified as the contaminant of concern and was detected up to 31,000 parts per billion (ppb) in the on-site monitoring well network in July 2005. In February 2013, the Department approved a *Corrective Action Plan* for the implementation of a groundwater treatment system to address the dissolved phase petroleum concentrations detected. The groundwater extraction system began operation in October 2013 and, since that time, has treated more than 8.6 million gallons of petroleum-impacted groundwater. Three system shut-down events occurred with the Department's approval in August 2015, December 2016, and August 2017. Due to rebound conditions of dissolved levels exceeding the established criteria limits set, the system was restarted on all three prior occasions

Based on the continuing decline of dissolved levels in the on-site monitoring wells, as well as declining trends in the influent groundwater treatment samples, a proposal for another system shut-down and rebound assessment was proposed. The current maximum MTBE concentration detected in on-site monitoring well MW-9 was reported at 17.5 ppb. The station's drinking water supply well was most recently sampled in September 2018 and MTBE was detected at 1.02 ppb. The private drinking water supply well at 124 Hanover Pike is protected with a granular activated carbon (GAC) filtration system and the pre-filtration samples have remained non-detect for petroleum constituents since September 2014.

Once the system is deactivated, all monitoring wells are proposed to be sampled on a monthly basis for the first three months, then quarterly thereafter. Water samples will be collected at 124 Hanover Pike on a monthly basis for three months, and then drinking water samples will revert back to the current bi-monthly frequency (every other month). The station's on-site supply well will continue to be sampled on the annual sampling frequency. The groundwater extraction system will remain inactive as long as contaminant concentrations remain stable and/or on a decreasing trend and MTBE remains below 300 ppb.

Based on our review, the Department hereby approves system shut-down and rebound assessment evaluation to begin at the site, contingent upon the following modifications:

(1) Prior to deactivation of the groundwater remediation system, potable drinking water samples must be collected for laboratory analyses from nearby properties that have previously been sampled by 7-Eleven, Inc. These properties include: 114 Hanover Pike, 116 Hanover Pike, 118 Hanover Pike, 123 Hanover Pike, 130 Hanover Pike, 135 Hanover Pike, 95 Phillips Drive, and 97 Phillips Drive. Notify the Department immediately if any volatile organic compounds (VOCs) are detected and provide a summary table of all detections and analytical data.

(2) The on-site supply well must be sampled on a quarterly basis as proposed Notify the Department immediately if any VOCs are detected at concentrations not within historical ranges detected.

(3) If VOCs are detected at the supply well serving 124 Hanover Pike, notify the Department immediately.

(4) If concentrations of petroleum constituents are noted in any of the on-site monitoring wells outside of the current time series trends, notify the Department immediately for further discussion and evaluation. A summary table of concentrations and analytical data must be provided. The Department will make a determination regarding the need for system reactivation based on post-remedial monitoring data.

(5) All drinking water samples must be analyzed for full-suite VOCs, including fuel oxygenates and naphthalene, using EPA Method 524.2.

(6) All groundwater samples collected must be analyzed for full-suite VOCs, including fuel oxygenates and naphthalene, using EPA Method 8260 and TPH-GRO using EPA Method 8015.

(7) The Department requires, at a minimum, four quarters of post-remedial monitoring data before case closure will be considered. Groundwater gauging and sampling of all monitoring wells must continue until written approval to do otherwise is received by the Department. The groundwater remediation system must remain on site until written approval to be removed is received by the Department.

(8) Notify the case manager at least five working days prior to shutting down the groundwater treatment system. The groundwater treatment system must remain on-site until the Oil Control Program determines the system is no longer a necessary component of any future remedial efforts.

All documentation submitted to the Oil Control Program must include three hard copies and a digital copy on a labeled compact disc (CD). If you have any questions, please contact the case manager, Mr. Matt Mueller, at 410-537-3574 (email: *matthew.mueller@maryland.gov*) or me at 410-537-3482 (email: *ellen.jackson@ maryland.gov*).

Sincerely,

Ellen Jackson, Northern Region Section Head
Remediation and State-Lead Division
Oil Control Program

MKM/nln

cc: Mrs. Praxeda Wisniewski (95 Phillips Drive)
Mr. James and Daphne Lee (97 Phillips Drive)
Mr. Bradley Scott (114 Hanover Pike)
Mr. Janet and Leon Laughman (118 Hanover Pike)
Mr. Brien Naylor (123 Hanover Pike, Garrett Grady Properties, LLC)
Mr. and Mrs. Allen and Deborah Parsons (130 Hanover Pike)
Mr. Wayne Columbia (135 Hanover Pike)
Mr. John Canzeri (AECOM)
Mr. Neal Roop (Town of New Windsor)
Mr. Leigh Broderick (Carroll County Health Dept.)
Mr. Thomas S. Devilbiss (Carroll County Govt.)
N. Tobias Smith, Esquire (Strasburger and Price, LLP)
Stephanie Cobb Williams, Esquire
Mr. John Grace (MDE-Water Supply Program)
Mr. Andrew B. Miller
Mr. Christopher H. Ralston
Ms. Kaley Laleker

ATTACHMENT B

Laboratory Analytical Results – Monitoring Wells/124 Hanover Pike

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-163777-1
TestAmerica SDG: 125 Hanover Pike, Hampstead, MD
Client Project/Site: 32785.Hampstead.EL

For:
AECOM
8000 Virginia Manor Road
Suite 110
Beltsville, Maryland 20705

Attn: Ms. Rachael Allen

Authorized for release by:
11/29/2018 9:39:28 AM
Andy Johnson, Manager of Project Management
(615)301-5045
andy.johnson@testamericainc.com

Designee for

Jennifer Huckaba, Project Manager II
(615)301-5042
jennifer.huckaba@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-163777-1	MW-1	Water	11/21/18 15:35	11/24/18 09:15
490-163777-2	MW-2	Water	11/20/18 14:50	11/24/18 09:15
490-163777-3	MW-3	Water	11/20/18 15:15	11/24/18 09:15
490-163777-4	MW-4	Water	11/20/18 15:45	11/24/18 09:15
490-163777-5	MW-5	Water	11/20/18 13:00	11/24/18 09:15
490-163777-6	MW-6	Water	11/21/18 16:00	11/24/18 09:15
490-163777-7	MW-7	Water	11/21/18 16:20	11/24/18 09:15
490-163777-8	MW-8	Water	11/20/18 16:20	11/24/18 09:15
490-163777-9	MW-9	Water	11/20/18 16:15	11/24/18 09:15
490-163777-10	MW-10	Water	11/20/18 16:10	11/24/18 09:15

Job ID: 490-163777-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-163777-1

Comments
No additional comments.

Receipt
The samples were received on 11/24/2018 9:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.2º C.

Receipt Exceptions
One or more containers for the following sample was received broken or leaking: MW-3 (490-163777-3), one vial was broken on arrival.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) for analytical batch 490-559485 recovered outside control limits for the following analytes: cis-1,3-Dichloropropene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: Surrogate recovery for the following sample was outside the upper control limit: MW-2 (490-163777-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-1

Date Collected: 11/21/18 15:35
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			11/24/18 18:12	1
Benzene	ND		1.00		ug/L			11/24/18 18:12	1
Bromochloromethane	ND		1.00		ug/L			11/24/18 18:12	1
Bromodichloromethane	ND		1.00		ug/L			11/24/18 18:12	1
Bromoform	ND		1.00		ug/L			11/24/18 18:12	1
Bromomethane	ND		1.00		ug/L			11/24/18 18:12	1
2-Butanone (MEK)	ND		50.0		ug/L			11/24/18 18:12	1
Carbon disulfide	ND		1.00		ug/L			11/24/18 18:12	1
Carbon tetrachloride	ND		1.00		ug/L			11/24/18 18:12	1
Chlorobenzene	ND		1.00		ug/L			11/24/18 18:12	1
Chlorodibromomethane	ND		1.00		ug/L			11/24/18 18:12	1
Chloroethane	ND		1.00		ug/L			11/24/18 18:12	1
Chloroform	ND		1.00		ug/L			11/24/18 18:12	1
Chloromethane	ND		1.00		ug/L			11/24/18 18:12	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 18:12	1
cis-1,3-Dichloropropene	ND	* F2	1.00		ug/L			11/24/18 18:12	1
Cyclohexane	ND		5.00		ug/L			11/24/18 18:12	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			11/24/18 18:12	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			11/24/18 18:12	1
1,2-Dichlorobenzene	ND		1.00		ug/L			11/24/18 18:12	1
1,3-Dichlorobenzene	ND		1.00		ug/L			11/24/18 18:12	1
1,4-Dichlorobenzene	ND		1.00		ug/L			11/24/18 18:12	1
Dichlorodifluoromethane	ND		1.00		ug/L			11/24/18 18:12	1
1,1-Dichloroethane	ND	F2	1.00		ug/L			11/24/18 18:12	1
1,2-Dichloroethane	ND		1.00		ug/L			11/24/18 18:12	1
1,1-Dichloroethene	ND		1.00		ug/L			11/24/18 18:12	1
1,2-Dichloropropane	ND		1.00		ug/L			11/24/18 18:12	1
Diisopropyl ether	ND	F2	2.00		ug/L			11/24/18 18:12	1
Ethylbenzene	ND		1.00		ug/L			11/24/18 18:12	1
Ethyl tert-butyl ether	ND		1.00		ug/L			11/24/18 18:12	1
Freon 113	ND		1.00		ug/L			11/24/18 18:12	1
2-Hexanone	ND		10.0		ug/L			11/24/18 18:12	1
Isopropylbenzene	ND		1.00		ug/L			11/24/18 18:12	1
Methyl acetate	ND		10.0		ug/L			11/24/18 18:12	1
Methylcyclohexane	ND		5.00		ug/L			11/24/18 18:12	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 18:12	1
4-Methyl-2-pentanone (MIBK)	ND	F2	10.0		ug/L			11/24/18 18:12	1
Methyl tert-butyl ether	ND		1.00		ug/L			11/24/18 18:12	1
Naphthalene	ND	F2	5.00		ug/L			11/24/18 18:12	1
Styrene	ND		1.00		ug/L			11/24/18 18:12	1
Tert-amyl methyl ether	ND		1.00		ug/L			11/24/18 18:12	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/18 18:12	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			11/24/18 18:12	1
Tetrachloroethene	ND		1.00		ug/L			11/24/18 18:12	1
Toluene	ND	F1 F2	1.00		ug/L			11/24/18 18:12	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 18:12	1
trans-1,3-Dichloropropene	ND	F2	1.00		ug/L			11/24/18 18:12	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			11/24/18 18:12	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			11/24/18 18:12	1

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-1

Date Collected: 11/21/18 15:35
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			11/24/18 18:12	1
1,1,2-Trichloroethane	ND		1.00		ug/L			11/24/18 18:12	1
Trichloroethene	ND		1.00		ug/L			11/24/18 18:12	1
Trichlorofluoromethane	ND		1.00		ug/L			11/24/18 18:12	1
Vinyl chloride	ND		1.00		ug/L			11/24/18 18:12	1
m,p-Xylene	ND		2.00		ug/L			11/24/18 18:12	1
o-Xylene	ND		1.00		ug/L			11/24/18 18:12	1
Xylenes, Total	ND		3.00		ug/L			11/24/18 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*11/24/18 18:12*	*1*
Dibromofluoromethane (Surr)	*87*		*70 - 130*		*11/24/18 18:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*11/24/18 18:12*	*1*
Toluene-d8 (Surr)	*118*		*70 - 130*		*11/24/18 18:12*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			11/26/18 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*		*11/26/18 18:49*	*1*

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-2

Date Collected: 11/20/18 14:50
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			11/24/18 18:39	1
Benzene	ND		1.00		ug/L			11/24/18 18:39	1
Bromochloromethane	ND		1.00		ug/L			11/24/18 18:39	1
Bromodichloromethane	ND		1.00		ug/L			11/24/18 18:39	1
Bromoform	ND		1.00		ug/L			11/24/18 18:39	1
Bromomethane	ND		1.00		ug/L			11/24/18 18:39	1
2-Butanone (MEK)	ND		50.0		ug/L			11/24/18 18:39	1
Carbon disulfide	ND		1.00		ug/L			11/24/18 18:39	1
Carbon tetrachloride	ND		1.00		ug/L			11/24/18 18:39	1
Chlorobenzene	ND		1.00		ug/L			11/24/18 18:39	1
Chlorodibromomethane	ND		1.00		ug/L			11/24/18 18:39	1
Chloroethane	ND		1.00		ug/L			11/24/18 18:39	1
Chloroform	ND		1.00		ug/L			11/24/18 18:39	1
Chloromethane	ND		1.00		ug/L			11/24/18 18:39	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 18:39	1
cis-1,3-Dichloropropene	ND	*	1.00		ug/L			11/24/18 18:39	1
Cyclohexane	ND		5.00		ug/L			11/24/18 18:39	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			11/24/18 18:39	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			11/24/18 18:39	1
1,2-Dichlorobenzene	ND		1.00		ug/L			11/24/18 18:39	1
1,3-Dichlorobenzene	ND		1.00		ug/L			11/24/18 18:39	1
1,4-Dichlorobenzene	ND		1.00		ug/L			11/24/18 18:39	1
Dichlorodifluoromethane	ND		1.00		ug/L			11/24/18 18:39	1
1,1-Dichloroethane	ND		1.00		ug/L			11/24/18 18:39	1
1,2-Dichloroethane	ND		1.00		ug/L			11/24/18 18:39	1
1,1-Dichloroethene	ND		1.00		ug/L			11/24/18 18:39	1
1,2-Dichloropropane	ND		1.00		ug/L			11/24/18 18:39	1
Diisopropyl ether	ND		2.00		ug/L			11/24/18 18:39	1
Ethylbenzene	ND		1.00		ug/L			11/24/18 18:39	1
Ethyl tert-butyl ether	ND		1.00		ug/L			11/24/18 18:39	1
Freon 113	ND		1.00		ug/L			11/24/18 18:39	1
2-Hexanone	ND		10.0		ug/L			11/24/18 18:39	1
Isopropylbenzene	ND		1.00		ug/L			11/24/18 18:39	1
Methyl acetate	ND		10.0		ug/L			11/24/18 18:39	1
Methylcyclohexane	ND		5.00		ug/L			11/24/18 18:39	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 18:39	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			11/24/18 18:39	1
Methyl tert-butyl ether	ND		1.00		ug/L			11/24/18 18:39	1
Naphthalene	ND		5.00		ug/L			11/24/18 18:39	1
Styrene	ND		1.00		ug/L			11/24/18 18:39	1
Tert-amyl methyl ether	ND		1.00		ug/L			11/24/18 18:39	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/18 18:39	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			11/24/18 18:39	1
Tetrachloroethene	ND		1.00		ug/L			11/24/18 18:39	1
Toluene	ND		1.00		ug/L			11/24/18 18:39	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 18:39	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			11/24/18 18:39	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			11/24/18 18:39	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			11/24/18 18:39	1

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-2

Date Collected: 11/20/18 14:50
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			11/24/18 18:39	1
1,1,2-Trichloroethane	ND		1.00		ug/L			11/24/18 18:39	1
Trichloroethene	ND		1.00		ug/L			11/24/18 18:39	1
Trichlorofluoromethane	ND		1.00		ug/L			11/24/18 18:39	1
Vinyl chloride	ND		1.00		ug/L			11/24/18 18:39	1
m,p-Xylene	ND		2.00		ug/L			11/24/18 18:39	1
o-Xylene	ND		1.00		ug/L			11/24/18 18:39	1
Xylenes, Total	ND		3.00		ug/L			11/24/18 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*11/24/18 18:39*	*1*
Dibromofluoromethane (Surr)	*113*		*70 - 130*		*11/24/18 18:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*11/24/18 18:39*	*1*
Toluene-d8 (Surr)	*131*	*X*	*70 - 130*		*11/24/18 18:39*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			11/26/18 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*		*11/26/18 19:25*	*1*

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-3

Date Collected: 11/20/18 15:15
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			11/24/18 19:06	1
Benzene	ND		1.00		ug/L			11/24/18 19:06	1
Bromochloromethane	ND		1.00		ug/L			11/24/18 19:06	1
Bromodichloromethane	ND		1.00		ug/L			11/24/18 19:06	1
Bromoform	ND		1.00		ug/L			11/24/18 19:06	1
Bromomethane	ND		1.00		ug/L			11/24/18 19:06	1
2-Butanone (MEK)	ND		50.0		ug/L			11/24/18 19:06	1
Carbon disulfide	ND		1.00		ug/L			11/24/18 19:06	1
Carbon tetrachloride	ND		1.00		ug/L			11/24/18 19:06	1
Chlorobenzene	ND		1.00		ug/L			11/24/18 19:06	1
Chlorodibromomethane	ND		1.00		ug/L			11/24/18 19:06	1
Chloroethane	ND		1.00		ug/L			11/24/18 19:06	1
Chloroform	ND		1.00		ug/L			11/24/18 19:06	1
Chloromethane	ND		1.00		ug/L			11/24/18 19:06	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 19:06	1
cis-1,3-Dichloropropene	ND	*	1.00		ug/L			11/24/18 19:06	1
Cyclohexane	ND		5.00		ug/L			11/24/18 19:06	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			11/24/18 19:06	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			11/24/18 19:06	1
1,2-Dichlorobenzene	ND		1.00		ug/L			11/24/18 19:06	1
1,3-Dichlorobenzene	ND		1.00		ug/L			11/24/18 19:06	1
1,4-Dichlorobenzene	ND		1.00		ug/L			11/24/18 19:06	1
Dichlorodifluoromethane	ND		1.00		ug/L			11/24/18 19:06	1
1,1-Dichloroethane	ND		1.00		ug/L			11/24/18 19:06	1
1,2-Dichloroethane	ND		1.00		ug/L			11/24/18 19:06	1
1,1-Dichloroethene	ND		1.00		ug/L			11/24/18 19:06	1
1,2-Dichloropropane	ND		1.00		ug/L			11/24/18 19:06	1
Diisopropyl ether	ND		2.00		ug/L			11/24/18 19:06	1
Ethylbenzene	ND		1.00		ug/L			11/24/18 19:06	1
Ethyl tert-butyl ether	ND		1.00		ug/L			11/24/18 19:06	1
Freon 113	ND		1.00		ug/L			11/24/18 19:06	1
2-Hexanone	ND		10.0		ug/L			11/24/18 19:06	1
Isopropylbenzene	ND		1.00		ug/L			11/24/18 19:06	1
Methyl acetate	ND		10.0		ug/L			11/24/18 19:06	1
Methylcyclohexane	ND		5.00		ug/L			11/24/18 19:06	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 19:06	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			11/24/18 19:06	1
Methyl tert-butyl ether	ND		1.00		ug/L			11/24/18 19:06	1
Naphthalene	ND		5.00		ug/L			11/24/18 19:06	1
Styrene	ND		1.00		ug/L			11/24/18 19:06	1
Tert-amyl methyl ether	ND		1.00		ug/L			11/24/18 19:06	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/18 19:06	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			11/24/18 19:06	1
Tetrachloroethene	ND		1.00		ug/L			11/24/18 19:06	1
Toluene	ND		1.00		ug/L			11/24/18 19:06	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 19:06	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			11/24/18 19:06	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			11/24/18 19:06	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			11/24/18 19:06	1

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-3

Date Collected: 11/20/18 15:15
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			11/24/18 19:06	1
1,1,2-Trichloroethane	ND		1.00		ug/L			11/24/18 19:06	1
Trichloroethene	ND		1.00		ug/L			11/24/18 19:06	1
Trichlorofluoromethane	ND		1.00		ug/L			11/24/18 19:06	1
Vinyl chloride	ND		1.00		ug/L			11/24/18 19:06	1
m,p-Xylene	ND		2.00		ug/L			11/24/18 19:06	1
o-Xylene	ND		1.00		ug/L			11/24/18 19:06	1
Xylenes, Total	ND		3.00		ug/L			11/24/18 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*11/24/18 19:06*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*11/24/18 19:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*11/24/18 19:06*	*1*
Toluene-d8 (Surr)	*125*		*70 - 130*		*11/24/18 19:06*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			11/26/18 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*		*11/26/18 20:00*	*1*

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-4

Date Collected: 11/20/18 15:45
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			11/24/18 19:32	1
Benzene	ND		1.00		ug/L			11/24/18 19:32	1
Bromochloromethane	ND		1.00		ug/L			11/24/18 19:32	1
Bromodichloromethane	ND		1.00		ug/L			11/24/18 19:32	1
Bromoform	ND		1.00		ug/L			11/24/18 19:32	1
Bromomethane	ND		1.00		ug/L			11/24/18 19:32	1
2-Butanone (MEK)	ND		50.0		ug/L			11/24/18 19:32	1
Carbon disulfide	ND		1.00		ug/L			11/24/18 19:32	1
Carbon tetrachloride	ND		1.00		ug/L			11/24/18 19:32	1
Chlorobenzene	ND		1.00		ug/L			11/24/18 19:32	1
Chlorodibromomethane	ND		1.00		ug/L			11/24/18 19:32	1
Chloroethane	ND		1.00		ug/L			11/24/18 19:32	1
Chloroform	ND		1.00		ug/L			11/24/18 19:32	1
Chloromethane	ND		1.00		ug/L			11/24/18 19:32	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 19:32	1
cis-1,3-Dichloropropene	ND	*	1.00		ug/L			11/24/18 19:32	1
Cyclohexane	ND		5.00		ug/L			11/24/18 19:32	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			11/24/18 19:32	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			11/24/18 19:32	1
1,2-Dichlorobenzene	ND		1.00		ug/L			11/24/18 19:32	1
1,3-Dichlorobenzene	ND		1.00		ug/L			11/24/18 19:32	1
1,4-Dichlorobenzene	ND		1.00		ug/L			11/24/18 19:32	1
Dichlorodifluoromethane	ND		1.00		ug/L			11/24/18 19:32	1
1,1-Dichloroethane	ND		1.00		ug/L			11/24/18 19:32	1
1,2-Dichloroethane	ND		1.00		ug/L			11/24/18 19:32	1
1,1-Dichloroethene	ND		1.00		ug/L			11/24/18 19:32	1
1,2-Dichloropropane	ND		1.00		ug/L			11/24/18 19:32	1
Diisopropyl ether	ND		2.00		ug/L			11/24/18 19:32	1
Ethylbenzene	ND		1.00		ug/L			11/24/18 19:32	1
Ethyl tert-butyl ether	ND		1.00		ug/L			11/24/18 19:32	1
Freon 113	ND		1.00		ug/L			11/24/18 19:32	1
2-Hexanone	ND		10.0		ug/L			11/24/18 19:32	1
Isopropylbenzene	ND		1.00		ug/L			11/24/18 19:32	1
Methyl acetate	ND		10.0		ug/L			11/24/18 19:32	1
Methylcyclohexane	ND		5.00		ug/L			11/24/18 19:32	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 19:32	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			11/24/18 19:32	1
Methyl tert-butyl ether	ND		1.00		ug/L			11/24/18 19:32	1
Naphthalene	ND		5.00		ug/L			11/24/18 19:32	1
Styrene	ND		1.00		ug/L			11/24/18 19:32	1
Tert-amyl methyl ether	ND		1.00		ug/L			11/24/18 19:32	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/18 19:32	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			11/24/18 19:32	1
Tetrachloroethene	ND		1.00		ug/L			11/24/18 19:32	1
Toluene	ND		1.00		ug/L			11/24/18 19:32	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 19:32	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			11/24/18 19:32	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			11/24/18 19:32	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			11/24/18 19:32	1

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-4

Date Collected: 11/20/18 15:45
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			11/24/18 19:32	1
1,1,2-Trichloroethane	ND		1.00		ug/L			11/24/18 19:32	1
Trichloroethene	ND		1.00		ug/L			11/24/18 19:32	1
Trichlorofluoromethane	ND		1.00		ug/L			11/24/18 19:32	1
Vinyl chloride	ND		1.00		ug/L			11/24/18 19:32	1
m,p-Xylene	ND		2.00		ug/L			11/24/18 19:32	1
o-Xylene	ND		1.00		ug/L			11/24/18 19:32	1
Xylenes, Total	ND		3.00		ug/L			11/24/18 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*11/24/18 19:32*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*11/24/18 19:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*11/24/18 19:32*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*11/24/18 19:32*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			11/26/18 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*		*11/26/18 20:35*	*1*

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-5

Date Collected: 11/20/18 13:00
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-5

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			11/24/18 19:59	1
Benzene	ND		1.00		ug/L			11/24/18 19:59	1
Bromochloromethane	ND		1.00		ug/L			11/24/18 19:59	1
Bromodichloromethane	ND		1.00		ug/L			11/24/18 19:59	1
Bromoform	ND		1.00		ug/L			11/24/18 19:59	1
Bromomethane	ND		1.00		ug/L			11/24/18 19:59	1
2-Butanone (MEK)	ND		50.0		ug/L			11/24/18 19:59	1
Carbon disulfide	ND		1.00		ug/L			11/24/18 19:59	1
Carbon tetrachloride	ND		1.00		ug/L			11/24/18 19:59	1
Chlorobenzene	ND		1.00		ug/L			11/24/18 19:59	1
Chlorodibromomethane	ND		1.00		ug/L			11/24/18 19:59	1
Chloroethane	ND		1.00		ug/L			11/24/18 19:59	1
Chloroform	ND		1.00		ug/L			11/24/18 19:59	1
Chloromethane	ND		1.00		ug/L			11/24/18 19:59	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 19:59	1
cis-1,3-Dichloropropene	ND	*	1.00		ug/L			11/24/18 19:59	1
Cyclohexane	ND		5.00		ug/L			11/24/18 19:59	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			11/24/18 19:59	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			11/24/18 19:59	1
1,2-Dichlorobenzene	ND		1.00		ug/L			11/24/18 19:59	1
1,3-Dichlorobenzene	ND		1.00		ug/L			11/24/18 19:59	1
1,4-Dichlorobenzene	ND		1.00		ug/L			11/24/18 19:59	1
Dichlorodifluoromethane	ND		1.00		ug/L			11/24/18 19:59	1
1,1-Dichloroethane	ND		1.00		ug/L			11/24/18 19:59	1
1,2-Dichloroethane	ND		1.00		ug/L			11/24/18 19:59	1
1,1-Dichloroethene	ND		1.00		ug/L			11/24/18 19:59	1
1,2-Dichloropropane	ND		1.00		ug/L			11/24/18 19:59	1
Diisopropyl ether	ND		2.00		ug/L			11/24/18 19:59	1
Ethylbenzene	ND		1.00		ug/L			11/24/18 19:59	1
Ethyl tert-butyl ether	ND		1.00		ug/L			11/24/18 19:59	1
Freon 113	ND		1.00		ug/L			11/24/18 19:59	1
2-Hexanone	ND		10.0		ug/L			11/24/18 19:59	1
Isopropylbenzene	ND		1.00		ug/L			11/24/18 19:59	1
Methyl acetate	ND		10.0		ug/L			11/24/18 19:59	1
Methylcyclohexane	ND		5.00		ug/L			11/24/18 19:59	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 19:59	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			11/24/18 19:59	1
Methyl tert-butyl ether	ND		1.00		ug/L			11/24/18 19:59	1
Naphthalene	ND		5.00		ug/L			11/24/18 19:59	1
Styrene	ND		1.00		ug/L			11/24/18 19:59	1
Tert-amyl methyl ether	ND		1.00		ug/L			11/24/18 19:59	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/18 19:59	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			11/24/18 19:59	1
Tetrachloroethene	ND		1.00		ug/L			11/24/18 19:59	1
Toluene	ND		1.00		ug/L			11/24/18 19:59	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 19:59	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			11/24/18 19:59	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			11/24/18 19:59	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			11/24/18 19:59	1

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-5

Date Collected: 11/20/18 13:00
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-5

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			11/24/18 19:59	1
1,1,2-Trichloroethane	ND		1.00		ug/L			11/24/18 19:59	1
Trichloroethene	ND		1.00		ug/L			11/24/18 19:59	1
Trichlorofluoromethane	ND		1.00		ug/L			11/24/18 19:59	1
Vinyl chloride	ND		1.00		ug/L			11/24/18 19:59	1
m,p-Xylene	ND		2.00		ug/L			11/24/18 19:59	1
o-Xylene	ND		1.00		ug/L			11/24/18 19:59	1
Xylenes, Total	ND		3.00		ug/L			11/24/18 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*11/24/18 19:59*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*11/24/18 19:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*11/24/18 19:59*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*		*11/24/18 19:59*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			11/26/18 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*		*11/26/18 21:10*	*1*

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-6

Date Collected: 11/21/18 16:00
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			11/24/18 20:26	1
Benzene	ND		1.00		ug/L			11/24/18 20:26	1
Bromochloromethane	ND		1.00		ug/L			11/24/18 20:26	1
Bromodichloromethane	ND		1.00		ug/L			11/24/18 20:26	1
Bromoform	ND		1.00		ug/L			11/24/18 20:26	1
Bromomethane	ND		1.00		ug/L			11/24/18 20:26	1
2-Butanone (MEK)	ND		50.0		ug/L			11/24/18 20:26	1
Carbon disulfide	ND		1.00		ug/L			11/24/18 20:26	1
Carbon tetrachloride	ND		1.00		ug/L			11/24/18 20:26	1
Chlorobenzene	ND		1.00		ug/L			11/24/18 20:26	1
Chlorodibromomethane	ND		1.00		ug/L			11/24/18 20:26	1
Chloroethane	ND		1.00		ug/L			11/24/18 20:26	1
Chloroform	ND		1.00		ug/L			11/24/18 20:26	1
Chloromethane	ND		1.00		ug/L			11/24/18 20:26	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 20:26	1
cis-1,3-Dichloropropene	ND	*	1.00		ug/L			11/24/18 20:26	1
Cyclohexane	ND		5.00		ug/L			11/24/18 20:26	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			11/24/18 20:26	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			11/24/18 20:26	1
1,2-Dichlorobenzene	ND		1.00		ug/L			11/24/18 20:26	1
1,3-Dichlorobenzene	ND		1.00		ug/L			11/24/18 20:26	1
1,4-Dichlorobenzene	ND		1.00		ug/L			11/24/18 20:26	1
Dichlorodifluoromethane	ND		1.00		ug/L			11/24/18 20:26	1
1,1-Dichloroethane	ND		1.00		ug/L			11/24/18 20:26	1
1,2-Dichloroethane	ND		1.00		ug/L			11/24/18 20:26	1
1,1-Dichloroethene	ND		1.00		ug/L			11/24/18 20:26	1
1,2-Dichloropropane	ND		1.00		ug/L			11/24/18 20:26	1
Diisopropyl ether	ND		2.00		ug/L			11/24/18 20:26	1
Ethylbenzene	ND		1.00		ug/L			11/24/18 20:26	1
Ethyl tert-butyl ether	ND		1.00		ug/L			11/24/18 20:26	1
Freon 113	ND		1.00		ug/L			11/24/18 20:26	1
2-Hexanone	ND		10.0		ug/L			11/24/18 20:26	1
Isopropylbenzene	ND		1.00		ug/L			11/24/18 20:26	1
Methyl acetate	ND		10.0		ug/L			11/24/18 20:26	1
Methylcyclohexane	ND		5.00		ug/L			11/24/18 20:26	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 20:26	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			11/24/18 20:26	1
Methyl tert-butyl ether	ND		1.00		ug/L			11/24/18 20:26	1
Naphthalene	ND		5.00		ug/L			11/24/18 20:26	1
Styrene	ND		1.00		ug/L			11/24/18 20:26	1
Tert-amyl methyl ether	ND		1.00		ug/L			11/24/18 20:26	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/18 20:26	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			11/24/18 20:26	1
Tetrachloroethene	ND		1.00		ug/L			11/24/18 20:26	1
Toluene	ND		1.00		ug/L			11/24/18 20:26	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 20:26	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			11/24/18 20:26	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			11/24/18 20:26	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			11/24/18 20:26	1

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-6

Lab Sample ID: 490-163777-6

Date Collected: 11/21/18 16:00
Matrix: Water
Date Received: 11/24/18 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			11/24/18 20:26	1
1,1,2-Trichloroethane	ND		1.00		ug/L			11/24/18 20:26	1
Trichloroethene	ND		1.00		ug/L			11/24/18 20:26	1
Trichlorofluoromethane	ND		1.00		ug/L			11/24/18 20:26	1
Vinyl chloride	ND		1.00		ug/L			11/24/18 20:26	1
m,p-Xylene	ND		2.00		ug/L			11/24/18 20:26	1
o-Xylene	ND		1.00		ug/L			11/24/18 20:26	1
Xylenes, Total	ND		3.00		ug/L			11/24/18 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*11/24/18 20:26*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*11/24/18 20:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*11/24/18 20:26*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*11/24/18 20:26*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			11/26/18 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*		*11/26/18 21:45*	*1*

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-7

Date Collected: 11/21/18 16:20
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-7

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			11/24/18 20:52	1
Benzene	ND		1.00		ug/L			11/24/18 20:52	1
Bromochloromethane	ND		1.00		ug/L			11/24/18 20:52	1
Bromodichloromethane	ND		1.00		ug/L			11/24/18 20:52	1
Bromoform	ND		1.00		ug/L			11/24/18 20:52	1
Bromomethane	ND		1.00		ug/L			11/24/18 20:52	1
2-Butanone (MEK)	ND		50.0		ug/L			11/24/18 20:52	1
Carbon disulfide	ND		1.00		ug/L			11/24/18 20:52	1
Carbon tetrachloride	ND		1.00		ug/L			11/24/18 20:52	1
Chlorobenzene	ND		1.00		ug/L			11/24/18 20:52	1
Chlorodibromomethane	ND		1.00		ug/L			11/24/18 20:52	1
Chloroethane	ND		1.00		ug/L			11/24/18 20:52	1
Chloroform	ND		1.00		ug/L			11/24/18 20:52	1
Chloromethane	ND		1.00		ug/L			11/24/18 20:52	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 20:52	1
cis-1,3-Dichloropropene	ND	*	1.00		ug/L			11/24/18 20:52	1
Cyclohexane	ND		5.00		ug/L			11/24/18 20:52	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			11/24/18 20:52	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			11/24/18 20:52	1
1,2-Dichlorobenzene	ND		1.00		ug/L			11/24/18 20:52	1
1,3-Dichlorobenzene	ND		1.00		ug/L			11/24/18 20:52	1
1,4-Dichlorobenzene	ND		1.00		ug/L			11/24/18 20:52	1
Dichlorodifluoromethane	ND		1.00		ug/L			11/24/18 20:52	1
1,1-Dichloroethane	ND		1.00		ug/L			11/24/18 20:52	1
1,2-Dichloroethane	ND		1.00		ug/L			11/24/18 20:52	1
1,1-Dichloroethene	ND		1.00		ug/L			11/24/18 20:52	1
1,2-Dichloropropane	ND		1.00		ug/L			11/24/18 20:52	1
Diisopropyl ether	ND		2.00		ug/L			11/24/18 20:52	1
Ethylbenzene	ND		1.00		ug/L			11/24/18 20:52	1
Ethyl tert-butyl ether	ND		1.00		ug/L			11/24/18 20:52	1
Freon 113	ND		1.00		ug/L			11/24/18 20:52	1
2-Hexanone	ND		10.0		ug/L			11/24/18 20:52	1
Isopropylbenzene	ND		1.00		ug/L			11/24/18 20:52	1
Methyl acetate	ND		10.0		ug/L			11/24/18 20:52	1
Methylcyclohexane	ND		5.00		ug/L			11/24/18 20:52	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 20:52	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			11/24/18 20:52	1
Methyl tert-butyl ether	ND		1.00		ug/L			11/24/18 20:52	1
Naphthalene	ND		5.00		ug/L			11/24/18 20:52	1
Styrene	ND		1.00		ug/L			11/24/18 20:52	1
Tert-amyl methyl ether	ND		1.00		ug/L			11/24/18 20:52	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/18 20:52	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			11/24/18 20:52	1
Tetrachloroethene	ND		1.00		ug/L			11/24/18 20:52	1
Toluene	ND		1.00		ug/L			11/24/18 20:52	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 20:52	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			11/24/18 20:52	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			11/24/18 20:52	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			11/24/18 20:52	1

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-7

Date Collected: 11/21/18 16:20
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-7

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			11/24/18 20:52	1
1,1,2-Trichloroethane	ND		1.00		ug/L			11/24/18 20:52	1
Trichloroethene	ND		1.00		ug/L			11/24/18 20:52	1
Trichlorofluoromethane	ND		1.00		ug/L			11/24/18 20:52	1
Vinyl chloride	ND		1.00		ug/L			11/24/18 20:52	1
m,p-Xylene	ND		2.00		ug/L			11/24/18 20:52	1
o-Xylene	ND		1.00		ug/L			11/24/18 20:52	1
Xylenes, Total	ND		3.00		ug/L			11/24/18 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/24/18 20:52*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*11/24/18 20:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*11/24/18 20:52*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*11/24/18 20:52*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			11/26/18 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*		*11/26/18 22:20*	*1*

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-8

Date Collected: 11/20/18 16:20
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-8

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			11/24/18 21:19	1
Benzene	ND		1.00		ug/L			11/24/18 21:19	1
Bromochloromethane	ND		1.00		ug/L			11/24/18 21:19	1
Bromodichloromethane	ND		1.00		ug/L			11/24/18 21:19	1
Bromoform	ND		1.00		ug/L			11/24/18 21:19	1
Bromomethane	ND		1.00		ug/L			11/24/18 21:19	1
2-Butanone (MEK)	ND		50.0		ug/L			11/24/18 21:19	1
Carbon disulfide	ND		1.00		ug/L			11/24/18 21:19	1
Carbon tetrachloride	ND		1.00		ug/L			11/24/18 21:19	1
Chlorobenzene	ND		1.00		ug/L			11/24/18 21:19	1
Chlorodibromomethane	ND		1.00		ug/L			11/24/18 21:19	1
Chloroethane	ND		1.00		ug/L			11/24/18 21:19	1
Chloroform	ND		1.00		ug/L			11/24/18 21:19	1
Chloromethane	ND		1.00		ug/L			11/24/18 21:19	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 21:19	1
cis-1,3-Dichloropropene	ND	*	1.00		ug/L			11/24/18 21:19	1
Cyclohexane	ND		5.00		ug/L			11/24/18 21:19	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			11/24/18 21:19	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			11/24/18 21:19	1
1,2-Dichlorobenzene	ND		1.00		ug/L			11/24/18 21:19	1
1,3-Dichlorobenzene	ND		1.00		ug/L			11/24/18 21:19	1
1,4-Dichlorobenzene	ND		1.00		ug/L			11/24/18 21:19	1
Dichlorodifluoromethane	ND		1.00		ug/L			11/24/18 21:19	1
1,1-Dichloroethane	ND		1.00		ug/L			11/24/18 21:19	1
1,2-Dichloroethane	ND		1.00		ug/L			11/24/18 21:19	1
1,1-Dichloroethene	ND		1.00		ug/L			11/24/18 21:19	1
1,2-Dichloropropane	ND		1.00		ug/L			11/24/18 21:19	1
Diisopropyl ether	ND		2.00		ug/L			11/24/18 21:19	1
Ethylbenzene	ND		1.00		ug/L			11/24/18 21:19	1
Ethyl tert-butyl ether	ND		1.00		ug/L			11/24/18 21:19	1
Freon 113	ND		1.00		ug/L			11/24/18 21:19	1
2-Hexanone	ND		10.0		ug/L			11/24/18 21:19	1
Isopropylbenzene	ND		1.00		ug/L			11/24/18 21:19	1
Methyl acetate	ND		10.0		ug/L			11/24/18 21:19	1
Methylcyclohexane	ND		5.00		ug/L			11/24/18 21:19	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 21:19	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			11/24/18 21:19	1
Methyl tert-butyl ether	**103**		1.00		ug/L			11/24/18 21:19	1
Naphthalene	ND		5.00		ug/L			11/24/18 21:19	1
Styrene	ND		1.00		ug/L			11/24/18 21:19	1
Tert-amyl methyl ether	**1.84**		1.00		ug/L			11/24/18 21:19	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/18 21:19	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			11/24/18 21:19	1
Tetrachloroethene	ND		1.00		ug/L			11/24/18 21:19	1
Toluene	ND		1.00		ug/L			11/24/18 21:19	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 21:19	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			11/24/18 21:19	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			11/24/18 21:19	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			11/24/18 21:19	1

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-8

Date Collected: 11/20/18 16:20
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-8

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			11/24/18 21:19	1
1,1,2-Trichloroethane	ND		1.00		ug/L			11/24/18 21:19	1
Trichloroethene	ND		1.00		ug/L			11/24/18 21:19	1
Trichlorofluoromethane	ND		1.00		ug/L			11/24/18 21:19	1
Vinyl chloride	ND		1.00		ug/L			11/24/18 21:19	1
m,p-Xylene	ND		2.00		ug/L			11/24/18 21:19	1
o-Xylene	ND		1.00		ug/L			11/24/18 21:19	1
Xylenes, Total	ND		3.00		ug/L			11/24/18 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*11/24/18 21:19*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*11/24/18 21:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*11/24/18 21:19*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*11/24/18 21:19*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			11/26/18 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*50 - 150*		*11/26/18 22:56*	*1*

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-9

Date Collected: 11/20/18 16:15
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			11/24/18 21:46	1
Benzene	ND		1.00		ug/L			11/24/18 21:46	1
Bromochloromethane	ND		1.00		ug/L			11/24/18 21:46	1
Bromodichloromethane	ND		1.00		ug/L			11/24/18 21:46	1
Bromoform	ND		1.00		ug/L			11/24/18 21:46	1
Bromomethane	ND		1.00		ug/L			11/24/18 21:46	1
2-Butanone (MEK)	ND		50.0		ug/L			11/24/18 21:46	1
Carbon disulfide	ND		1.00		ug/L			11/24/18 21:46	1
Carbon tetrachloride	ND		1.00		ug/L			11/24/18 21:46	1
Chlorobenzene	ND		1.00		ug/L			11/24/18 21:46	1
Chlorodibromomethane	ND		1.00		ug/L			11/24/18 21:46	1
Chloroethane	ND		1.00		ug/L			11/24/18 21:46	1
Chloroform	ND		1.00		ug/L			11/24/18 21:46	1
Chloromethane	ND		1.00		ug/L			11/24/18 21:46	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 21:46	1
cis-1,3-Dichloropropene	ND	*	1.00		ug/L			11/24/18 21:46	1
Cyclohexane	ND		5.00		ug/L			11/24/18 21:46	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			11/24/18 21:46	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			11/24/18 21:46	1
1,2-Dichlorobenzene	ND		1.00		ug/L			11/24/18 21:46	1
1,3-Dichlorobenzene	ND		1.00		ug/L			11/24/18 21:46	1
1,4-Dichlorobenzene	ND		1.00		ug/L			11/24/18 21:46	1
Dichlorodifluoromethane	ND		1.00		ug/L			11/24/18 21:46	1
1,1-Dichloroethane	ND		1.00		ug/L			11/24/18 21:46	1
1,2-Dichloroethane	ND		1.00		ug/L			11/24/18 21:46	1
1,1-Dichloroethene	ND		1.00		ug/L			11/24/18 21:46	1
1,2-Dichloropropane	ND		1.00		ug/L			11/24/18 21:46	1
Diisopropyl ether	ND		2.00		ug/L			11/24/18 21:46	1
Ethylbenzene	ND		1.00		ug/L			11/24/18 21:46	1
Ethyl tert-butyl ether	ND		1.00		ug/L			11/24/18 21:46	1
Freon 113	ND		1.00		ug/L			11/24/18 21:46	1
2-Hexanone	ND		10.0		ug/L			11/24/18 21:46	1
Isopropylbenzene	ND		1.00		ug/L			11/24/18 21:46	1
Methyl acetate	ND		10.0		ug/L			11/24/18 21:46	1
Methylcyclohexane	ND		5.00		ug/L			11/24/18 21:46	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 21:46	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			11/24/18 21:46	1
Methyl tert-butyl ether	**17.6**		1.00		ug/L			11/24/18 21:46	1
Naphthalene	ND		5.00		ug/L			11/24/18 21:46	1
Styrene	ND		1.00		ug/L			11/24/18 21:46	1
Tert-amyl methyl ether	ND		1.00		ug/L			11/24/18 21:46	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/18 21:46	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			11/24/18 21:46	1
Tetrachloroethene	ND		1.00		ug/L			11/24/18 21:46	1
Toluene	ND		1.00		ug/L			11/24/18 21:46	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 21:46	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			11/24/18 21:46	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			11/24/18 21:46	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			11/24/18 21:46	1

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-9

Date Collected: 11/20/18 16:15
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			11/24/18 21:46	1
1,1,2-Trichloroethane	ND		1.00		ug/L			11/24/18 21:46	1
Trichloroethene	ND		1.00		ug/L			11/24/18 21:46	1
Trichlorofluoromethane	ND		1.00		ug/L			11/24/18 21:46	1
Vinyl chloride	ND		1.00		ug/L			11/24/18 21:46	1
m,p-Xylene	ND		2.00		ug/L			11/24/18 21:46	1
o-Xylene	ND		1.00		ug/L			11/24/18 21:46	1
Xylenes, Total	ND		3.00		ug/L			11/24/18 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*11/24/18 21:46*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*11/24/18 21:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*11/24/18 21:46*	*1*
Toluene-d8 (Surr)	*110*		*70 - 130*		*11/24/18 21:46*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			11/26/18 23:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*50 - 150*		*11/26/18 23:31*	*1*

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-10

Date Collected: 11/20/18 16:10
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-10

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			11/24/18 22:12	1
Benzene	ND		1.00		ug/L			11/24/18 22:12	1
Bromochloromethane	ND		1.00		ug/L			11/24/18 22:12	1
Bromodichloromethane	ND		1.00		ug/L			11/24/18 22:12	1
Bromoform	ND		1.00		ug/L			11/24/18 22:12	1
Bromomethane	ND		1.00		ug/L			11/24/18 22:12	1
2-Butanone (MEK)	ND		50.0		ug/L			11/24/18 22:12	1
Carbon disulfide	ND		1.00		ug/L			11/24/18 22:12	1
Carbon tetrachloride	ND		1.00		ug/L			11/24/18 22:12	1
Chlorobenzene	ND		1.00		ug/L			11/24/18 22:12	1
Chlorodibromomethane	ND		1.00		ug/L			11/24/18 22:12	1
Chloroethane	ND		1.00		ug/L			11/24/18 22:12	1
Chloroform	ND		1.00		ug/L			11/24/18 22:12	1
Chloromethane	ND		1.00		ug/L			11/24/18 22:12	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 22:12	1
cis-1,3-Dichloropropene	ND	*	1.00		ug/L			11/24/18 22:12	1
Cyclohexane	ND		5.00		ug/L			11/24/18 22:12	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			11/24/18 22:12	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			11/24/18 22:12	1
1,2-Dichlorobenzene	ND		1.00		ug/L			11/24/18 22:12	1
1,3-Dichlorobenzene	ND		1.00		ug/L			11/24/18 22:12	1
1,4-Dichlorobenzene	ND		1.00		ug/L			11/24/18 22:12	1
Dichlorodifluoromethane	ND		1.00		ug/L			11/24/18 22:12	1
1,1-Dichloroethane	ND		1.00		ug/L			11/24/18 22:12	1
1,2-Dichloroethane	ND		1.00		ug/L			11/24/18 22:12	1
1,1-Dichloroethene	ND		1.00		ug/L			11/24/18 22:12	1
1,2-Dichloropropane	ND		1.00		ug/L			11/24/18 22:12	1
Diisopropyl ether	ND		2.00		ug/L			11/24/18 22:12	1
Ethylbenzene	ND		1.00		ug/L			11/24/18 22:12	1
Ethyl tert-butyl ether	ND		1.00		ug/L			11/24/18 22:12	1
Freon 113	ND		1.00		ug/L			11/24/18 22:12	1
2-Hexanone	ND		10.0		ug/L			11/24/18 22:12	1
Isopropylbenzene	ND		1.00		ug/L			11/24/18 22:12	1
Methyl acetate	ND		10.0		ug/L			11/24/18 22:12	1
Methylcyclohexane	ND		5.00		ug/L			11/24/18 22:12	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 22:12	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			11/24/18 22:12	1
Methyl tert-butyl ether	ND		1.00		ug/L			11/24/18 22:12	1
Naphthalene	ND		5.00		ug/L			11/24/18 22:12	1
Styrene	ND		1.00		ug/L			11/24/18 22:12	1
Tert-amyl methyl ether	ND		1.00		ug/L			11/24/18 22:12	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/18 22:12	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			11/24/18 22:12	1
Tetrachloroethene	ND		1.00		ug/L			11/24/18 22:12	1
Toluene	ND		1.00		ug/L			11/24/18 22:12	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 22:12	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			11/24/18 22:12	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			11/24/18 22:12	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			11/24/18 22:12	1

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-10

Date Collected: 11/20/18 16:10
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-10

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.00		ug/L			11/24/18 22:12	1
1,1,2-Trichloroethane	ND		1.00		ug/L			11/24/18 22:12	1
Trichloroethene	ND		1.00		ug/L			11/24/18 22:12	1
Trichlorofluoromethane	ND		1.00		ug/L			11/24/18 22:12	1
Vinyl chloride	ND		1.00		ug/L			11/24/18 22:12	1
m,p-Xylene	ND		2.00		ug/L			11/24/18 22:12	1
o-Xylene	ND		1.00		ug/L			11/24/18 22:12	1
Xylenes, Total	ND		3.00		ug/L			11/24/18 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*11/24/18 22:12*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*11/24/18 22:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*11/24/18 22:12*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*11/24/18 22:12*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			11/27/18 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*		*11/27/18 00:06*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-559485/6
Matrix: Water
Analysis Batch: 559485

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			11/24/18 17:19	1
Benzene	ND		1.00		ug/L			11/24/18 17:19	1
Bromochloromethane	ND		1.00		ug/L			11/24/18 17:19	1
Bromodichloromethane	ND		1.00		ug/L			11/24/18 17:19	1
Bromoform	ND		1.00		ug/L			11/24/18 17:19	1
Bromomethane	ND		1.00		ug/L			11/24/18 17:19	1
2-Butanone (MEK)	ND		50.0		ug/L			11/24/18 17:19	1
Carbon disulfide	ND		1.00		ug/L			11/24/18 17:19	1
Carbon tetrachloride	ND		1.00		ug/L			11/24/18 17:19	1
Chlorobenzene	ND		1.00		ug/L			11/24/18 17:19	1
Chlorodibromomethane	ND		1.00		ug/L			11/24/18 17:19	1
Chloroethane	ND		1.00		ug/L			11/24/18 17:19	1
Chloroform	ND		1.00		ug/L			11/24/18 17:19	1
Chloromethane	ND		1.00		ug/L			11/24/18 17:19	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 17:19	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			11/24/18 17:19	1
Cyclohexane	ND		5.00		ug/L			11/24/18 17:19	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			11/24/18 17:19	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			11/24/18 17:19	1
1,2-Dichlorobenzene	ND		1.00		ug/L			11/24/18 17:19	1
1,3-Dichlorobenzene	ND		1.00		ug/L			11/24/18 17:19	1
1,4-Dichlorobenzene	ND		1.00		ug/L			11/24/18 17:19	1
Dichlorodifluoromethane	ND		1.00		ug/L			11/24/18 17:19	1
1,1-Dichloroethane	ND		1.00		ug/L			11/24/18 17:19	1
1,2-Dichloroethane	ND		1.00		ug/L			11/24/18 17:19	1
1,1-Dichloroethene	ND		1.00		ug/L			11/24/18 17:19	1
1,2-Dichloropropane	ND		1.00		ug/L			11/24/18 17:19	1
Diisopropyl ether	ND		2.00		ug/L			11/24/18 17:19	1
Ethylbenzene	ND		1.00		ug/L			11/24/18 17:19	1
Ethyl tert-butyl ether	ND		1.00		ug/L			11/24/18 17:19	1
Freon 113	ND		1.00		ug/L			11/24/18 17:19	1
2-Hexanone	ND		10.0		ug/L			11/24/18 17:19	1
Isopropylbenzene	ND		1.00		ug/L			11/24/18 17:19	1
Methyl acetate	ND		10.0		ug/L			11/24/18 17:19	1
Methylcyclohexane	ND		5.00		ug/L			11/24/18 17:19	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 17:19	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			11/24/18 17:19	1
Methyl tert-butyl ether	ND		1.00		ug/L			11/24/18 17:19	1
Naphthalene	ND		5.00		ug/L			11/24/18 17:19	1
Styrene	ND		1.00		ug/L			11/24/18 17:19	1
Tert-amyl methyl ether	ND		1.00		ug/L			11/24/18 17:19	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			11/24/18 17:19	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			11/24/18 17:19	1
Tetrachloroethene	ND		1.00		ug/L			11/24/18 17:19	1
Toluene	ND		1.00		ug/L			11/24/18 17:19	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			11/24/18 17:19	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			11/24/18 17:19	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			11/24/18 17:19	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-559485/6
Matrix: Water
Analysis Batch: 559485

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.00		ug/L			11/24/18 17:19	1
1,1,1-Trichloroethane	ND		1.00		ug/L			11/24/18 17:19	1
1,1,2-Trichloroethane	ND		1.00		ug/L			11/24/18 17:19	1
Trichloroethene	ND		1.00		ug/L			11/24/18 17:19	1
Trichlorofluoromethane	ND		1.00		ug/L			11/24/18 17:19	1
Vinyl chloride	ND		1.00		ug/L			11/24/18 17:19	1
m,p-Xylene	ND		2.00		ug/L			11/24/18 17:19	1
o-Xylene	ND		1.00		ug/L			11/24/18 17:19	1
Xylenes, Total	ND		3.00		ug/L			11/24/18 17:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*11/24/18 17:19*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*11/24/18 17:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*11/24/18 17:19*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*11/24/18 17:19*	*1*

Lab Sample ID: LCS 490-559485/3
Matrix: Water
Analysis Batch: 559485

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	104.1		ug/L		104	39 - 150
Benzene	20.0	21.75		ug/L		109	70 - 130
Bromochloromethane	20.0	20.38		ug/L		102	70 - 130
Bromodichloromethane	20.0	20.77		ug/L		104	70 - 130
Bromoform	20.0	19.32		ug/L		97	70 - 137
Bromomethane	20.0	22.31		ug/L		112	53 - 150
2-Butanone (MEK)	100	117.6		ug/L		118	55 - 143
Carbon disulfide	20.0	21.56		ug/L		108	64 - 135
Carbon tetrachloride	20.0	20.26		ug/L		101	70 - 147
Chlorobenzene	20.0	20.66		ug/L		103	70 - 130
Chlorodibromomethane	20.0	19.85		ug/L		99	70 - 133
Chloroethane	20.0	19.12		ug/L		96	60 - 138
Chloroform	20.0	20.73		ug/L		104	70 - 130
Chloromethane	20.0	16.84		ug/L		84	33 - 150
cis-1,2-Dichloroethene	20.0	23.34		ug/L		117	70 - 130
cis-1,3-Dichloropropene	20.0	28.14	*	ug/L		141	70 - 133
Cyclohexane	20.0	21.78		ug/L		109	70 - 134
1,2-Dibromo-3-Chloropropane	20.0	18.31		ug/L		92	45 - 138
1,2-Dibromoethane (EDB)	20.0	19.73		ug/L		99	70 - 130
1,2-Dichlorobenzene	20.0	20.41		ug/L		102	70 - 130
1,3-Dichlorobenzene	20.0	20.63		ug/L		103	70 - 130
1,4-Dichlorobenzene	20.0	19.50		ug/L		97	70 - 130
Dichlorodifluoromethane	20.0	18.26		ug/L		91	48 - 150
1,1-Dichloroethane	20.0	20.37		ug/L		102	70 - 130
1,2-Dichloroethane	20.0	21.88		ug/L		109	70 - 130
1,1-Dichloroethene	20.0	21.98		ug/L		110	70 - 132
1,2-Dichloropropane	20.0	21.57		ug/L		108	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-559485/3
Matrix: Water
Analysis Batch: 559485

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diisopropyl ether	20.0	20.43		ug/L		102	66 - 142
Ethylbenzene	20.0	21.71		ug/L		109	70 - 130
Ethyl tert-butyl ether	20.0	20.75		ug/L		104	63 - 135
Freon 113	20.0	22.26		ug/L		111	69 - 145
2-Hexanone	100	107.5		ug/L		108	54 - 142
Isopropylbenzene	20.0	22.49		ug/L		112	70 - 131
Methyl acetate	40.0	47.21		ug/L		118	56 - 136
Methylcyclohexane	20.0	23.39		ug/L		117	70 - 132
Methylene Chloride	20.0	19.89		ug/L		99	70 - 130
4-Methyl-2-pentanone (MIBK)	100	126.6		ug/L		127	60 - 137
Methyl tert-butyl ether	20.0	21.23		ug/L		106	70 - 130
Naphthalene	20.0	19.02		ug/L		95	54 - 150
Styrene	20.0	20.47		ug/L		102	70 - 130
Tert-amyl methyl ether	20.0	23.16		ug/L		116	63 - 135
tert-Butyl alcohol (TBA)	200	196.3		ug/L		98	12 - 150
1,1,2,2-Tetrachloroethane	20.0	21.16		ug/L		106	69 - 131
Tetrachloroethene	20.0	20.98		ug/L		105	70 - 130
Toluene	20.0	25.66		ug/L		128	70 - 130
trans-1,2-Dichloroethene	20.0	21.48		ug/L		107	70 - 130
trans-1,3-Dichloropropene	20.0	26.94		ug/L		135	63 - 142
1,2,3-Trichlorobenzene	20.0	19.08		ug/L		95	46 - 150
1,2,4-Trichlorobenzene	20.0	18.71		ug/L		94	58 - 147
1,1,1-Trichloroethane	20.0	21.21		ug/L		106	70 - 135
1,1,2-Trichloroethane	20.0	21.79		ug/L		109	70 - 130
Trichloroethene	20.0	24.08		ug/L		120	70 - 130
Trichlorofluoromethane	20.0	21.71		ug/L		109	59 - 150
Vinyl chloride	20.0	16.35		ug/L		82	57 - 137
m,p-Xylene	20.0	22.11		ug/L		111	70 - 130
o-Xylene	20.0	21.92		ug/L		110	70 - 130
Xylenes, Total	40.0	44.03		ug/L		110	70 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*
Toluene-d8 (Surr)	*121*		*70 - 130*

Lab Sample ID: 490-163777-1 MS
Matrix: Water
Analysis Batch: 559485

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		100	92.98		ug/L		93	39 - 150
Benzene	ND		20.0	16.61		ug/L		83	55 - 147
Bromochloromethane	ND		20.0	15.58		ug/L		78	59 - 132
Bromodichloromethane	ND		20.0	21.89		ug/L		109	70 - 140
Bromoform	ND		20.0	19.16		ug/L		96	53 - 150
Bromomethane	ND		20.0	23.51		ug/L		118	30 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-163777-1 MS
Matrix: Water
Analysis Batch: 559485

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	ND		100	73.81		ug/L		74	50 - 143
Carbon disulfide	ND		20.0	21.82		ug/L		109	35 - 150
Carbon tetrachloride	ND		20.0	18.55		ug/L		93	56 - 150
Chlorobenzene	ND		20.0	21.09		ug/L		105	70 - 130
Chlorodibromomethane	ND		20.0	19.85		ug/L		99	66 - 140
Chloroethane	ND		20.0	22.08		ug/L		110	58 - 141
Chloroform	ND		20.0	16.71		ug/L		84	66 - 138
Chloromethane	ND		20.0	16.69		ug/L		83	10 - 150
cis-1,2-Dichloroethene	ND		20.0	16.52		ug/L		83	68 - 131
cis-1,3-Dichloropropene	ND	* F2	20.0	26.68		ug/L		133	70 - 133
Cyclohexane	ND		20.0	16.94		ug/L		85	48 - 150
1,2-Dibromo-3-Chloropropane	ND		20.0	15.13		ug/L		76	38 - 138
1,2-Dibromoethane (EDB)	ND		20.0	18.72		ug/L		94	65 - 137
1,2-Dichlorobenzene	ND		20.0	20.08		ug/L		100	70 - 130
1,3-Dichlorobenzene	ND		20.0	20.75		ug/L		104	68 - 131
1,4-Dichlorobenzene	ND		20.0	19.42		ug/L		97	70 - 130
Dichlorodifluoromethane	ND		20.0	20.83		ug/L		104	10 - 150
1,1-Dichloroethane	ND	F2	20.0	22.68		ug/L		113	61 - 139
1,2-Dichloroethane	ND		20.0	16.88		ug/L		84	64 - 136
1,1-Dichloroethene	ND		20.0	22.70		ug/L		113	54 - 150
1,2-Dichloropropane	ND		20.0	21.26		ug/L		106	67 - 130
Diisopropyl ether	ND	F2	20.0	21.34		ug/L		107	56 - 142
Ethylbenzene	ND		20.0	21.72		ug/L		109	65 - 139
Ethyl tert-butyl ether	ND		20.0	16.46		ug/L		82	53 - 138
Freon 113	ND		20.0	24.21		ug/L		121	63 - 150
2-Hexanone	ND		100	91.22		ug/L		91	44 - 150
Isopropylbenzene	ND		20.0	22.91		ug/L		115	70 - 137
Methyl acetate	ND		40.0	39.34		ug/L		98	42 - 136
Methylcyclohexane	ND		20.0	22.89		ug/L		114	59 - 150
Methylene Chloride	ND		20.0	18.17		ug/L		91	64 - 130
4-Methyl-2-pentanone (MIBK)	ND	F2	100	123.0		ug/L		123	50 - 140
Methyl tert-butyl ether	ND		20.0	18.57		ug/L		93	55 - 141
Naphthalene	ND	F2	20.0	9.865		ug/L		49	32 - 150
Styrene	ND		20.0	20.57		ug/L		103	70 - 130
Tert-amyl methyl ether	ND		20.0	15.62		ug/L		78	47 - 148
tert-Butyl alcohol (TBA)	ND		200	187.6		ug/L		94	10 - 150
1,1,2,2-Tetrachloroethane	ND		20.0	20.04		ug/L		100	56 - 145
Tetrachloroethene	ND		20.0	22.12		ug/L		111	57 - 138
Toluene	ND	F1 F2	20.0	28.52	F1	ug/L		143	64 - 136
trans-1,2-Dichloroethene	ND		20.0	21.05		ug/L		105	59 - 143
trans-1,3-Dichloropropene	ND	F2	20.0	28.34		ug/L		142	63 - 142
1,2,3-Trichlorobenzene	ND		20.0	11.10		ug/L		56	36 - 150
1,2,4-Trichlorobenzene	ND		20.0	13.26		ug/L		66	47 - 147
1,1,1-Trichloroethane	ND		20.0	18.24		ug/L		91	68 - 144
1,1,2-Trichloroethane	ND		20.0	20.96		ug/L		105	70 - 130
Trichloroethene	ND		20.0	22.34		ug/L		112	63 - 135
Trichlorofluoromethane	ND		20.0	24.62		ug/L		123	44 - 150
Vinyl chloride	ND		20.0	17.56		ug/L		88	57 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-163777-1 MS
Matrix: Water
Analysis Batch: 559485

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
m,p-Xylene	ND		20.0	21.77		ug/L		109	70 - 130
o-Xylene	ND		20.0	21.77		ug/L		109	70 - 131
Xylenes, Total	ND		40.0	43.54		ug/L		109	69 - 132

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*79*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*
Toluene-d8 (Surr)	*129*		*70 - 130*

Lab Sample ID: 490-163777-1 MSD
Matrix: Water
Analysis Batch: 559485

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		100	87.03		ug/L		87	39 - 150	7	28
Benzene	ND		20.0	19.75		ug/L		99	55 - 147	17	22
Bromochloromethane	ND		20.0	15.25		ug/L		76	59 - 132	2	21
Bromodichloromethane	ND		20.0	19.24		ug/L		96	70 - 140	13	196
Bromoform	ND		20.0	18.30		ug/L		92	53 - 150	5	20
Bromomethane	ND		20.0	23.25		ug/L		116	30 - 150	1	44
2-Butanone (MEK)	ND		100	68.64		ug/L		69	50 - 143	7	28
Carbon disulfide	ND		20.0	19.56		ug/L		98	35 - 150	11	34
Carbon tetrachloride	ND		20.0	20.95		ug/L		105	56 - 150	12	18
Chlorobenzene	ND		20.0	20.11		ug/L		101	70 - 130	5	15
Chlorodibromomethane	ND		20.0	18.36		ug/L		92	66 - 140	8	19
Chloroethane	ND		20.0	21.08		ug/L		105	58 - 141	5	31
Chloroform	ND		20.0	16.06		ug/L		80	66 - 138	4	21
Chloromethane	ND		20.0	17.99		ug/L		90	10 - 150	8	43
cis-1,2-Dichloroethene	ND		20.0	15.70		ug/L		79	68 - 131	5	21
cis-1,3-Dichloropropene	ND	* F2	20.0	19.83	F2	ug/L		99	70 - 133	29	19
Cyclohexane	ND		20.0	16.54		ug/L		83	48 - 150	2	22
1,2-Dibromo-3-Chloropropane	ND		20.0	15.47		ug/L		77	38 - 138	2	26
1,2-Dibromoethane (EDB)	ND		20.0	18.09		ug/L		90	65 - 137	3	21
1,2-Dichlorobenzene	ND		20.0	20.21		ug/L		101	70 - 130	1	15
1,3-Dichlorobenzene	ND		20.0	19.95		ug/L		100	68 - 131	4	14
1,4-Dichlorobenzene	ND		20.0	20.02		ug/L		100	70 - 130	3	14
Dichlorodifluoromethane	ND		20.0	19.45		ug/L		97	10 - 150	7	50
1,1-Dichloroethane	ND	F2	20.0	17.43	F2	ug/L		87	61 - 139	26	23
1,2-Dichloroethane	ND		20.0	19.69		ug/L		98	64 - 136	15	22
1,1-Dichloroethene	ND		20.0	21.02		ug/L		105	54 - 150	8	24
1,2-Dichloropropane	ND		20.0	21.13		ug/L		106	67 - 130	1	19
Diisopropyl ether	ND	F2	20.0	16.34	F2	ug/L		82	56 - 142	27	22
Ethylbenzene	ND		20.0	20.94		ug/L		105	65 - 139	4	18
Ethyl tert-butyl ether	ND		20.0	15.94		ug/L		80	53 - 138	3	22
Freon 113	ND		20.0	21.51		ug/L		108	63 - 150	12	22
2-Hexanone	ND		100	81.75		ug/L		82	44 - 150	11	21
Isopropylbenzene	ND		20.0	22.27		ug/L		111	70 - 137	3	17

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-163777-1 MSD
Matrix: Water
Analysis Batch: 559485

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl acetate	ND		40.0	35.07		ug/L		88	42 - 136	11	26
Methylcyclohexane	ND		20.0	22.08		ug/L		110	59 - 150	4	20
Methylene Chloride	ND		20.0	17.47		ug/L		87	64 - 130	4	22
4-Methyl-2-pentanone (MIBK)	ND	F2	100	89.08	F2	ug/L		89	50 - 140	32	24
Methyl tert-butyl ether	ND		20.0	19.29		ug/L		96	55 - 141	4	24
Naphthalene	ND	F2	20.0	15.55	F2	ug/L		78	32 - 150	45	40
Styrene	ND		20.0	19.92		ug/L		100	70 - 130	3	16
Tert-amyl methyl ether	ND		20.0	18.59		ug/L		93	47 - 148	17	23
tert-Butyl alcohol (TBA)	ND		200	186.4		ug/L		93	10 - 150	1	47
1,1,2,2-Tetrachloroethane	ND		20.0	19.49		ug/L		97	56 - 145	3	19
Tetrachloroethene	ND		20.0	20.93		ug/L		105	57 - 138	6	17
Toluene	ND	F1 F2	20.0	21.41	F2	ug/L		107	64 - 136	28	18
trans-1,2-Dichloroethene	ND		20.0	21.84		ug/L		109	59 - 143	4	25
trans-1,3-Dichloropropene	ND	F2	20.0	20.27	F2	ug/L		101	63 - 142	33	18
1,2,3-Trichlorobenzene	ND		20.0	16.85		ug/L		84	36 - 150	41	43
1,2,4-Trichlorobenzene	ND		20.0	16.85		ug/L		84	47 - 147	24	24
1,1,1-Trichloroethane	ND		20.0	17.68		ug/L		88	68 - 144	3	17
1,1,2-Trichloroethane	ND		20.0	19.90		ug/L		99	70 - 130	5	18
Trichloroethene	ND		20.0	19.61		ug/L		98	63 - 135	13	17
Trichlorofluoromethane	ND		20.0	23.20		ug/L		116	44 - 150	6	32
Vinyl chloride	ND		20.0	18.89		ug/L		94	57 - 150	7	37
m,p-Xylene	ND		20.0	20.44		ug/L		102	70 - 130	6	17
o-Xylene	ND		20.0	21.43		ug/L		107	70 - 131	2	17
Xylenes, Total	ND		40.0	41.87		ug/L		105	69 - 132	4	17

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*81*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Lab Sample ID: MB 490-559564/7
Matrix: Water
Analysis Batch: 559564

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			11/26/18 12:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*		*11/26/18 12:17*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics) (Continued)

Lab Sample ID: LCS 490-559564/5
Matrix: Water
Analysis Batch: 559564

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics [C6 - C10]			1000	977.0		ug/L		98	66 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*83*		*50 - 150*

Lab Sample ID: LCSD 490-559564/6
Matrix: Water
Analysis Batch: 559564

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]			1000	979.1		ug/L		98	66 - 140	0	42

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*82*		*50 - 150*

Lab Sample ID: 490-163726-E-3 MS
Matrix: Water
Analysis Batch: 559564

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics [C6 - C10]	ND		1000	952.9		ug/L		95	33 - 175		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*81*		*50 - 150*

Lab Sample ID: 490-163726-F-3 MSD
Matrix: Water
Analysis Batch: 559564

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		1000	1134		ug/L		113	33 - 175	17	42

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*81*		*50 - 150*

QC Association Summary

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

GC/MS VOA

Analysis Batch: 559485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-163777-1	MW-1	Total/NA	Water	8260B	
490-163777-2	MW-2	Total/NA	Water	8260B	
490-163777-3	MW-3	Total/NA	Water	8260B	
490-163777-4	MW-4	Total/NA	Water	8260B	
490-163777-5	MW-5	Total/NA	Water	8260B	
490-163777-6	MW-6	Total/NA	Water	8260B	
490-163777-7	MW-7	Total/NA	Water	8260B	
490-163777-8	MW-8	Total/NA	Water	8260B	
490-163777-9	MW-9	Total/NA	Water	8260B	
490-163777-10	MW-10	Total/NA	Water	8260B	
MB 490-559485/6	Method Blank	Total/NA	Water	8260B	
LCS 490-559485/3	Lab Control Sample	Total/NA	Water	8260B	
490-163777-1 MS	MW-1	Total/NA	Water	8260B	
490-163777-1 MSD	MW-1	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 559564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-163777-1	MW-1	Total/NA	Water	8015C	
490-163777-2	MW-2	Total/NA	Water	8015C	
490-163777-3	MW-3	Total/NA	Water	8015C	
490-163777-4	MW-4	Total/NA	Water	8015C	
490-163777-5	MW-5	Total/NA	Water	8015C	
490-163777-6	MW-6	Total/NA	Water	8015C	
490-163777-7	MW-7	Total/NA	Water	8015C	
490-163777-8	MW-8	Total/NA	Water	8015C	
490-163777-9	MW-9	Total/NA	Water	8015C	
490-163777-10	MW-10	Total/NA	Water	8015C	
MB 490-559564/7	Method Blank	Total/NA	Water	8015C	
LCS 490-559564/5	Lab Control Sample	Total/NA	Water	8015C	
LCSD 490-559564/6	Lab Control Sample Dup	Total/NA	Water	8015C	
490-163726-E-3 MS	Matrix Spike	Total/NA	Water	8015C	
490-163726-F-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8015C	

Lab Chronicle

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-1
Date Collected: 11/21/18 15:35
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	559485	11/24/18 18:12	AK1	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	559564	11/26/18 18:49	S1S	TAL NSH

Client Sample ID: MW-2
Date Collected: 11/20/18 14:50
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	559485	11/24/18 18:39	AK1	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	559564	11/26/18 19:25	S1S	TAL NSH

Client Sample ID: MW-3
Date Collected: 11/20/18 15:15
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	559485	11/24/18 19:06	AK1	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	559564	11/26/18 20:00	S1S	TAL NSH

Client Sample ID: MW-4
Date Collected: 11/20/18 15:45
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	559485	11/24/18 19:32	AK1	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	559564	11/26/18 20:35	S1S	TAL NSH

Client Sample ID: MW-5
Date Collected: 11/20/18 13:00
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	559485	11/24/18 19:59	AK1	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	559564	11/26/18 21:10	S1S	TAL NSH

Client Sample ID: MW-6
Date Collected: 11/21/18 16:00
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	559485	11/24/18 20:26	AK1	TAL NSH

Lab Chronicle

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: MW-6
Date Collected: 11/21/18 16:00
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015C		1	5 mL	5 mL	559564	11/26/18 21:45	S1S	TAL NSH

Client Sample ID: MW-7
Date Collected: 11/21/18 16:20
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	559485	11/24/18 20:52	AK1	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	559564	11/26/18 22:20	S1S	TAL NSH

Client Sample ID: MW-8
Date Collected: 11/20/18 16:20
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	559485	11/24/18 21:19	AK1	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	559564	11/26/18 22:56	S1S	TAL NSH

Client Sample ID: MW-9
Date Collected: 11/20/18 16:15
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	559485	11/24/18 21:46	AK1	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	559564	11/26/18 23:31	S1S	TAL NSH

Client Sample ID: MW-10
Date Collected: 11/20/18 16:10
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163777-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	559485	11/24/18 22:12	AK1	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	559564	11/27/18 00:06	S1S	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015C	Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	SW846	TAL NSH
5030B	Purge and Trap	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Accreditation/Certification Summary

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163777-1
SDG: 125 Hanover Pike, Hampstead, MD

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Maryland	State Program	3	316	03-31-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015C		Water	Gasoline Range Organics [C6 - C10]
8260B		Water	1,1,1-Trichloroethane
8260B		Water	1,1,2,2-Tetrachloroethane
8260B		Water	1,1,2-Trichloroethane
8260B		Water	1,1-Dichloroethane
8260B		Water	1,1-Dichloroethene
8260B		Water	1,2,3-Trichlorobenzene
8260B		Water	1,2,4-Trichlorobenzene
8260B		Water	1,2-Dibromo-3-Chloropropane
8260B		Water	1,2-Dibromoethane (EDB)
8260B		Water	1,2-Dichlorobenzene
8260B		Water	1,2-Dichloroethane
8260B		Water	1,2-Dichloropropane
8260B		Water	1,3-Dichlorobenzene
8260B		Water	1,4-Dichlorobenzene
8260B		Water	2-Butanone (MEK)
8260B		Water	2-Hexanone
8260B		Water	4-Methyl-2-pentanone (MIBK)
8260B		Water	Acetone
8260B		Water	Benzene
8260B		Water	Bromochloromethane
8260B		Water	Bromodichloromethane
8260B		Water	Bromoform
8260B		Water	Bromomethane
8260B		Water	Carbon disulfide
8260B		Water	Carbon tetrachloride
8260B		Water	Chlorobenzene
8260B		Water	Chlorodibromomethane
8260B		Water	Chloroethane
8260B		Water	Chloroform
8260B		Water	Chloromethane
8260B		Water	cis-1,2-Dichloroethene
8260B		Water	cis-1,3-Dichloropropene
8260B		Water	Cyclohexane
8260B		Water	Dichlorodifluoromethane
8260B		Water	Diisopropyl ether
8260B		Water	Ethyl tert-butyl ether
8260B		Water	Ethylbenzene
8260B		Water	Freon 113
8260B		Water	Isopropylbenzene
8260B		Water	m,p-Xylene
8260B		Water	Methyl acetate
8260B		Water	Methyl tert-butyl ether
8260B		Water	Methylcyclohexane
8260B		Water	Methylene Chloride

Laboratory: TestAmerica Nashville (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Maryland	State Program	3	316	03-31-19

8260B	Water	Naphthalene
8260B	Water	o-Xylene
8260B	Water	Styrene
8260B	Water	Tert-amyl methyl ether
8260B	Water	tert-Butyl alcohol (TBA)
8260B	Water	Tetrachloroethene
8260B	Water	Toluene
8260B	Water	trans-1,2-Dichloroethene
8260B	Water	trans-1,3-Dichloropropene
8260B	Water	Trichloroethene
8260B	Water	Trichlorofluoromethane
8260B	Water	Vinyl chloride
8260B	Water	Xylenes, Total

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-163777 Chain of Custody

Cooler Received/Opened On 11/24/2018 @ 9:15

Time Samples Removed From Cooler 12:52 Time Samples Placed In Storage 12:59 (2 Hour Window)

1. Tracking # 3517 (last 4 digits, FedEx) Courier: FedEx

   IR Gun ID 17960358 pH Strip Lot N/A Chlorine Strip Lot N/A

2. Temperature of rep. sample or temp blank when opened: 1.2 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

Larger than this.

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. *Were there Non-Conformance issues at login?* YES...NO *Was a NCM generated?* YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc LF-1 Revised 8/23/17
End of Form

Loc: 490
163777

TestAmerica Nashville
2960 Foster Creighton Drive

Nashville, TN 37204-3719
phone 615.726.0177 fax 615.726.3404

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Baltimore #201

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Rachael Allen	Site Contact:	Proj. #: 49008398 (ENFOS)	COC No:
AECOM	Tel/Fax: 301-289-3802	Lab Contact: Jennifer Huckaba	Carrier:	1 of 1 COCs
8000 Virginia Manor Rd., Suite 110				Sampler: M. Parsons
Beltsville, Maryland 20705	☐ CALENDAR DAYS ☑ WORKING DAYS			For Lab Use Only:
301-289-3900 Phone	TAT if different from Below: Standard			Walk-in Client:
301-289-3901 FAX	☐ 2 weeks			Lab Sampling:
Project Name: 32785.Hampstead.EL	☐ 1 week			
Site: 125 Hanover Pike, Hampstead, MD	☐ 2 days			W.O.#: WO312107
P O #	☐ 1 day			AECOM's Job#: 60338398

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	BTEX + MTBE 8260B	Full VOCs 8260+Oxy	TPH-GRO 8015C (C6-C10)	Napthalene	Full VOCs 524.2+Oxy	Sample Specific Notes:
A/S INF													
A/S EFF													
GAC-1 EFF													
GAC-2 FINAL													
MW-1	11/21/18	1535	Grab	W	6	N	N		*	*	*		
MW-2	11/20/18	1450	Grab	W	6	N	N		*	*	*		
MW-3		1515	Grab	W	5	N	N		*	*	*		1 broke after filling
MW-4		1545	Grab	W	6	N	N		*	*	*		
MW-5		1300	Grab	W	6	N	N		*	*	*		
MW-6	11/21/18	1600	Grab	W	6	N	N		*	*	*		
MW-7	11/21/18	1620	Grab	W	6	N	N		*	*	*		
MW-8	11/20/18	1620	Grab	W	6	N	N		*	*	*		
MW-9		1615	Grab	W	6	N	N		*	*	*		
MW-10		1610	Grab	W	6	N	N		*	*	*		
~~7-11 Potable (P.O.U.)~~			Grab	W	3	N	N				*	*	
								2	2	2	2	2	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

7-Eleven/AECOM EDD

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.: 1250		Cooler Temp. (°C): Obs'd: 1.2 Corr'd:		Therm ID No.:
Relinquished by: M. Parsons	Company: AECOM	Date/Time: 11/23/18	Received by:	Company:	Date/Time: 11/23 12:30
Relinquished by:	Company:	Date/Time: 11/23/18	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA-NAS	Date/Time: 11/24/18 9:15

Login Sample Receipt Checklist

Client: AECOM

Job Number: 490-163777-1
SDG Number: 125 Hanover Pike, Hampstead, MD

Login Number: 163777
List Number: 1
Creator: Minnich, Paul D

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	N/A	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	N/A	
COC is filled out in ink and legible.	N/A	
COC is filled out with all pertinent information.	N/A	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	N/A	
Samples are received within Holding Time (excluding tests with immediate HTs)	N/A	
Sample containers have legible labels.	N/A	
Containers are not broken or leaking.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
Sample collection date/times are provided.	N/A	
Appropriate sample containers are used.	N/A	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-163775-1
TestAmerica SDG: 125 Hanover Pike, Hampstead, MD
Client Project/Site: 32785.Hampstead.EL

For:
AECOM
8000 Virginia Manor Road
Suite 110
Beltsville, Maryland 20705

Attn: Ms. Rachael Allen

Authorized for release by:
11/29/2018 9:30:58 AM
Andy Johnson, Manager of Project Management
(615)301-5045
andy.johnson@testamericainc.com

Designee for

Jennifer Huckaba, Project Manager II
(615)301-5042
jennifer.huckaba@testamericainc.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-163775-1	124 Hanover INF	Water	11/20/18 13:39	11/24/18 09:15
490-163775-2	124 Hanover GAC-1 EFF	Water	11/20/18 13:36	11/24/18 09:15
490-163775-3	124 Hanover GAC-2 EFF	Water	11/20/18 13:33	11/24/18 09:15
490-163775-4	124 Hanover FINAL EFF	Water	11/20/18 13:00	11/24/18 09:15

Case Narrative

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

Job ID: 490-163775-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-163775-1

Comments
No additional comments.

Receipt
The samples were received on 11/24/2018 9:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.2º C.

GC/MS VOA
Method(s) 524.2: The laboratory control sample (LCS) for analytical batch 490-559495 recovered outside control limits for the following analytes: 1,2,3-Trichlorobenzene and Naphthalene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 524.2: The laboratory control sample duplicate (LCSD) for analytical batch 490-559495 recovered outside control limits for the following analytes: Bromomethane. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 524.2: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch analytical batch 490-559495 recovered outside control limits for the following analytes: Naphthalene.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: 124 Hanover INF

Date Collected: 11/20/18 13:39
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163775-1

Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.500		ug/L			11/24/18 19:39	1
Bromobenzene	ND		0.500		ug/L			11/24/18 19:39	1
Bromochloromethane	ND		0.500		ug/L			11/24/18 19:39	1
Bromodichloromethane	ND		0.500		ug/L			11/24/18 19:39	1
Bromoform	ND		0.500		ug/L			11/24/18 19:39	1
Bromomethane	ND	*	0.500		ug/L			11/24/18 19:39	1
Carbon disulfide	ND		0.500		ug/L			11/24/18 19:39	1
Carbon tetrachloride	ND		0.500		ug/L			11/24/18 19:39	1
Chlorobenzene	ND		0.500		ug/L			11/24/18 19:39	1
Chlorodibromomethane	ND		0.500		ug/L			11/24/18 19:39	1
Chloroethane	ND		0.500		ug/L			11/24/18 19:39	1
Chloroform	ND		0.500		ug/L			11/24/18 19:39	1
Chloromethane	ND		0.500		ug/L			11/24/18 19:39	1
2-Chlorotoluene	ND		0.500		ug/L			11/24/18 19:39	1
4-Chlorotoluene	ND		0.500		ug/L			11/24/18 19:39	1
cis-1,2-Dichloroethene	ND		0.500		ug/L			11/24/18 19:39	1
cis-1,3-Dichloropropene	ND		0.500		ug/L			11/24/18 19:39	1
1,2-Dibromo-3-Chloropropane	ND		2.00		ug/L			11/24/18 19:39	1
1,2-Dibromoethane (EDB)	ND		0.500		ug/L			11/24/18 19:39	1
Dibromomethane	ND		0.500		ug/L			11/24/18 19:39	1
1,2-Dichlorobenzene	ND		0.500		ug/L			11/24/18 19:39	1
1,3-Dichlorobenzene	ND		0.500		ug/L			11/24/18 19:39	1
1,4-Dichlorobenzene	ND		0.500		ug/L			11/24/18 19:39	1
Dichlorodifluoromethane	ND		0.500		ug/L			11/24/18 19:39	1
1,1-Dichloroethane	ND		0.500		ug/L			11/24/18 19:39	1
1,2-Dichloroethane	ND		0.500		ug/L			11/24/18 19:39	1
1,1-Dichloroethene	ND		0.500		ug/L			11/24/18 19:39	1
1,2-Dichloropropane	ND		0.500		ug/L			11/24/18 19:39	1
1,3-Dichloropropane	ND		0.500		ug/L			11/24/18 19:39	1
2,2-Dichloropropane	ND		0.500		ug/L			11/24/18 19:39	1
1,1-Dichloropropene	ND		0.500		ug/L			11/24/18 19:39	1
Diisopropyl ether	ND		0.500		ug/L			11/24/18 19:39	1
Ethylbenzene	ND		0.500		ug/L			11/24/18 19:39	1
Ethyl tert-butyl ether	ND		0.500		ug/L			11/24/18 19:39	1
Hexachlorobutadiene	ND		0.500		ug/L			11/24/18 19:39	1
Isopropylbenzene	ND		0.500		ug/L			11/24/18 19:39	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 19:39	1
Methyl tert-butyl ether	ND		0.500		ug/L			11/24/18 19:39	1
Naphthalene	ND	*	5.00		ug/L			11/24/18 19:39	1
n-Butylbenzene	ND		0.500		ug/L			11/24/18 19:39	1
N-Propylbenzene	ND		0.500		ug/L			11/24/18 19:39	1
p-Isopropyltoluene	ND		0.500		ug/L			11/24/18 19:39	1
sec-Butylbenzene	ND		0.500		ug/L			11/24/18 19:39	1
Styrene	ND		0.500		ug/L			11/24/18 19:39	1
Tert-amyl methyl ether	ND		0.500		ug/L			11/24/18 19:39	1
tert-Butyl alcohol	ND		10.0		ug/L			11/24/18 19:39	1
tert-Butylbenzene	ND		0.500		ug/L			11/24/18 19:39	1
1,1,1,2-Tetrachloroethane	ND		0.500		ug/L			11/24/18 19:39	1
1,1,2,2-Tetrachloroethane	ND		0.500		ug/L			11/24/18 19:39	1

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: 124 Hanover INF

Date Collected: 11/20/18 13:39
Date Received: 11/24/18 09:15

Lab Sample ID: 490-163775-1

Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.500		ug/L			11/24/18 19:39	1
Toluene	ND		0.500		ug/L			11/24/18 19:39	1
trans-1,2-Dichloroethene	ND		0.500		ug/L			11/24/18 19:39	1
trans-1,3-Dichloropropene	ND		0.500		ug/L			11/24/18 19:39	1
1,2,3-Trichlorobenzene	ND	*	0.500		ug/L			11/24/18 19:39	1
1,2,4-Trichlorobenzene	ND		0.500		ug/L			11/24/18 19:39	1
1,1,1-Trichloroethane	ND		0.500		ug/L			11/24/18 19:39	1
1,1,2-Trichloroethane	ND		0.500		ug/L			11/24/18 19:39	1
Trichloroethene	ND		0.500		ug/L			11/24/18 19:39	1
Trichlorofluoromethane	ND		0.500		ug/L			11/24/18 19:39	1
1,2,3-Trichloropropane	ND		0.500		ug/L			11/24/18 19:39	1
1,2,4-Trimethylbenzene	ND		0.500		ug/L			11/24/18 19:39	1
1,3,5-Trimethylbenzene	ND		0.500		ug/L			11/24/18 19:39	1
Vinyl chloride	ND		0.500		ug/L			11/24/18 19:39	1
Xylenes, Total	ND		1.00		ug/L			11/24/18 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*11/24/18 19:39*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*11/24/18 19:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*11/24/18 19:39*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/24/18 19:39*	*1*

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: 124 Hanover GAC-1 EFF

Lab Sample ID: 490-163775-2

Date Collected: 11/20/18 13:36
Matrix: Water
Date Received: 11/24/18 09:15

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.500		ug/L			11/24/18 19:12	1
Bromobenzene	ND		0.500		ug/L			11/24/18 19:12	1
Bromochloromethane	ND		0.500		ug/L			11/24/18 19:12	1
Bromodichloromethane	ND		0.500		ug/L			11/24/18 19:12	1
Bromoform	ND		0.500		ug/L			11/24/18 19:12	1
Bromomethane	ND	*	0.500		ug/L			11/24/18 19:12	1
Carbon disulfide	ND		0.500		ug/L			11/24/18 19:12	1
Carbon tetrachloride	ND		0.500		ug/L			11/24/18 19:12	1
Chlorobenzene	ND		0.500		ug/L			11/24/18 19:12	1
Chlorodibromomethane	ND		0.500		ug/L			11/24/18 19:12	1
Chloroethane	ND		0.500		ug/L			11/24/18 19:12	1
Chloroform	ND		0.500		ug/L			11/24/18 19:12	1
Chloromethane	ND		0.500		ug/L			11/24/18 19:12	1
2-Chlorotoluene	ND		0.500		ug/L			11/24/18 19:12	1
4-Chlorotoluene	ND		0.500		ug/L			11/24/18 19:12	1
cis-1,2-Dichloroethene	ND		0.500		ug/L			11/24/18 19:12	1
cis-1,3-Dichloropropene	ND		0.500		ug/L			11/24/18 19:12	1
1,2-Dibromo-3-Chloropropane	ND		2.00		ug/L			11/24/18 19:12	1
1,2-Dibromoethane (EDB)	ND		0.500		ug/L			11/24/18 19:12	1
Dibromomethane	ND		0.500		ug/L			11/24/18 19:12	1
1,2-Dichlorobenzene	ND		0.500		ug/L			11/24/18 19:12	1
1,3-Dichlorobenzene	ND		0.500		ug/L			11/24/18 19:12	1
1,4-Dichlorobenzene	ND		0.500		ug/L			11/24/18 19:12	1
Dichlorodifluoromethane	ND		0.500		ug/L			11/24/18 19:12	1
1,1-Dichloroethane	ND		0.500		ug/L			11/24/18 19:12	1
1,2-Dichloroethane	ND		0.500		ug/L			11/24/18 19:12	1
1,1-Dichloroethene	ND		0.500		ug/L			11/24/18 19:12	1
1,2-Dichloropropane	ND		0.500		ug/L			11/24/18 19:12	1
1,3-Dichloropropane	ND		0.500		ug/L			11/24/18 19:12	1
2,2-Dichloropropane	ND		0.500		ug/L			11/24/18 19:12	1
1,1-Dichloropropene	ND		0.500		ug/L			11/24/18 19:12	1
Diisopropyl ether	ND		0.500		ug/L			11/24/18 19:12	1
Ethylbenzene	ND		0.500		ug/L			11/24/18 19:12	1
Ethyl tert-butyl ether	ND		0.500		ug/L			11/24/18 19:12	1
Hexachlorobutadiene	ND		0.500		ug/L			11/24/18 19:12	1
Isopropylbenzene	ND		0.500		ug/L			11/24/18 19:12	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 19:12	1
Methyl tert-butyl ether	**1.21**		0.500		ug/L			11/24/18 19:12	1
Naphthalene	ND	*	5.00		ug/L			11/24/18 19:12	1
n-Butylbenzene	ND		0.500		ug/L			11/24/18 19:12	1
N-Propylbenzene	ND		0.500		ug/L			11/24/18 19:12	1
p-Isopropyltoluene	ND		0.500		ug/L			11/24/18 19:12	1
sec-Butylbenzene	ND		0.500		ug/L			11/24/18 19:12	1
Styrene	ND		0.500		ug/L			11/24/18 19:12	1
Tert-amyl methyl ether	ND		0.500		ug/L			11/24/18 19:12	1
tert-Butyl alcohol	ND		10.0		ug/L			11/24/18 19:12	1
tert-Butylbenzene	ND		0.500		ug/L			11/24/18 19:12	1
1,1,1,2-Tetrachloroethane	ND		0.500		ug/L			11/24/18 19:12	1
1,1,2,2-Tetrachloroethane	ND		0.500		ug/L			11/24/18 19:12	1

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: 124 Hanover GAC-1 EFF

Lab Sample ID: 490-163775-2

Date Collected: 11/20/18 13:36
Matrix: Water
Date Received: 11/24/18 09:15

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.500		ug/L			11/24/18 19:12	1
Toluene	ND		0.500		ug/L			11/24/18 19:12	1
trans-1,2-Dichloroethene	ND		0.500		ug/L			11/24/18 19:12	1
trans-1,3-Dichloropropene	ND		0.500		ug/L			11/24/18 19:12	1
1,2,3-Trichlorobenzene	ND	*	0.500		ug/L			11/24/18 19:12	1
1,2,4-Trichlorobenzene	ND		0.500		ug/L			11/24/18 19:12	1
1,1,1-Trichloroethane	ND		0.500		ug/L			11/24/18 19:12	1
1,1,2-Trichloroethane	ND		0.500		ug/L			11/24/18 19:12	1
Trichloroethene	ND		0.500		ug/L			11/24/18 19:12	1
Trichlorofluoromethane	ND		0.500		ug/L			11/24/18 19:12	1
1,2,3-Trichloropropane	ND		0.500		ug/L			11/24/18 19:12	1
1,2,4-Trimethylbenzene	ND		0.500		ug/L			11/24/18 19:12	1
1,3,5-Trimethylbenzene	ND		0.500		ug/L			11/24/18 19:12	1
Vinyl chloride	ND		0.500		ug/L			11/24/18 19:12	1
Xylenes, Total	ND		1.00		ug/L			11/24/18 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/24/18 19:12*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*11/24/18 19:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*		*11/24/18 19:12*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/24/18 19:12*	*1*

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: 124 Hanover GAC-2 EFF

Lab Sample ID: 490-163775-3

Date Collected: 11/20/18 13:33
Matrix: Water
Date Received: 11/24/18 09:15

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.500		ug/L			11/24/18 18:45	1
Bromobenzene	ND		0.500		ug/L			11/24/18 18:45	1
Bromochloromethane	ND		0.500		ug/L			11/24/18 18:45	1
Bromodichloromethane	ND		0.500		ug/L			11/24/18 18:45	1
Bromoform	ND		0.500		ug/L			11/24/18 18:45	1
Bromomethane	ND	*	0.500		ug/L			11/24/18 18:45	1
Carbon disulfide	ND		0.500		ug/L			11/24/18 18:45	1
Carbon tetrachloride	ND		0.500		ug/L			11/24/18 18:45	1
Chlorobenzene	ND		0.500		ug/L			11/24/18 18:45	1
Chlorodibromomethane	ND		0.500		ug/L			11/24/18 18:45	1
Chloroethane	ND		0.500		ug/L			11/24/18 18:45	1
Chloroform	ND		0.500		ug/L			11/24/18 18:45	1
Chloromethane	ND		0.500		ug/L			11/24/18 18:45	1
2-Chlorotoluene	ND		0.500		ug/L			11/24/18 18:45	1
4-Chlorotoluene	ND		0.500		ug/L			11/24/18 18:45	1
cis-1,2-Dichloroethene	ND		0.500		ug/L			11/24/18 18:45	1
cis-1,3-Dichloropropene	ND		0.500		ug/L			11/24/18 18:45	1
1,2-Dibromo-3-Chloropropane	ND		2.00		ug/L			11/24/18 18:45	1
1,2-Dibromoethane (EDB)	ND		0.500		ug/L			11/24/18 18:45	1
Dibromomethane	ND		0.500		ug/L			11/24/18 18:45	1
1,2-Dichlorobenzene	ND		0.500		ug/L			11/24/18 18:45	1
1,3-Dichlorobenzene	ND		0.500		ug/L			11/24/18 18:45	1
1,4-Dichlorobenzene	ND		0.500		ug/L			11/24/18 18:45	1
Dichlorodifluoromethane	ND		0.500		ug/L			11/24/18 18:45	1
1,1-Dichloroethane	ND		0.500		ug/L			11/24/18 18:45	1
1,2-Dichloroethane	ND		0.500		ug/L			11/24/18 18:45	1
1,1-Dichloroethene	ND		0.500		ug/L			11/24/18 18:45	1
1,2-Dichloropropane	ND		0.500		ug/L			11/24/18 18:45	1
1,3-Dichloropropane	ND		0.500		ug/L			11/24/18 18:45	1
2,2-Dichloropropane	ND		0.500		ug/L			11/24/18 18:45	1
1,1-Dichloropropene	ND		0.500		ug/L			11/24/18 18:45	1
Diisopropyl ether	ND		0.500		ug/L			11/24/18 18:45	1
Ethylbenzene	ND		0.500		ug/L			11/24/18 18:45	1
Ethyl tert-butyl ether	ND		0.500		ug/L			11/24/18 18:45	1
Hexachlorobutadiene	ND		0.500		ug/L			11/24/18 18:45	1
Isopropylbenzene	ND		0.500		ug/L			11/24/18 18:45	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 18:45	1
Methyl tert-butyl ether	ND		0.500		ug/L			11/24/18 18:45	1
Naphthalene	ND	*	5.00		ug/L			11/24/18 18:45	1
n-Butylbenzene	ND		0.500		ug/L			11/24/18 18:45	1
N-Propylbenzene	ND		0.500		ug/L			11/24/18 18:45	1
p-Isopropyltoluene	ND		0.500		ug/L			11/24/18 18:45	1
sec-Butylbenzene	ND		0.500		ug/L			11/24/18 18:45	1
Styrene	ND		0.500		ug/L			11/24/18 18:45	1
Tert-amyl methyl ether	ND		0.500		ug/L			11/24/18 18:45	1
tert-Butyl alcohol	ND		10.0		ug/L			11/24/18 18:45	1
tert-Butylbenzene	ND		0.500		ug/L			11/24/18 18:45	1
1,1,1,2-Tetrachloroethane	ND		0.500		ug/L			11/24/18 18:45	1
1,1,2,2-Tetrachloroethane	ND		0.500		ug/L			11/24/18 18:45	1

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: 124 Hanover GAC-2 EFF

Lab Sample ID: 490-163775-3

Date Collected: 11/20/18 13:33
Matrix: Water
Date Received: 11/24/18 09:15

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.500		ug/L			11/24/18 18:45	1
Toluene	ND		0.500		ug/L			11/24/18 18:45	1
trans-1,2-Dichloroethene	ND		0.500		ug/L			11/24/18 18:45	1
trans-1,3-Dichloropropene	ND		0.500		ug/L			11/24/18 18:45	1
1,2,3-Trichlorobenzene	ND	*	0.500		ug/L			11/24/18 18:45	1
1,2,4-Trichlorobenzene	ND		0.500		ug/L			11/24/18 18:45	1
1,1,1-Trichloroethane	ND		0.500		ug/L			11/24/18 18:45	1
1,1,2-Trichloroethane	ND		0.500		ug/L			11/24/18 18:45	1
Trichloroethene	ND		0.500		ug/L			11/24/18 18:45	1
Trichlorofluoromethane	ND		0.500		ug/L			11/24/18 18:45	1
1,2,3-Trichloropropane	ND		0.500		ug/L			11/24/18 18:45	1
1,2,4-Trimethylbenzene	ND		0.500		ug/L			11/24/18 18:45	1
1,3,5-Trimethylbenzene	ND		0.500		ug/L			11/24/18 18:45	1
Vinyl chloride	ND		0.500		ug/L			11/24/18 18:45	1
Xylenes, Total	ND		1.00		ug/L			11/24/18 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*11/24/18 18:45*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*11/24/18 18:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*		*11/24/18 18:45*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/24/18 18:45*	*1*

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: 124 Hanover FINAL EFF

Lab Sample ID: 490-163775-4

Date Collected: 11/20/18 13:00
Matrix: Water
Date Received: 11/24/18 09:15

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.500		ug/L			11/24/18 18:18	1
Bromobenzene	ND		0.500		ug/L			11/24/18 18:18	1
Bromochloromethane	ND		0.500		ug/L			11/24/18 18:18	1
Bromodichloromethane	ND		0.500		ug/L			11/24/18 18:18	1
Bromoform	ND		0.500		ug/L			11/24/18 18:18	1
Bromomethane	ND	*	0.500		ug/L			11/24/18 18:18	1
Carbon disulfide	ND		0.500		ug/L			11/24/18 18:18	1
Carbon tetrachloride	ND		0.500		ug/L			11/24/18 18:18	1
Chlorobenzene	ND		0.500		ug/L			11/24/18 18:18	1
Chlorodibromomethane	ND		0.500		ug/L			11/24/18 18:18	1
Chloroethane	ND		0.500		ug/L			11/24/18 18:18	1
Chloroform	ND		0.500		ug/L			11/24/18 18:18	1
Chloromethane	ND		0.500		ug/L			11/24/18 18:18	1
2-Chlorotoluene	ND		0.500		ug/L			11/24/18 18:18	1
4-Chlorotoluene	ND		0.500		ug/L			11/24/18 18:18	1
cis-1,2-Dichloroethene	ND		0.500		ug/L			11/24/18 18:18	1
cis-1,3-Dichloropropene	ND		0.500		ug/L			11/24/18 18:18	1
1,2-Dibromo-3-Chloropropane	ND		2.00		ug/L			11/24/18 18:18	1
1,2-Dibromoethane (EDB)	ND		0.500		ug/L			11/24/18 18:18	1
Dibromomethane	ND		0.500		ug/L			11/24/18 18:18	1
1,2-Dichlorobenzene	ND		0.500		ug/L			11/24/18 18:18	1
1,3-Dichlorobenzene	ND		0.500		ug/L			11/24/18 18:18	1
1,4-Dichlorobenzene	ND		0.500		ug/L			11/24/18 18:18	1
Dichlorodifluoromethane	ND		0.500		ug/L			11/24/18 18:18	1
1,1-Dichloroethane	ND		0.500		ug/L			11/24/18 18:18	1
1,2-Dichloroethane	ND		0.500		ug/L			11/24/18 18:18	1
1,1-Dichloroethene	ND		0.500		ug/L			11/24/18 18:18	1
1,2-Dichloropropane	ND		0.500		ug/L			11/24/18 18:18	1
1,3-Dichloropropane	ND		0.500		ug/L			11/24/18 18:18	1
2,2-Dichloropropane	ND		0.500		ug/L			11/24/18 18:18	1
1,1-Dichloropropene	ND		0.500		ug/L			11/24/18 18:18	1
Diisopropyl ether	ND		0.500		ug/L			11/24/18 18:18	1
Ethylbenzene	ND		0.500		ug/L			11/24/18 18:18	1
Ethyl tert-butyl ether	ND		0.500		ug/L			11/24/18 18:18	1
Hexachlorobutadiene	ND		0.500		ug/L			11/24/18 18:18	1
Isopropylbenzene	ND		0.500		ug/L			11/24/18 18:18	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 18:18	1
Methyl tert-butyl ether	ND		0.500		ug/L			11/24/18 18:18	1
Naphthalene	ND	*	5.00		ug/L			11/24/18 18:18	1
n-Butylbenzene	ND		0.500		ug/L			11/24/18 18:18	1
N-Propylbenzene	ND		0.500		ug/L			11/24/18 18:18	1
p-Isopropyltoluene	ND		0.500		ug/L			11/24/18 18:18	1
sec-Butylbenzene	ND		0.500		ug/L			11/24/18 18:18	1
Styrene	ND		0.500		ug/L			11/24/18 18:18	1
Tert-amyl methyl ether	ND		0.500		ug/L			11/24/18 18:18	1
tert-Butyl alcohol	ND		10.0		ug/L			11/24/18 18:18	1
tert-Butylbenzene	ND		0.500		ug/L			11/24/18 18:18	1
1,1,1,2-Tetrachloroethane	ND		0.500		ug/L			11/24/18 18:18	1
1,1,2,2-Tetrachloroethane	ND		0.500		ug/L			11/24/18 18:18	1

Client Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: 124 Hanover FINAL EFF

Lab Sample ID: 490-163775-4

Date Collected: 11/20/18 13:00
Matrix: Water
Date Received: 11/24/18 09:15

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.500		ug/L			11/24/18 18:18	1
Toluene	ND		0.500		ug/L			11/24/18 18:18	1
trans-1,2-Dichloroethene	ND		0.500		ug/L			11/24/18 18:18	1
trans-1,3-Dichloropropene	ND		0.500		ug/L			11/24/18 18:18	1
1,2,3-Trichlorobenzene	ND	*	0.500		ug/L			11/24/18 18:18	1
1,2,4-Trichlorobenzene	ND		0.500		ug/L			11/24/18 18:18	1
1,1,1-Trichloroethane	ND		0.500		ug/L			11/24/18 18:18	1
1,1,2-Trichloroethane	ND		0.500		ug/L			11/24/18 18:18	1
Trichloroethene	ND		0.500		ug/L			11/24/18 18:18	1
Trichlorofluoromethane	ND		0.500		ug/L			11/24/18 18:18	1
1,2,3-Trichloropropane	ND		0.500		ug/L			11/24/18 18:18	1
1,2,4-Trimethylbenzene	ND		0.500		ug/L			11/24/18 18:18	1
1,3,5-Trimethylbenzene	ND		0.500		ug/L			11/24/18 18:18	1
Vinyl chloride	ND		0.500		ug/L			11/24/18 18:18	1
Xylenes, Total	ND		1.00		ug/L			11/24/18 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*11/24/18 18:18*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*11/24/18 18:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*		*11/24/18 18:18*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/24/18 18:18*	*1*

QC Sample Results

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-559495/7
Matrix: Water
Analysis Batch: 559495

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.500		ug/L			11/24/18 17:51	1
Bromobenzene	ND		0.500		ug/L			11/24/18 17:51	1
Bromochloromethane	ND		0.500		ug/L			11/24/18 17:51	1
Bromodichloromethane	ND		0.500		ug/L			11/24/18 17:51	1
Bromoform	ND		0.500		ug/L			11/24/18 17:51	1
Bromomethane	ND		0.500		ug/L			11/24/18 17:51	1
Carbon disulfide	ND		0.500		ug/L			11/24/18 17:51	1
Carbon tetrachloride	ND		0.500		ug/L			11/24/18 17:51	1
Chlorobenzene	ND		0.500		ug/L			11/24/18 17:51	1
Chlorodibromomethane	ND		0.500		ug/L			11/24/18 17:51	1
Chloroethane	ND		0.500		ug/L			11/24/18 17:51	1
Chloroform	ND		0.500		ug/L			11/24/18 17:51	1
Chloromethane	ND		0.500		ug/L			11/24/18 17:51	1
2-Chlorotoluene	ND		0.500		ug/L			11/24/18 17:51	1
4-Chlorotoluene	ND		0.500		ug/L			11/24/18 17:51	1
cis-1,2-Dichloroethene	ND		0.500		ug/L			11/24/18 17:51	1
cis-1,3-Dichloropropene	ND		0.500		ug/L			11/24/18 17:51	1
1,2-Dibromo-3-Chloropropane	ND		2.00		ug/L			11/24/18 17:51	1
1,2-Dibromoethane (EDB)	ND		0.500		ug/L			11/24/18 17:51	1
Dibromomethane	ND		0.500		ug/L			11/24/18 17:51	1
1,2-Dichlorobenzene	ND		0.500		ug/L			11/24/18 17:51	1
1,3-Dichlorobenzene	ND		0.500		ug/L			11/24/18 17:51	1
1,4-Dichlorobenzene	ND		0.500		ug/L			11/24/18 17:51	1
Dichlorodifluoromethane	ND		0.500		ug/L			11/24/18 17:51	1
1,1-Dichloroethane	ND		0.500		ug/L			11/24/18 17:51	1
1,2-Dichloroethane	ND		0.500		ug/L			11/24/18 17:51	1
1,1-Dichloroethene	ND		0.500		ug/L			11/24/18 17:51	1
1,2-Dichloropropane	ND		0.500		ug/L			11/24/18 17:51	1
1,3-Dichloropropane	ND		0.500		ug/L			11/24/18 17:51	1
2,2-Dichloropropane	ND		0.500		ug/L			11/24/18 17:51	1
1,1-Dichloropropene	ND		0.500		ug/L			11/24/18 17:51	1
Diisopropyl ether	ND		0.500		ug/L			11/24/18 17:51	1
Ethylbenzene	ND		0.500		ug/L			11/24/18 17:51	1
Ethyl tert-butyl ether	ND		0.500		ug/L			11/24/18 17:51	1
Hexachlorobutadiene	ND		0.500		ug/L			11/24/18 17:51	1
Isopropylbenzene	ND		0.500		ug/L			11/24/18 17:51	1
Methylene Chloride	ND		5.00		ug/L			11/24/18 17:51	1
Methyl tert-butyl ether	ND		0.500		ug/L			11/24/18 17:51	1
Naphthalene	ND		5.00		ug/L			11/24/18 17:51	1
n-Butylbenzene	ND		0.500		ug/L			11/24/18 17:51	1
N-Propylbenzene	ND		0.500		ug/L			11/24/18 17:51	1
p-Isopropyltoluene	ND		0.500		ug/L			11/24/18 17:51	1
sec-Butylbenzene	ND		0.500		ug/L			11/24/18 17:51	1
Styrene	ND		0.500		ug/L			11/24/18 17:51	1
Tert-amyl methyl ether	ND		0.500		ug/L			11/24/18 17:51	1
tert-Butyl alcohol	ND		10.0		ug/L			11/24/18 17:51	1
tert-Butylbenzene	ND		0.500		ug/L			11/24/18 17:51	1
1,1,1,2-Tetrachloroethane	ND		0.500		ug/L			11/24/18 17:51	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-559495/7
Matrix: Water
Analysis Batch: 559495

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.500		ug/L			11/24/18 17:51	1
Tetrachloroethene	ND		0.500		ug/L			11/24/18 17:51	1
Toluene	ND		0.500		ug/L			11/24/18 17:51	1
trans-1,2-Dichloroethene	ND		0.500		ug/L			11/24/18 17:51	1
trans-1,3-Dichloropropene	ND		0.500		ug/L			11/24/18 17:51	1
1,2,3-Trichlorobenzene	ND		0.500		ug/L			11/24/18 17:51	1
1,2,4-Trichlorobenzene	ND		0.500		ug/L			11/24/18 17:51	1
1,1,1-Trichloroethane	ND		0.500		ug/L			11/24/18 17:51	1
1,1,2-Trichloroethane	ND		0.500		ug/L			11/24/18 17:51	1
Trichloroethene	ND		0.500		ug/L			11/24/18 17:51	1
Trichlorofluoromethane	ND		0.500		ug/L			11/24/18 17:51	1
1,2,3-Trichloropropane	ND		0.500		ug/L			11/24/18 17:51	1
1,2,4-Trimethylbenzene	ND		0.500		ug/L			11/24/18 17:51	1
1,3,5-Trimethylbenzene	ND		0.500		ug/L			11/24/18 17:51	1
Vinyl chloride	ND		0.500		ug/L			11/24/18 17:51	1
Xylenes, Total	ND		1.00		ug/L			11/24/18 17:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*11/24/18 17:51*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*11/24/18 17:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*11/24/18 17:51*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*11/24/18 17:51*	*1*

Lab Sample ID: LCS 490-559495/3
Matrix: Water
Analysis Batch: 559495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	5.00	5.791		ug/L		116	70 - 130
Bromobenzene	5.00	5.825		ug/L		116	70 - 130
Bromochloromethane	5.00	5.899		ug/L		118	70 - 130
Bromodichloromethane	5.00	5.380		ug/L		108	70 - 130
Bromoform	5.00	5.605		ug/L		112	70 - 130
Bromomethane	5.00	6.209		ug/L		124	70 - 130
Carbon disulfide	5.00	5.916		ug/L		118	70 - 130
Carbon tetrachloride	5.00	5.482		ug/L		110	70 - 130
Chlorobenzene	5.00	5.810		ug/L		116	70 - 130
Chlorodibromomethane	5.00	5.877		ug/L		118	70 - 130
Chloroethane	5.00	5.136		ug/L		103	70 - 130
Chloroform	5.00	5.434		ug/L		109	70 - 130
Chloromethane	5.00	4.959		ug/L		99	70 - 130
2-Chlorotoluene	5.00	6.211		ug/L		124	70 - 130
4-Chlorotoluene	5.00	6.190		ug/L		124	70 - 130
cis-1,2-Dichloroethene	5.00	5.694		ug/L		114	70 - 130
cis-1,3-Dichloropropene	5.00	5.186		ug/L		104	70 - 130
1,2-Dibromo-3-Chloropropane	5.00	5.169		ug/L		103	70 - 130
1,2-Dibromoethane (EDB)	5.00	5.820		ug/L		116	70 - 130
Dibromomethane	5.00	5.426		ug/L		109	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-559495/3
Matrix: Water
Analysis Batch: 559495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	5.00	6.215		ug/L		124	70 - 130
1,3-Dichlorobenzene	5.00	5.905		ug/L		118	70 - 130
1,4-Dichlorobenzene	5.00	5.866		ug/L		117	70 - 130
Dichlorodifluoromethane	5.00	3.793		ug/L		76	70 - 130
1,1-Dichloroethane	5.00	5.382		ug/L		108	70 - 130
1,2-Dichloroethane	5.00	4.848		ug/L		97	70 - 130
1,1-Dichloroethene	5.00	5.983		ug/L		120	70 - 130
1,2-Dichloropropane	5.00	5.600		ug/L		112	70 - 130
1,3-Dichloropropane	5.00	5.607		ug/L		112	70 - 130
2,2-Dichloropropane	5.00	5.172		ug/L		103	70 - 130
1,1-Dichloropropene	5.00	5.641		ug/L		113	70 - 130
Diisopropyl ether	5.00	4.501		ug/L		90	70 - 130
Ethylbenzene	5.00	5.887		ug/L		118	70 - 130
Ethyl tert-butyl ether	5.00	4.095		ug/L		82	70 - 130
Hexachlorobutadiene	5.00	6.200		ug/L		124	70 - 130
Isopropylbenzene	5.00	5.386		ug/L		108	70 - 130
Methylene Chloride	5.00	5.992		ug/L		120	70 - 130
Methyl tert-butyl ether	5.00	4.483		ug/L		90	70 - 130
Naphthalene	5.00	7.466	*	ug/L		149	70 - 130
n-Butylbenzene	5.00	5.444		ug/L		109	70 - 130
N-Propylbenzene	5.00	5.443		ug/L		109	70 - 130
p-Isopropyltoluene	5.00	5.296		ug/L		106	70 - 130
sec-Butylbenzene	5.00	5.545		ug/L		111	70 - 130
Styrene	5.00	5.533		ug/L		111	70 - 130
Tert-amyl methyl ether	5.00	4.538		ug/L		91	70 - 130
tert-Butyl alcohol	50.0	54.00		ug/L		108	70 - 130
tert-Butylbenzene	5.00	5.274		ug/L		105	70 - 130
1,1,1,2-Tetrachloroethane	5.00	5.757		ug/L		115	70 - 130
1,1,2,2-Tetrachloroethane	5.00	5.951		ug/L		119	70 - 130
Tetrachloroethene	5.00	5.245		ug/L		105	70 - 130
Toluene	5.00	5.750		ug/L		115	70 - 130
trans-1,2-Dichloroethene	5.00	5.738		ug/L		115	70 - 130
trans-1,3-Dichloropropene	5.00	5.000		ug/L		100	70 - 130
1,2,3-Trichlorobenzene	5.00	6.712	*	ug/L		134	70 - 130
1,2,4-Trichlorobenzene	5.00	6.514		ug/L		130	70 - 130
1,1,1-Trichloroethane	5.00	5.406		ug/L		108	70 - 130
1,1,2-Trichloroethane	5.00	5.499		ug/L		110	70 - 130
Trichloroethene	5.00	5.765		ug/L		115	70 - 130
Trichlorofluoromethane	5.00	4.574		ug/L		91	70 - 130
1,2,3-Trichloropropane	5.00	5.554		ug/L		111	70 - 130
1,2,4-Trimethylbenzene	5.00	5.583		ug/L		112	70 - 130
1,3,5-Trimethylbenzene	5.00	5.779		ug/L		116	70 - 130
Vinyl chloride	5.00	4.967		ug/L		99	70 - 130
Xylenes, Total	10.0	11.35		ug/L		113	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-559495/3
Matrix: Water
Analysis Batch: 559495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 490-559495/4
Matrix: Water
Analysis Batch: 559495

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	5.00	5.807		ug/L		116	70 - 130	0	20
Bromobenzene	5.00	5.538		ug/L		111	70 - 130	5	20
Bromochloromethane	5.00	5.801		ug/L		116	70 - 130	2	20
Bromodichloromethane	5.00	5.316		ug/L		106	70 - 130	1	20
Bromoform	5.00	5.153		ug/L		103	70 - 130	8	20
Bromomethane	5.00	6.926	*	ug/L		139	70 - 130	11	20
Carbon disulfide	5.00	6.008		ug/L		120	70 - 130	2	20
Carbon tetrachloride	5.00	5.100		ug/L		102	70 - 130	7	20
Chlorobenzene	5.00	5.794		ug/L		116	70 - 130	0	20
Chlorodibromomethane	5.00	5.443		ug/L		109	70 - 130	8	20
Chloroethane	5.00	4.913		ug/L		98	70 - 130	4	20
Chloroform	5.00	5.589		ug/L		112	70 - 130	3	20
Chloromethane	5.00	4.789		ug/L		96	70 - 130	3	20
2-Chlorotoluene	5.00	5.586		ug/L		112	70 - 130	11	20
4-Chlorotoluene	5.00	6.302		ug/L		126	70 - 130	2	20
cis-1,2-Dichloroethene	5.00	5.825		ug/L		117	70 - 130	2	20
cis-1,3-Dichloropropene	5.00	5.193		ug/L		104	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	5.00	5.050		ug/L		101	70 - 130	2	20
1,2-Dibromoethane (EDB)	5.00	5.693		ug/L		114	70 - 130	2	20
Dibromomethane	5.00	5.280		ug/L		106	70 - 130	3	20
1,2-Dichlorobenzene	5.00	5.489		ug/L		110	70 - 130	12	20
1,3-Dichlorobenzene	5.00	5.785		ug/L		116	70 - 130	2	20
1,4-Dichlorobenzene	5.00	5.428		ug/L		109	70 - 130	8	20
Dichlorodifluoromethane	5.00	3.934		ug/L		79	70 - 130	4	20
1,1-Dichloroethane	5.00	5.440		ug/L		109	70 - 130	1	20
1,2-Dichloroethane	5.00	5.019		ug/L		100	70 - 130	3	20
1,1-Dichloroethene	5.00	6.059		ug/L		121	70 - 130	1	20
1,2-Dichloropropane	5.00	5.030		ug/L		101	70 - 130	11	20
1,3-Dichloropropane	5.00	5.427		ug/L		109	70 - 130	3	20
2,2-Dichloropropane	5.00	4.960		ug/L		99	70 - 130	4	20
1,1-Dichloropropene	5.00	5.641		ug/L		113	70 - 130	0	20
Diisopropyl ether	5.00	4.578		ug/L		92	70 - 130	2	20
Ethylbenzene	5.00	5.748		ug/L		115	70 - 130	2	20
Ethyl tert-butyl ether	5.00	4.174		ug/L		83	70 - 130	2	20
Hexachlorobutadiene	5.00	5.491		ug/L		110	70 - 130	12	20
Isopropylbenzene	5.00	5.492		ug/L		110	70 - 130	2	20
Methylene Chloride	5.00	5.986		ug/L		120	70 - 130	0	20
Methyl tert-butyl ether	5.00	4.360		ug/L		87	70 - 130	3	20
Naphthalene	5.00	6.070	*	ug/L		121	70 - 130	21	20
n-Butylbenzene	5.00	4.947		ug/L		99	70 - 130	10	20

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-559495/4
Matrix: Water
Analysis Batch: 559495

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
N-Propylbenzene			5.00	5.398		ug/L		108	70 - 130	1	20
p-Isopropyltoluene			5.00	5.420		ug/L		108	70 - 130	2	20
sec-Butylbenzene			5.00	5.512		ug/L		110	70 - 130	1	20
Styrene			5.00	5.616		ug/L		112	70 - 130	1	20
Tert-amyl methyl ether			5.00	4.341		ug/L		87	70 - 130	4	20
tert-Butyl alcohol			50.0	58.71		ug/L		117	70 - 130	8	20
tert-Butylbenzene			5.00	5.317		ug/L		106	70 - 130	1	20
1,1,1,2-Tetrachloroethane			5.00	5.789		ug/L		116	70 - 130	1	20
1,1,2,2-Tetrachloroethane			5.00	5.363		ug/L		107	70 - 130	10	20
Tetrachloroethene			5.00	5.316		ug/L		106	70 - 130	1	20
Toluene			5.00	5.511		ug/L		110	70 - 130	4	20
trans-1,2-Dichloroethene			5.00	5.862		ug/L		117	70 - 130	2	20
trans-1,3-Dichloropropene			5.00	4.838		ug/L		97	70 - 130	3	20
1,2,3-Trichlorobenzene			5.00	6.007		ug/L		120	70 - 130	11	20
1,2,4-Trichlorobenzene			5.00	5.797		ug/L		116	70 - 130	12	20
1,1,1-Trichloroethane			5.00	5.654		ug/L		113	70 - 130	4	20
1,1,2-Trichloroethane			5.00	5.403		ug/L		108	70 - 130	2	20
Trichloroethene			5.00	5.820		ug/L		116	70 - 130	1	20
Trichlorofluoromethane			5.00	4.603		ug/L		92	70 - 130	1	20
1,2,3-Trichloropropane			5.00	5.296		ug/L		106	70 - 130	5	20
1,2,4-Trimethylbenzene			5.00	5.533		ug/L		111	70 - 130	1	20
1,3,5-Trimethylbenzene			5.00	5.867		ug/L		117	70 - 130	2	20
Vinyl chloride			5.00	5.034		ug/L		101	70 - 130	1	20
Xylenes, Total			10.0	11.16		ug/L		112	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

QC Association Summary

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

GC/MS VOA

Analysis Batch: 559495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-163775-1	124 Hanover INF	Total/NA	Water	524.2	
490-163775-2	124 Hanover GAC-1 EFF	Total/NA	Water	524.2	
490-163775-3	124 Hanover GAC-2 EFF	Total/NA	Water	524.2	
490-163775-4	124 Hanover FINAL EFF	Total/NA	Water	524.2	
MB 490-559495/7	Method Blank	Total/NA	Water	524.2	
LCS 490-559495/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 490-559495/4	Lab Control Sample Dup	Total/NA	Water	524.2	

Lab Chronicle

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

Client Sample ID: 124 Hanover INF — Lab Sample ID: 490-163775-1

Date Collected: 11/20/18 13:39 — **Matrix: Water**
Date Received: 11/24/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	10 mL	10 mL	559495	11/24/18 19:39	AK1	TAL NSH

Client Sample ID: 124 Hanover GAC-1 EFF — Lab Sample ID: 490-163775-2

Date Collected: 11/20/18 13:36 — **Matrix: Water**
Date Received: 11/24/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	10 mL	10 mL	559495	11/24/18 19:12	AK1	TAL NSH

Client Sample ID: 124 Hanover GAC-2 EFF — Lab Sample ID: 490-163775-3

Date Collected: 11/20/18 13:33 — **Matrix: Water**
Date Received: 11/24/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	10 mL	10 mL	559495	11/24/18 18:45	AK1	TAL NSH

Client Sample ID: 124 Hanover FINAL EFF — Lab Sample ID: 490-163775-4

Date Collected: 11/20/18 13:00 — **Matrix: Water**
Date Received: 11/24/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	10 mL	10 mL	559495	11/24/18 18:18	AK1	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL NSH

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Accreditation/Certification Summary

Client: AECOM
Project/Site: 32785.Hampstead.EL

TestAmerica Job ID: 490-163775-1
SDG: 125 Hanover Pike, Hampstead, MD

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Maryland	State Program	3	316	03-31-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
524.2		Water	1,1,1,2-Tetrachloroethane
524.2		Water	1,1,2,2-Tetrachloroethane
524.2		Water	1,1-Dichloroethane
524.2		Water	1,1-Dichloropropene
524.2		Water	1,2,3-Trichlorobenzene
524.2		Water	1,2,3-Trichloropropane
524.2		Water	1,2,4-Trimethylbenzene
524.2		Water	1,2-Dibromo-3-Chloropropane
524.2		Water	1,2-Dibromoethane (EDB)
524.2		Water	1,3,5-Trimethylbenzene
524.2		Water	1,3-Dichlorobenzene
524.2		Water	1,3-Dichloropropane
524.2		Water	2,2-Dichloropropane
524.2		Water	2-Chlorotoluene
524.2		Water	4-Chlorotoluene
524.2		Water	Bromobenzene
524.2		Water	Bromochloromethane
524.2		Water	Bromomethane
524.2		Water	Carbon disulfide
524.2		Water	Chloroethane
524.2		Water	Chloromethane
524.2		Water	cis-1,3-Dichloropropene
524.2		Water	Dibromomethane
524.2		Water	Dichlorodifluoromethane
524.2		Water	Diisopropyl ether
524.2		Water	Ethyl tert-butyl ether
524.2		Water	Hexachlorobutadiene
524.2		Water	Isopropylbenzene
524.2		Water	Methyl tert-butyl ether
524.2		Water	Naphthalene
524.2		Water	n-Butylbenzene
524.2		Water	N-Propylbenzene
524.2		Water	p-Isopropyltoluene
524.2		Water	sec-Butylbenzene
524.2		Water	Tert-amyl methyl ether
524.2		Water	tert-Butyl alcohol
524.2		Water	tert-Butylbenzene
524.2		Water	trans-1,3-Dichloropropene
524.2		Water	Trichlorofluoromethane

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-163775 Chain of Custody

Cooler Received/Opened On 11/24/2018 @ 9:15

Time Samples Removed From Cooler 12:42 Time Samples Placed In Storage 12:51 (2 Hour Window)

1. Tracking # 3517 (last 4 digits, FedEx) Courier: FedEx

   IR Gun ID 17960358 pH Strip Lot N/A Chlorine Strip Lot N/A

2. Temperature of rep. sample or temp blank when opened: 12 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

Larger than this.

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#_____

BIS = Broken in shipment

TestAmerica Nashville
2960 Foster Creighton Drive

Nashville, TN 37204-3719
phone 615.726.0177 fax 615.726.3404

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Baltimore #201

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: **Rachael Allen**	Site Contact:	Proj#: **49008398 (ENFOS)**	COC No:
AECOM	Tel/Fax: **301-289-3802**	Lab Contact: **Jennifer Huckaba**	Carrier:	1 of 1 COCs
8000 Virginia Manor Rd., Suite 110	Analysis Turnaround Time			Sampler: **Mike Parsons**
Beltsville, Maryland 20705	☐ CALENDAR DAYS ☑ WORKING DAYS			For Lab Use Only:
301-289-3900 Phone	TAT if different from Below: Standard			Walk-in Client:
301-289-3901 FAX	☐ 2 weeks			Lab Sampling:
Project Name: **32785.Hampstead.EL**	☐ 1 week			
Site: **125 Hanover Pike, Hampstead, MD**	☐ 2 days			W.O#: **WO312107**
P O #	☐ 1 day			AECOM's Job#: **60338398**

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	524.2 + Oxygenates	Napthalene	Sample Specific Notes:
124 Hanover INF	11/20/18	1339	Grab	H2o	3	N	N	*	*	
124 Hanover GAC-1 EFF		1336	Grab	H2o	3	N	N	*	*	
124 Hanover GAC-2 EFF		1333	Grab	H2o	3	N	N	*	*	
124 Hanover FINAL EFF		1300	Grab	H2o	3	N	N	*	*	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____								2	2	

Loc: 490
163775

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

7-Eleven/AECOM EDD

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 1250 | Cooler Temp. (°C): Obs'd: 1.2 Corr'd: _____ Therm ID No.: _____

Relinquished by: M. Parsons	Company: **AECOM**	Date/Time: 11/23/18	Received by:	Company:	Date/Time: 11/23 12:50
Relinquished by:	Company:	Date/Time: 11/23/18	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA-NAS	Date/Time: 11/24/18 9:15