ARCADIS U.S., Inc.
1114 Benfield Boulevard
Suite A
Millersville
Maryland 21108
Tel 410.987.0032
Fax 410.987.4392
www.arcadis-us.com

ENVIRONMENT

Mr. Robert Hill
Maryland Department of Environment
Oil Control Program
1800 Washington Boulevard
Baltimore, MD 21230

Subject:
First Quarter 2014 Remedial Action Progress Report
Former Exxon Facility #25553
143 Frederick Road
Thurmont, Frederick County, Maryland
MDE Case No. 9-0923-FR (1989-0923-FR)

Date:
31 July 2014

Contact:
Sterling Turner

Phone:
804-665-1074

Email:
sterling.turner@arcadis-us.com

Our ref:
B0085851.0014

Dear Mr. Hill:

ARCADIS U.S. (ARCADIS), on behalf of ExxonMobil Environmental Services Company (EMESC) on behalf ExxonMobil Corporation (ExxonMobil), is pleased to submit the Remedial Action Progress Report (RAPR) for activities performed during First Quarter 2014 at the Former Exxon Station #25553, located at 143 Frederick Road, Thurmont, Maryland.

Please contact Sterling Turner of ARCADIS at (804) 665-1074 if you have any questions regarding the information contained in this report.

Sincerely,

ARCADIS U.S., Inc.

Sarah Matteson	Sterling Turner	Michael Cleary
Geologist I	Associate Project Manager	Senior Geologist

Copies:
Ms. Jewel Cox, ExxonMobil
Mr. Rusty Kahl, ARCADIS

First Quarter 2014 Groundwater Monitoring Report
Former Exxon Facility #25553, 143 Frederick Road, Thurmont, MD

Regulatory Information

Regulatory Agency:	Maryland Department of the Environment (MDE)
MDE Case Number:	9-0923-FR (1989-0923-FR)
Agency Contact:	Mr. Robert Hill
Current Case Status:	Inactive soil vapor extraction (SVE) remediation system and quarterly groundwater monitoring sampling
Reporting Period:	1 January 2014 through 31 March 2014
Last Report:	Fourth Quarter 2013 Remedial Action Progress Report, February 2014

General Site Information

ExxonMobil Contact:	Ms. Jewel Cox
Consultant Contact:	Mr. Sterling Turner
Facility Status:	Former Exxon service station – 143 Frederick Road is now operating as a bank. Remediation System and monitoring wells are located across MD Rt. 806 at 140 Frederick Road, which is currently a truck stop-style multi-unit retail property with petroleum fueling anchored by 7-11. One additional unit contains a restaurant, and the two center units are currently vacant.
Area Property Use:	See local area map (**Figure 1**)
Monitoring Wells:	MW-5, MW-6, MW-11, MW-13A, MW-37, MW-38, MW-46, MW-48, MW-50, MW-53D, MW-53I, MW-53S, MW-54D, MW-54S, MW-55D, MW-55I, MW-55S, VW-1 through VW-3, MP-1 through MP-3, and DPE-1 (**Figure 2**)
Recovery Wells:	RW-52 (Former GWPT), MW-14A, and MW-51 (SVE)
Abandoned Wells:	MW-4, MW-7, MW-9, MW-10, MW-12, MW-13, MW-14 through MW-24, MW-30 through

	MW-33, MW-35, MW-39 through MW42, MW-44, MW-47, MW-49, and VMW-4
Destroyed Wells:	MW-1 through MW-3, MW-8, MW-25, MW-26, MW-27, MW-29, MW-34, MW-36, MW-43, MW-45, and VW-5 through VW-7
Site Geology:	Dense silt, clay, and cobble overlaying competent fractured limestone bedrock

Activities Completed this Period

7 March 2014 – Groundwater Gauging and Sampling

Wells Gauged and Sampled:	Shallow wells: MW-5, MW-6, MW-11, MW-37, MW-50, MW-51, MW-53S, MW-54S, MW-55S, VW-1, VW-2, VW-3, MP-1, MP-2, and DPE-1; MP-3 was obstructed Deep wells: MW-13A, MW-14A, MW-38, MW-46, MW-48, MW-53I, MW-53D, MW-54D, MW-55I, MW-55D, and RW-52
Liquid Phase Hydrocarbon:	None detected
Minimum/Maximum Depth to Water:	2.68 feet (VW-2) / 14.60 feet (MW-54D)
Groundwater Flow Direction:	Southeast

Groundwater samples were collected 7 March 2014 and submitted to TestAmerica Laboratories of Nashville, Tennessee benzene, toluene, ethylbenzene, and total xylenes (BTEX) and fuel oxygenates using Environmental Protection Agency (EPA) Method 8260B, and total petroleum hydrocarbons – gasoline range organics (TPH-GRO) and total petroleum hydrocarbons – diesel range organics (TPH-DRO) by EPA Method 8015. Monitoring well gauging and sampling data are summarized on **Table 1** and depicted on **Figures 3 and 4**. No liquid phase hydrocarbon (LPH) was detected during this reporting period. Quality Assurance/Quality Control (QA/QC) samples collected included two duplicate samples (collected from MW-53S and DPE-1), a rinsate blank, and trip blank. The TestAmerica laboratory groundwater analytical report is attached as **Appendix A**.

Groundwater Sampling Results

Benzene, toluene, ethylbenzene, methyl tertiary butyl ether (MTBE), TPH-DRO, and TPH-GRO were detected at concentrations exceeding MDE Groundwater (GW) Clean-up Standards in samples collected from multiple wells:

In the shallow well network:

- Benzene was detected at concentrations exceeding the MDE GW standard (5 µg/L) in eight samples (MW-11, MW-51, MW-53S, MW-55S, VW-1, MP-1, MP-2, and DPE-1) with a maximum concentration of 13,900 µg/L in the sample collected from MW-53S.

- Toluene was detected at concentrations exceeding the MDE GW standard (1,000 µg/L) in three samples (MW-53S, MP-1, and DPE-1) with a maximum concentration of 19,700 µg/L in the sample collected from MW-53S.

- Ethylbenzene was detected at concentrations exceeding the MDE GW standard (700 µg/L) in three samples (MW-53S, MP-1, and DPE-1) with a maximum concentration of 1,910 µg/L in the sample collected from DPE-1.

- MTBE was detected at concentrations exceeding the MDE GW standard (20 µg/L) in three samples (MW-53S, MP-1, and DPE-1) with a maximum concentration of 325 µg/L in the sample collected from MW-53S.

- TPH-GRO was detected above the MDE GW standard (47 µg/L) in 10 samples (MW-11, MW-51, MW-53S, MW-54S, MW-55S, VW-1, VW-2, MP-1, MP-2, and DPE-1) with a maximum concentration of 94,700 µg/L in the sample collected from MW-53S.

- TPH-DRO was detected above the MDE GW standard (47 µg/L) in 13 samples (MW-5, MW-11, MW-50, MW-51, MW-53S, MW-54S, MW-55S, VW-1, VW-2, VW-3, MP-1, MP-2, and DPE-1) with a maximum concentration of 4,340 µg/L in the samples collected from MW-55S and DPE-1.

In the deep well network:

- Benzene was detected at concentrations exceeding the MDE GW standard (5 µg/L) in six samples (MW-13A, MW-14A, MW-53I, MW-54D, MW-55I, and MW-

55D) with a maximum concentration of 10,300 µg/L in the sample collected from MW-55I.

- Toluene was detected at concentrations exceeding the MDE GW standard (1,000 µg/L) in the sample from MW-55I with a concentration of 7,150 µg/L.

- Ethylbenzene was detected at concentrations exceeding the MDE GW standard (700 µg/L) in the sample from MW-55I with a concentration of 795 µg/L.

- MTBE was detected at concentrations exceeding the MDE GW standard (20 µg/L) in two samples (MW-53I and MW-55I) with a maximum concentration of 52.8 µg/L in the sample collected from MW-55I.

- TPH-GRO was detected above the MDE GW standard (47 µg/L) in 7 samples (MW-13A, MW-14A, MW-46, MW-53I, MW-54D, MW-55I, and MW-55D) with a maximum concentration of 61,500 µg/L in the sample collected from MW-55I.

- TPH-DRO was detected above the MDE GW standard (47 µg/L) in 8 samples (MW-13A, MW-14A, MW-46, MW-48, MW-53I, MW-54D, MW-55I, and MW-55D) with a maximum concentration of 8,050 µg/L in the sample collected from MW-55I.

Activities Planned for Next Period (Second Quarter 2014)

Following coordination with the property management, two sub-slab vapor points were installed in the retail building space in July 2014. The vapor points were sampled for volatile organic compounds (VOCs) to assess risk-based vapor intrusion pathways based on the commercial property use. Quarterly groundwater gauging and sampling also was completed in July 2014. The groundwater and vapor intrusion data will be presented in the Second Quarter 2014 RAPR to assess actual risk with respect to further action at the site.

Tables and Figures

Table 1: Groundwater Monitoring and Analytical Data
Figure 1: Local Area Map
Figure 2: Site Map
Figure 3: Groundwater Elevation Contour Map and Analytical Data – Shallow (7 March 2014)
Figure 4: Groundwater Elevation Contour Map and Analytical Data – Bedrock (7 March 2014)

Appendices

Appendix A: TestAmerica Laboratory Analytical Reports (24 March 2014)

Tables

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-1	4/12/2005	467.19	0.00	ND	ND	467.19	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	10/26/2005	467.19	0.00	ND	ND	467.19	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	4/20/2006	467.19	7.19	ND	ND	460.00	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.94 J	NA	NA	
	11/7/2006	467.19	1.40	ND	ND	465.79	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	4/26/2007	467.19	0.00	ND	ND	467.19	ND(1.0)	1.3	0.61 J	0.77 J	2.7 J	ND(1.0)	NA	NA	
	10/11/2007	467.19	0.00	ND	ND	467.19	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	1/21/2008	467.19	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	467.19	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/19/2008	467.19	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed
MW-2	4/12/2005	466.92	0.00	ND	ND	466.92	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	10/26/2005	466.92	1.79	ND	ND	465.13	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	4/20/2006	466.92	5.47	ND	ND	461.45	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	11/7/2006	466.92	0.00	ND	ND	466.92	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	12/14/2006	466.92	1.10	ND	ND	465.82	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	466.92	0.00	ND	ND	466.92	0.70 J	3.8	1.8	6.1	12.4 J	ND(1.0)	NA	NA	
	10/11/2007	466.92	2.80	ND	ND	464.12	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	10/24/2007	466.92	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed

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		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-5	4/12/2005	465.31	10.31	ND	ND	455.00	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	10/26/2005	465.31	20.35	ND	ND	444.96	2.0	8.1	1.2	6.0	17.3	0.84 J	NA	NA	
	4/20/2006	465.31	12.39	ND	ND	452.92	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	11/7/2006	465.31	16.60	ND	ND	448.71	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	12/14/2006	465.31	14.17	ND	ND	451.14	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	465.31	17.60	ND	ND	447.71	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	1/21/2008	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	465.31	5.90	ND	ND	459.41	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	Gauged on 5/19/08
	10/28/2008	465.31	12.21	ND	ND	453.10	3.2	1.2	0.64 J	0.76 J	5.8 J	ND(1.0)	NA	NA	
	1/13/2009	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	465.31	9.43	ND	ND	455.88	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	5/5/2009	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	465.31	12.16	ND	ND	453.15	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	12/9/2009	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	465.31	6.51	ND	ND	458.80	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	ND(200)	
	4/30/2010	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	

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Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-5	5/16/2010	465.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	465.31	10.59	ND	ND	454.72	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(100)	ND(200)	
	9/2/2010	465.31	13.09	ND	ND	452.22	0.33 J	ND(1.0)	ND(1.0)	ND(1.0)	0.33 J	ND(1.0)	ND(100)	ND(200)	
	12/8/2010	465.31	11.28	ND	ND	454.03	0.81 J	0.39 J	ND(1.0)	ND(1.0)	1.20 J	ND(1.0)	0.189	ND(200)	
	1/12/2011	465.31	11.92	ND	ND	453.39	**10.2**	5.43	6.44	23.6	45.67	<1	**278**	**227**	
	5/9/2011	465.31	5.71	ND	ND	459.60	<1	<1	<1	<3	BRL	<1	**155**	<100	
	8/2/2011	465.31	11.59	ND	ND	453.72	4.22	<1	<1	<3	4.22	<1	**310**	<100	
	11/14/2011	465.31	8.21	ND	ND	457.10	**51.3**	3.23	10.7	3.02	68.25	<1	**238**	**291**	
	2/14/2012	465.31	5.91	ND	ND	459.40	**24.5**	8.69	6.47	11.2	50.86	<1	**251**	**185**	
	5/15/2012	465.31	7.84	ND	ND	457.47	<1	<1	<1	<3	BRL	<1	**159**	<100	
	7/16/2012	465.31	9.25	ND	ND	456.06	<1	<1	<1	<3	BRL	<1	**332**	<100	
	10/8/2012	465.31	7.02	ND	ND	458.29	**34.2**	<1	3.43	<3	37.63	<1	**326**	<100	
	2/18/2013	465.31	5.58	ND	ND	459.73	<1	<1	<1	<3	BRL	<1	**139**	<100	
	6/5/2013	465.31	8.96	ND	ND	456.35	4.13	<1	<1	<3	4.13	<1	**239**	<100	
	8/7/2013	465.31	11.04	ND	ND	454.27	1.24	<1	<1	<2	1.24	<1	**516 B**	<100	
	10/4/2013	465.31	13.84	ND	ND	451.47	<1	<1	<1	<2	BRL	<1	**483**	<100	
	3/7/2014	465.31	6.49	ND	ND	458.82	<1	<1	<1	<3	BRL	<1	**108**	<100	

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		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-6	4/12/2005	466.34	8.38	ND	ND	457.96	**43.2**	1.6	0.79 J	0.71 J	46.3 J	**49.6**	NA	NA	
	10/26/2005	466.34	16.01	ND	ND	450.33	**186**	19.1	34.3	73.5	313	**28.3**	NA	NA	
	4/20/2006	466.34	15.71	ND	ND	450.63	**186**	11.5	10.5	2.7	211	16.9	NA	NA	
	11/7/2006	466.34	14.75	ND	ND	451.59	**397**	33.7	20.5	110	561	11.0	NA	NA	
	12/14/2006	466.34	12.66	ND	ND	453.68	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	466.34	7.95	ND	ND	458.39	4.4	ND(1.0)	ND(1.0)	ND(1.0)	4.4	0.55 J	NA	NA	
	10/11/2007	466.34	19.75	ND	ND	446.59	**69.8**	4.7	0.98 J	15.3	90.8 J	9.2	NA	NA	
	1/21/2008	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	466.34	4.57	ND	ND	461.77	**316**	20.0	10.1	54.1	400	4.3	NA	NA	Gauged on 5/19/08
	10/28/2008	466.34	8.36	ND	ND	457.98	**9.0**	0.24 J	ND(1.0)	ND(1.0)	9.2 J	0.60 J	NA	NA	
	1/13/2009	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	466.34	6.35	ND	ND	459.99	1.1	ND(1.0)	ND(1.0)	ND(1.0)	1.1	ND(1.0)	NA	NA	
	5/5/2009	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	466.34	10.02	ND	ND	456.32	4.8	0.96 J	3.7	2.0	11.5 J	ND(1.0)	NA	NA	
	12/9/2009	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	466.34	6.36	ND	ND	459.98	5.0	0.85 J	1.6	0.39 J	7.8 J	ND(1.0)	NA	**558**	

Table 1
Groundwater Monitoring and Analytical Data
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Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-6	4/30/2010	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	466.34	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	466.34	9.24	ND	ND	457.10	**76.7**	ND(1.0)	0.69 J	0.32 J	77.7 J	ND(1.0)	**342**	**610**	
	9/2/2010	466.34	10.12	ND	ND	456.22	2.6	ND(1.0)	2.2	ND(1.0)	4.8	ND(1.0)	**208**	**329**	
	12/8/2010	466.34	6.69	ND	ND	459.65	**95.4**	ND(1.0)	ND(1.0)	ND(1.0)	95.4	ND(1.0)	**181**	**580**	
	1/12/2011	466.34	8.19	ND	ND	458.15	**11.2 [11.3]**	3.62 [3.64]	5.68 [6.38]	11.8 [12.4]	32.3 [33.72]	<1 [<1]	**159 [110]**	**586 [700]**	
	5/9/2011	466.34	4.96	ND	ND	461.38	1.04	1.96	10.9	5.89	19.79	<1	**125**	**481**	sheen
	8/2/2011	466.34	9.54	ND	ND	456.80	<1	<1	1.06	3.22	4.28	<1	**307**	**609**	
	11/14/2011	466.34	7.25	ND	ND	459.09	<1	1.07	<1	<3	1.07	<1	**216**	**612**	
	2/14/2012	466.34	3.90	ND	ND	462.44	<1	1.63	1.75	3.01	6.39	<1	NA	**729**	
	5/15/2012	466.34	4.36	ND	ND	461.98	<1	<1	<1	<3	BRL	<1	**145**	**364**	
	7/16/2012	466.34	6.89	ND	ND	459.45	<1 [<1]	<1 [<1]	<1 [<1]	<3 [<3]	BRL	<1 [<1]	**865 [316]**	**214 [216]**	
	10/8/2012	466.34	4.55	ND	ND	461.79	<1	<1	<1	<3	BRL	<1	<94.3	**301**	
	2/18/2013	466.34	3.95	ND	ND	462.39	<1	<1	<1	<3	BRL	<1	**160**	**310**	
	6/5/2013	466.34	7.81	ND	ND	458.53	1.93	<1	<1	<3	1.93	<1	**184**	**371**	
	8/7/2013	466.34	8.05	ND	ND	458.29	<1	<1	<1	<2	BRL	<1	**285 B**	**231**	
	10/4/2013	466.34	10.81	ND	ND	455.53	<1	<1	<1	<2	BRL	<1	**226**	**274**	
	3/7/2014	466.34	4.80	ND	ND	461.54	<1	<1	<1	<3	BRL	<1	<96.2	<100	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-11	4/12/2005	466.63	13.00	ND	ND	453.63	3.5	ND(1.0)	1.2	ND(1.0)	4.7	ND(1.0)	NA	NA	
	5/3/2005	466.63	16.13	ND	ND	450.50	NS	NS	NS	NS	NS	NS	NS	NS	
	6/21/2005	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	7/7/2005	466.63	14.75	ND	ND	451.88	NS	NS	NS	NS	NS	NS	NS	NS	
	9/16/2005	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/26/2005	466.63	14.15	ND	ND	452.48	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	12/20/2005	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/9/2006	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	2/10/2006	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2006	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	5/31/2006	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	6/27/2006	466.63	16.11	ND	ND	450.52	NS	NS	NS	NS	NS	NS	NS	NS	
	8/24/2006	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	9/28/2006	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2006	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2006	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	11/22/2006	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	12/14/2006	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	12/22/2006	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/19/2007	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	2/23/2007	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	3/22/2007	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	4/25/2007	466.63	11.80	ND	ND	454.83	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	466.63	11.80	ND	ND	454.83	**83.4**	6.2	96.0	33.0	218.6	11.2	NA	NA	
	7/19/2007	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-11	2/19/2008	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/19/2008	466.63	7.65	ND	ND	458.98	**656**	5.8	22.0	11.9	696	**51.6**	NA	NA	
	10/28/2008	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/13/2009	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	466.63	14.34	ND	ND	452.29	0.30 J	ND(1.0)	ND(1.0)	ND(1.0)	0.30 J	ND(1.0)	NA	NA	
	5/5/2009	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2009	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	466.63	8.30	ND	ND	458.33	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	ND(200)	
	4/30/2010	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	466.63	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	9/2/2010	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/11/2011	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	5/9/2011	466.63	7.92	ND	ND	458.71	**55.7**	<1	<1	<3	55.7	1.36	**1,300**	**341**	
	8/2/2011	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-11	8/2/2011	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	11/14/2011	466.63	7.28	ND	ND	459.35	**371**	9.01	76.8	14.8	471.61	9.52	**934**	**2,490**	
	2/14/2012	466.63	8.70	ND	ND	457.93	**83**	3.89	21.3	7.94	116.13	18.3	**987**	**1,400**	
	5/15/2012	466.63	10.64	ND	ND	455.99	<1	<1	<1	<3	BRL	<1	**482**	<100	
	7/16/2012	466.63	12.42	ND	ND	454.21	<1	<1	<1	<3	BRL	<1	**308**	<100	
	10/8/2012	466.63	9.91	ND	ND	456.72	<1	<1	<1	<3	BRL	<1	**743**	**231**	
	2/18/2013	466.63	8.25	ND	ND	458.38	<1	<1	<1	<3	BRL	<1	**471**	**164**	
	6/5/2013	466.63	12.48	ND	ND	454.15	**26**	1.05	1.6	<3	28.65	<1	**366**	**187**	
	8/7/2013	466.63	15.95	ND	ND	450.68	NS	NS	NS	NS	NS	NS	NS	NS	dry - no sample collected
	10/4/2013	466.63	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	dry - no sample collected
	3/7/2014	466.63	9.96	DRY	DRY	456.67	**7.88**	<1	1.51	<3	9.39	<1	**535**	**2,510**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-13A	4/12/2005	464.13	19.80	ND	ND	444.33	**292**	71.8	381	368	1,113	**137**	NA	NA	
	5/3/2005	464.13	22.50	ND	ND	441.63	NS	NS	NS	NS	NS	NS	NS	NS	
	6/21/2005	464.13	28.70	ND	ND	435.43	NS	NS	NS	NS	NS	NS	NS	NS	
	7/7/2005	464.13	31.32	ND	ND	432.81	NS	NS	NS	NS	NS	NS	NS	NS	
	9/16/2005	464.13	35.68	ND	ND	428.45	NS	NS	NS	NS	NS	NS	NS	NS	
	10/26/2005	464.13	37.74	ND	ND	426.39	**26.0**	1.4	9.2	8.3	44.9	1.6	NA	NA	
	12/20/2005	464.13	35.68	ND	ND	428.45	NS	NS	NS	NS	NS	NS	NS	NS	
	1/9/2006	464.13	35.42	ND	ND	428.71	NS	NS	NS	NS	NS	NS	NS	NS	
	2/10/2006	464.13	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2006	464.13	32.33	ND	ND	431.80	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	464.13	34.75	ND	ND	429.38	4.6	4.8	3.4	1.4	14.2	0.88 J	NA	NA	
	5/31/2006	464.13	32.98	ND	ND	431.15	NS	NS	NS	NS	NS	NS	NS	NS	
	8/24/2006	464.13	30.75	ND	ND	433.38	NS	NS	NS	NS	NS	NS	NS	NS	
	9/28/2006	464.13	30.35	ND	ND	433.78	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2006	464.13	30.47	ND	ND	433.66	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2006	464.13	29.90	ND	ND	434.23	**61.6**	25.2	48.1	238	373	5.6	NA	NA	
	11/22/2006	464.13	28.08	ND	ND	436.05	NS	NS	NS	NS	NS	NS	NS	NS	
	12/14/2006	464.13	23.44	ND	ND	440.69	NS	NS	NS	NS	NS	NS	NS	NS	
	12/22/2006	464.13	29.81	ND	ND	434.32	NS	NS	NS	NS	NS	NS	NS	NS	
	1/19/2007	464.13	16.28	ND	ND	447.85	NS	NS	NS	NS	NS	NS	NS	NS	
	2/23/2007	464.13	16.02	ND	ND	448.11	NS	NS	NS	NS	NS	NS	NS	NS	
	3/22/2007	464.13	29.76	ND	ND	434.37	NS	NS	NS	NS	NS	NS	NS	NS	
	4/25/2007	464.13	11.69	ND	ND	452.44	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	464.13	11.70	ND	ND	452.43	**85.8**	6.6	103	37.8	233	12.3	NA	NA	
	7/19/2007	464.13	19.88	ND	ND	444.25	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	464.13	28.47	ND	ND	435.66	**797**	147	360	1,060	2,364	**82.7**	NA	NA	
	1/21/2008	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	464.13	9.85	ND	ND	454.28	**143**	7.2	86.4	42.5	279	9.1	NA	NA	Gauged on 5/19/08

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-13A	10/28/2008	464.13	22.40	ND	ND	441.73	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	1/13/2009	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	464.13	16.91	ND	ND	447.22	**152**	20.0	234	63.5	470	4.9	NA	NA	
	5/5/2009	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	464.13	22.05	ND	ND	442.08	0.32 J	ND(1.0)	ND(1.0)	ND(1.0)	0.32 J	ND(1.0)	NA	NA	
	12/9/2009	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	464.13	10.39	ND	ND	453.74	4.7	0.44 J	2.4	0.99 J	8.5 J	0.45 J	NA	ND(200)	
	4/30/2010	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	464.13	19.91	ND	ND	444.22	**15.7**	2.2	13.9	4.6	36.4	1.4	**454**	**1,390**	
	9/2/2010	464.13	25.61	ND	ND	438.52	2.4	ND(1.0)	ND(1.0)	ND(1.0)	2.4	ND(1.0)	**555**	ND(200)	
	12/8/2010	464.13	23.40	ND	ND	440.73	1.6	ND(1.0)	ND(1.0)	ND(1.0)	1.6	ND(1.0)	**299**	ND(200)	
	1/11/2011	464.13	24.33	ND	ND	439.80	**725**	75.2	443	291	1,534.2	**60.1**	**2,110**	**5,370**	
	5/9/2011	464.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	under mulch pile
	8/2/2011	464.13	21.58	ND	ND	442.55	**804**	58.5	366	203	1,431.5	**49.6**	**1,560**	**8,770**	
	11/14/2011	464.13	14.65	ND	ND	449.48	NS	NS	NS	NS	NS	NS	NS	NS	under standing water

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-13A	2/14/2012	464.13	11.97	ND	ND	452.16	**298**	22.1	191	60.3	571.4	14.3	**1,480**	**5,710**	
	5/15/2012	464.13	13.77	ND	ND	450.36	**40.5**	3.42	63.6	14	121.52	<1	**1,670**	**2,430**	
	7/16/2012	464.13	16.15	ND	ND	447.98	**11**	1.22	13	3.6	28.82	<1	**823**	**1,010**	
	10/8/2012	464.13	12.16	ND	ND	451.97	**158 [156]**	<1 [<1]	150 [148]	15.1 [15.4]	323.1 [319.4]	<1 [<1]	**527 [562]**	**2,910 [3,010]**	
	2/18/2013	464.13	10.35	ND	ND	453.78	**8.64**	1.88	6.06	<3	16.58	<1	**708**	**353**	
	6/5/2013	464.13	16.00	ND	ND	448.13	**13.9**	1.49	6.59	<3	21.98	<1	**1,220**	**677**	
	8/7/2013	464.13	20.05	ND	ND	444.08	**11.2**	2.02	4.66	4.24	22.12	<1	**1,720**	**706**	
	10/4/2013	464.13	26.34	ND	ND	437.79	**5.6**	<1	<1	<2	5.60	<1	**487**	**209**	
	3/7/2014	464.13	13.76	ND	ND	450.37	**26.0**	1.62	14.3	<3	41.92	<1	**3,160**	**683**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-14A	4/12/2005	463.23	19.45	ND	ND	443.78	**956**	381	340	2,150	3,827	**239**	NA	NA	
	5/3/2005	463.23	22.81	ND	ND	440.42	NS	NS	NS	NS	NS	NS	NS	NS	
	6/21/2005	463.23	29.25	ND	ND	433.98	NS	NS	NS	NS	NS	NS	NS	NS	
	7/7/2005	463.23	32.00	ND	ND	431.23	NS	NS	NS	NS	NS	NS	NS	NS	
	9/16/2005	463.23	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/26/2005	463.23	37.55	ND	ND	425.68	NS	NS	NS	NS	NS	NS	NS	NS	Trace LPH detected <0.01 thickness (feet)
	12/20/2005	463.23	37.76	ND	ND	425.47	NS	NS	NS	NS	NS	NS	NS	NS	
	1/9/2006	463.23	37.78	ND	ND	425.45	NS	NS	NS	NS	NS	NS	NS	NS	
	2/10/2006	463.23	35.89	ND	ND	427.34	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2006	463.23	33.10	ND	ND	430.13	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	463.23	36.49	ND	ND	426.74	NS	NS	NS	NS	NS	NS	NS	NS	
	5/31/2006	463.23	33.80	ND	ND	429.43	NS	NS	NS	NS	NS	NS	NS	NS	
	6/27/2006	463.23	33.35	ND	ND	429.88	NS	NS	NS	NS	NS	NS	NS	NS	
	8/24/2006	463.23	31.10	ND	ND	432.13	NS	NS	NS	NS	NS	NS	NS	NS	
	9/28/2006	463.23	30.52	ND	ND	432.71	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2006	463.23	30.52	ND	ND	432.71	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2006	463.23	30.20	ND	ND	433.03	**521**	301	311	2,680	3,813	**122**	NA	NA	
	12/22/2006	463.23	30.15	ND	ND	433.08	NS	NS	NS	NS	NS	NS	NS	NS	
	1/19/2007	463.23	17.11	ND	ND	446.12	NS	NS	NS	NS	NS	NS	NS	NS	
	2/23/2007	463.23	16.83	ND	ND	446.40	NS	NS	NS	NS	NS	NS	NS	NS	
	3/22/2007	463.23	30.09	ND	ND	433.14	NS	NS	NS	NS	NS	NS	NS	NS	
	7/19/2007	463.23	20.02	ND	ND	443.21	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	463.23	28.40	ND	ND	434.83	**667**	630	**756**	2,820	4,873	**144**	NA	NA	
	10/24/2007	463.23	28.44	ND	ND	434.79	NS	NS	NS	NS	NS	NS	NS	NS	
	12/19/2007	463.23	26.42	ND	ND	436.81	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	463.23	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	463.23	20.40	ND	ND	442.83	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	463.23	9.85	ND	ND	453.38	**166**	4.3	159	172	501	9.5	NA	NA	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-14A	10/28/2008	463.23	7.00	ND	ND	456.23	**329**	170	388	1,550	2,437	**44.1**	NA	NA	
	1/13/2009	463.23	23.05	ND	ND	440.18	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	463.23	20.38	ND	ND	442.85	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	463.23	20.25	ND	ND	442.98	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	463.23	18.59	ND	ND	444.64	**166**	17.6	154	486	824	16.2	NA	NA	
	5/5/2009	463.23	18.36	ND	ND	444.87	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	463.23	18.26	ND	ND	444.97	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	463.23	18.42	ND	ND	444.81	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	463.23	18.15	ND	ND	445.08	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	463.23	18.32	ND	ND	444.91	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	463.23	18.47	ND	ND	444.76	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	463.23	22.07	ND	ND	441.16	**363**	87.8	324	1,430	2,205	**29.8**	NA	NA	
	12/9/2009	463.23	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	463.23	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	463.23	18.18	ND	ND	445.05	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	463.23	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	463.23	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	3/23/2010	463.23	15.30	ND	ND	447.93	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	463.23	11.80	ND	ND	451.43	**10.5**	0.36 J	15.8	15.8	42.5 J	0.72 J	NA	404	
	4/30/2010	463.23	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	463.23	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	463.23	20.38	ND	ND	442.85	**130**	3.3	62.2	32.5	228	7.2	**1,180**	**1,710**	
	7/7/2010	463.23	20.12	ND	ND	443.11	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2010	463.23	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/13/2010	463.23	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/27/2010	463.23	25.39	ND	ND	437.84	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2010	463.23	25.04	ND	ND	438.19	**311**	164	319	909	1,703	**45.8**	**3,570**	**9,090**	
	9/16/2010	463.23	26.22	ND	ND	437.01	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-14A	10/8/2010	463.23	25.58	ND	ND	437.65	NS	NS	NS	NS	NS	NS	NS	NS	
	10/8/2010	463.23	25.58	ND	ND	437.65	NS	NS	NS	NS	NS	NS	NS	NS	
	10/20/2010	463.23	18.01	ND	ND	445.22	NS	NS	NS	NS	NS	NS	NS	NS	
	11/10/2010	463.23	24.80	ND	ND	438.42	NS	NS	NS	NS	NS	NS	NS	NS	
	11/22/2010	463.23	24.67	ND	ND	438.56	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	463.23	23.43	ND	ND	439.80	**199**	48	159	428	834	**42.4**	**5,550**	**3,950**	
	12/21/2010	463.23	24.68	ND	ND	438.55	NS	NS	NS	NS	NS	NS	NS	NS	
	1/11/2011	463.23	24.10	ND	ND	439.13	**707**	57.2	578	239	1,581.2	**60.8**	**3,010**	**7,450**	
	5/9/2011	463.23	11.05	ND	ND	452.18	**5.33 [5.76]**	<1 [<1]	4.5 [5.14]	<3 [3.08]	9.83 [10.9]	<1 [1.06]	**646 [831]**	**134 [114]**	
	8/2/2011	463.23	21.67	ND	ND	441.56	**637 [693]**	35.7 [42.7]	425 [448]	126 [133]	1,223.7 [1,316.7]	**46 [50]**	**2,960 [2,430]**	**8,720 [42,600]**	
	11/14/2011	463.23	14.98	ND	ND	448.25	**750**	47.4	497	190	1484.4	**43.4**	**3,050**	**8,050**	
	2/14/2012	463.23	12.45	ND	ND	450.78	**793 [761]**	52.1 [50.7]	596 [570]	176 [163]	1,617 [1,545]	**49.6 [45.6]**	**1,400 [1,600]**	**8,760 [8,350]**	
	5/15/2012	463.23	15.67	ND	ND	447.56	**13.9**	<1	17	15.4	46.3	<1	**955**	**442**	
	7/16/2012	463.23	17.66	ND	ND	445.57	**17.2**	<1	4.5	7.92	29.6	1.04	**1,290**	**613**	
	10/8/2012	463.23	13.98	ND	ND	449.25	**12.3**	1.55	26.6	38.8	79.25	<1	**559**	**709**	
	2/18/2013	463.23	12.40	ND	ND	450.83	**14.5**	<1	13.6	8.15	36.25	<1	**409**	**735**	
	6/5/2013	463.23	17.90	ND	ND	445.33	**17.9**	<1	1.76	<3	19.66	<1	**691**	**431**	
	8/7/2013	463.23	21.77	ND	ND	441.46	1.47	<1	<1	<2	1.47	<1	**686**	**297**	
	10/4/2013	463.23	26.54	ND	ND	436.69	4.98	<1	<1	<2	4.98	<1	**1,110**	**297**	
	3/7/2014	463.23	13.95	ND	ND	449.28	**6.04**	<1	19.4	7.99	33.43	<1	**406**	**375**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-23	4/12/2005	460.57	22.12	ND	ND	438.45	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	10/26/2005	460.57	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	460.57	44.68	ND	ND	415.89	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	11/7/2006	460.57	31.72	ND	ND	428.85	ND(1.0)	ND(1.0)	ND(1.0)	0.36 J	0.36 J	ND(1.0)	NA	NA	
	4/26/2007	460.57	12.30	ND	ND	448.27	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	10/11/2007	460.57	30.71	ND	ND	429.86	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	1/21/2008	460.57	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	460.57	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	460.57	8.55	ND	ND	452.02	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	Gauged on 5/19/08
	10/28/2008	460.57	NM	NM	NM	NM	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	1/13/2009	460.57	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	460.57	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	460.57	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	460.57	17.97	ND	ND	442.60	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	Well destroyed/abandoned

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-37	4/12/2005	451.04	4.00	ND	ND	447.04	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	10/26/2005	451.04	14.02	ND	ND	437.02	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	4/20/2006	451.04	9.90	ND	ND	441.14	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	11/7/2006	451.04	12.05	ND	ND	438.99	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	4/26/2007	451.04	3.70	ND	ND	447.34	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	10/11/2007	451.04	12.70	ND	ND	438.34	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	1/21/2008	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	451.04	2.99	ND	ND	448.05	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	Gauged on 5/19/08
	10/28/2008	451.04	9.72	ND	ND	441.32	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	1/13/2009	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	451.04	3.49	ND	ND	447.55	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	5/5/2009	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	451.04	10.13	ND	ND	440.91	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	12/9/2009	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	451.04	3.05	ND	ND	447.99	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	ND(200)	
	4/30/2010	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-37	5/16/2010	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	451.04	7.78	ND	ND	443.26	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(100)	ND(200)	
	9/2/2010	451.04	11.65	ND	ND	439.39	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(100)	ND(200)	
	12/8/2010	451.04	9.00	ND	ND	442.04	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(100)	ND(200)	
	1/11/2011	451.04	9.25	ND	ND	441.79	<1	<1	<1	<3	BRL	<1	<102	<100	
	5/9/2011	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/2/2011	451.04	10.51	NM	NM	440.53	<1	<1	<1	<3	BRL	<1	<111	<100	
	11/14/2011	451.04	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/14/2012	451.04	3.22	NM	NM	447.82	<1	<1	<1	<3	BRL	<1	<99	<100	
	5/15/2012	451.04	3.48	NM	NM	447.56	<1	<1	<1	<3	BRL	<1	<96.2	<100	
	7/16/2012	451.04	7.78	NM	NM	443.26	<1	<1	<1	<3	BRL	<1	<98	<100	
	10/8/2012	451.04	5.08	NM	NM	445.96	<1	<1	<1	<3	BRL	<1	<94.3	<100	
	2/18/2013	451.04	3.12	NM	NM	447.92	<1	<1	<1	<3	BRL	<1	<93.5	<100	
	6/5/2013	451.04	6.47	NM	NM	444.57	<1	<1	<1	<3	BRL	<1	**132**	<100	
	8/7/2013	451.04	9.51	NM	NM	441.53	<1	<1	<1	<2	BRL	<1	**114**	<100	
	10/4/2013	451.04	11.82	NM	NM	439.22	<1	<1	<1	<2	BRL	<1	<100	<100	
	3/7/2014	451.04	3.36	NM	NM	447.68	<1	<1	<1	<3	BRL	<1	<89.3	<100	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-38	4/12/2005	454.65	9.81	ND	ND	444.84	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	10/26/2005	454.65	23.31	ND	ND	431.34	1.9	ND(1.0)	ND(1.0)	ND(1.0)	1.9	1.8	NA	NA	
	4/20/2006	454.65	20.29	ND	ND	434.36	**164**	0.47 J	1.3	ND(1.0)	166 J	**37.8**	NA	NA	
	11/7/2006	454.65	18.79	ND	ND	435.86	**108**	0.52 J	1.1	ND(1.0)	110 J	15.9	NA	NA	
	4/26/2007	454.65	5.20	ND	ND	449.45	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	10/11/2007	454.65	19.27	ND	ND	435.38	**90.3**	1.6	13.4	0.44 J	105.7 J	**22.1**	NA	NA	
	1/21/2008	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	454.65	3.19	ND	ND	451.46	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	Gauged on 5/19/08
	10/28/2008	454.65	14.48	ND	ND	440.17	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.55 J	NA	NA	
	1/13/2009	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	454.65	7.43	ND	ND	447.22	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	5/5/2009	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	454.65	14.31	ND	ND	440.34	**5.8**	ND(1.0)	2.2	ND(1.0)	8.0	7.1	NA	NA	
	12/9/2009	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	454.65	3.98	ND	ND	450.67	0.56 J	ND(1.0)	ND(1.0)	ND(1.0)	0.56 J	0.47 J	NA	ND(200)	
	4/30/2010	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-38	5/16/2010	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	454.65	12.22	ND	ND	442.43	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(100)	ND(200)	
	9/2/2010	454.65	17.69	ND	ND	436.96	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(100)	ND(200)	
	12/8/2010	454.65	15.55	ND	ND	439.10	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(100)	ND(200)	
	1/11/2011	454.65	14.15	ND	ND	440.50	**56.5**	2.76	70.1	<3	129.36	9.03	**172**	**2,660**	
	5/9/2011	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/2/2011	454.65	13.84	NM	NM	440.81	**46.4**	<1	43.2	3	92.6	7.7	**123**	**2,560**	
	11/14/2011	454.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/14/2012	454.65	4.53	NM	NM	450.12	4.77	<1	7.43	<3	12.20	4.16	<96.2	**688**	
	5/15/2012	454.65	17.03	NM	NM	437.62	<1	<1	<1	<3	BRL	<1	<96.2	<100	
	7/16/2012	454.65	10.28	NM	NM	444.37	**10.9**	<1	25.2	<3	36.1	6.34	**217**	**1,800**	
	10/8/2012	454.65	6.97	NM	NM	447.68	**10.1**	<1	23.3	<3	33.4	4.94	**138**	**1,160**	
	2/18/2013	454.65	4.45	NM	NM	450.20	1.53	<1	<1	<3	1.5	2.16	**103**	**230**	
	6/5/2013	454.65	10.24	NM	NM	444.41	1.13	<1	2.56	<3	3.69	<1	<100	**180**	
	8/7/2013	454.65	13.63	NM	NM	441.02	3.29	<1	3.43	<2	6.72	2.46	**194**	**344**	
	10/4/2013	454.65	18.02	NM	NM	436.63	**6.79**	<1	10.5	<2	17.29	<1	**152**	**336**	
	3/7/2014	454.65	5.79	NM	NM	448.86	<1	<1	<1	<3	BRL	<1	<89.3	<100	

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Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-40	10/26/2005	446.69	24.00	ND	ND	422.69	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	446.69	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	Well abandoned
MW-43	10/26/2005	439.13	6.30	ND	ND	432.83	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	4/20/2006	439.13	15.23	ND	ND	423.90	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	11/7/2006	439.13	14.98	ND	ND	424.15	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	4/26/2007	439.13	7.00	ND	ND	432.13	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	10/11/2007	439.13	23.50	ND	ND	415.63	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	1/21/2008	439.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	439.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	439.13	4.49	ND	ND	434.64	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	Gauged on 5/19/08
	10/28/2008	NM	NM	NM	NM	NM	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	1/13/2009	439.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	439.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	439.13	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	439.13	4.41	ND	ND	434.72	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
MW-45	4/12/2005	456.38	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/26/2005	456.38	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	456.38	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	5/31/2006	456.38	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2006	456.38	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	456.38	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	456.38	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	456.38	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	456.38	10.57	ND	ND	445.81	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	Gauged on 5/19/08
	10/28/2008	456.38	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/13/2009	456.38	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	456.38	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	456.38	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	456.38	19.65	ND	ND	436.73	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	

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Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
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		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-46	4/12/2005	467.17	13.45	ND	ND	453.72	**5.6**	9.2	2.5	11.6	28.9	9.9	NA	NA	
	5/3/2005	467.17	15.55	ND	ND	451.62	NS	NS	NS	NS	NS	NS	NS	NS	
	6/21/2005	467.17	23.59	ND	ND	443.58	NS	NS	NS	NS	NS	NS	NS	NS	
	7/7/2005	467.17	23.70	ND	ND	443.47	NS	NS	NS	NS	NS	NS	NS	NS	
	9/16/2005	467.17	24.25	ND	ND	442.92	NS	NS	NS	NS	NS	NS	NS	NS	
	10/26/2005	467.17	24.00	ND	ND	443.17	0.42 J	238	ND(1.0)	ND(1.0)	238 J	ND(1.0)	NA	NA	
	12/20/2005	467.17	24.55	ND	ND	442.62	NS	NS	NS	NS	NS	NS	NS	NS	
	1/9/2006	467.17	25.79	ND	ND	441.38	NS	NS	NS	NS	NS	NS	NS	NS	
	2/10/2006	467.17	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2006	467.17	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	467.17	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	5/31/2006	467.17	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	6/27/2006	467.17	24.20	ND	ND	442.97	NS	NS	NS	NS	NS	NS	NS	NS	
	8/24/2006	467.17	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	9/28/2006	467.17	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2006	467.17	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2006	467.17	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	11/22/2006	467.17	25.49	ND	ND	441.68	NS	NS	NS	NS	NS	NS	NS	NS	
	12/14/2006	467.17	23.31	ND	ND	443.86	NS	NS	NS	NS	NS	NS	NS	NS	
	12/22/2006	467.17	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/19/2007	467.17	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	2/23/2007	467.17	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	3/22/2007	467.17	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	7/19/2007	467.17	15.50	ND	ND	451.67	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	467.17	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	467.17	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	467.17	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	467.17	5.17	ND	ND	462.00	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.9	NA	NA	
	10/28/2008	467.17	22.43	ND	ND	444.74	2.0	1.0	3.7	7.3	14.0	1.3	NA	NA	

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Former Exxon Station #25553
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		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-46	1/13/2009	467.17	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	467.17	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	467.17	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	467.17	10.98	ND	ND	456.19	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.4	NA	NA	
	5/5/2009	467.17	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	NM	NM	NM	NM	NM	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.58 J	NA	NA	
	12/9/2009	467.17	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	467.17	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	467.17	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	467.17	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	467.17	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	467.17	6.50	ND	ND	460.67	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	ND(200)	
	4/30/2010	467.17	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	467.17	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	467.17	15.93	ND	ND	451.24	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.49 J	ND(100)	ND(200)	
	9/2/2010	467.17	23.10	ND	ND	444.07	ND(1.0)	ND(1.0)	0.90 J	ND(1.0)	0.90 J	ND(1.0)	ND(100)	ND(200)	
	12/8/2010	467.17	23.18	ND	ND	443.99	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(100)	ND(200)	
	1/12/2011	467.17	23.92	ND	ND	443.25	2.11	48.5	5.51	3.89	60.01	<1	**755**	**146**	
	5/9/2011	467.17	4.59	ND	ND	462.58	<1	<1	<1	<3	BRL	<1	**362**	<100	
	8/2/2011	467.17	19.95	ND	ND	447.22	<1	<1	<1	<3	BRL	<1	**412**	<100	
	11/14/2011	467.17	11.08	ND	ND	456.09	<1	<1	<1	<3	BRL	<1	694	<100	
	2/14/2012	467.17	7.92	ND	ND	459.25	NS	NS	NS	NS	NS	NS	NS	NS	insufficent volume for sample
	5/15/2012	467.17	5.76	ND	ND	461.41	<1	<1	<1	<3	BRL	<1	**376**	<100	
	7/16/2012	467.17	12.46	ND	ND	454.71	<1	<1	<1	<3	BRL	<1	**999**	<100	
	10/8/2012	467.17	9.29	ND	ND	457.88	<1	<1	<1	<3	BRL	<1	**876**	<100	
	2/18/2013	467.17	7.42	ND	ND	459.75	<1	<1	<1	<3	BRL	<1	**1,030**	<100	
	6/5/2013	467.17	10.83	ND	ND	456.34	<1	<1	<1	<3	BRL	<1	**850**	<100	
	8/7/2013	467.17	17.13	ND	ND	450.04	<1	<1	<1	<2	BRL	<1	**422 B**	<100	
	10/4/2013	467.17	24.83	ND	ND	442.34	<1	<1	<1	<2	BRL	<1	**3,490**	<100	
	3/7/2014	467.17	9.41	ND	ND	457.76	<1	<1	<1	<3	BRL	<1	**487**	**252**	

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Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-47	4/12/2005	465.52	18.00	ND	ND	447.52	**96.5**	59.2	157	220	533	**321**	NA	NA	
	10/26/2005	465.52	26.52	ND	ND	439.00	1.8	ND(1.0)	3.6	1.1	6.5	**53.1**	NA	NA	
	4/20/2006	465.52	22.82	ND	ND	442.70	3.2	0.65 J	9.4	2.3	15.6 J	12.3	NA	NA	
	11/7/2006	465.52	25.45	ND	ND	440.07	4.1	3.8	4.3	11.2	23.4	0.64 J	NA	NA	
	12/14/2006	465.52	20.95	ND	ND	444.57	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	465.52	17.25	ND	ND	448.27	**38.7**	39.8	30.5	51.3	160.3	0.79 J	NA	NA	
	10/11/2007	465.52	26.45	ND	ND	439.07	0.82 J	ND(1.0)	ND(1.0)	ND(1.0)	0.82 J	ND(1.0)	NA	NA	
	1/21/2008	465.52	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	465.52	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	Well not located
	5/21/2008	465.52	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	Well not located
	10/28/2008	465.52	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	Well not located

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-48	4/12/2005	467.43	19.85	ND	ND	447.58	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	**41.8**	NA	NA	
	10/26/2005	467.43	27.04	ND	ND	440.39	1.0	54.5	0.67 J	2.9	59.1 J	19.1	NA	NA	
	4/20/2006	467.43	27.61	ND	ND	439.82	ND(1.0)	0.62 J	ND(1.0)	ND(1.0)	0.62 J	**38.6**	NA	NA	
	11/7/2006	467.43	26.55	ND	ND	440.88	**6.9**	8.8	3.4	17.4	36.5	5.9	NA	NA	
	12/14/2006	467.43	23.55	ND	ND	443.88	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	467.43	12.95	ND	ND	454.48	**43.0**	ND(1.0)	ND(1.0)	ND(1.0)	43.0	5.7	NA	NA	
	10/11/2007	467.43	26.78	ND	ND	440.65	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.0	NA	NA	
	2/19/2008	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	467.43	10.90	ND	ND	456.53	**12.1**	ND(1.0)	ND(1.0)	ND(1.0)	12.1	**20.3**	NA	NA	Gauged on 5/19/08
	10/28/2008	467.43	23.15	ND	ND	444.28	ND(1.0)	1.1	ND(1.0)	ND(1.0)	1.1	0.56 J	NA	NA	
	1/13/2009	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	467.43	17.88	ND	ND	449.55	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.7	NA	NA	
	5/5/2009	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2009	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	467.43	10.88	ND	ND	456.55	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.0	NA	ND(200)	
	4/30/2010	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	467.43	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-48	6/17/2010	467.43	20.12	ND	ND	447.31	ND(1.0)	0.60 J	ND(1.0)	ND(1.0)	0.60 J	0.55 J	**771**	ND(200)	
	9/2/2010	467.43	28.77	ND	ND	438.66	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.6	**4,800**	ND(200)	
	12/8/2010	467.43	23.41	ND	ND	444.02	ND(1.0)	12.2	ND(1.0)	ND(1.0)	12.2	0.90 J	**571**	ND(200)	
	1/11/2011	467.43	24.45	ND	ND	442.98	<1	<1	<1	<3	BRL	2.4	**972**	<100	
	5/9/2011	467.43	11.00	ND	ND	456.43	3.06	<1	<1	<3	3.06	<1	**481**	<100	
	8/2/2011	467.43	22.08	ND	ND	445.35	<1	1.32	<1	3.98	5.3	1.01	**214**	<100	
	11/14/2011	467.43	14.79	ND	ND	452.64	<1	<1	<1	<3	BRL	<1	**2,980**	<100	
	2/14/2012	467.43	7.09	ND	ND	460.34	2.4	7.05	2.53	14.6	26.58	<1	**140**	**118**	
	5/15/2012	467.43	15.79	ND	ND	451.64	<1	<1	<1	<3	BRL	<1	**823**	<100	
	7/16/2012	467.43	17.96	ND	ND	449.47	<1	<1	<1	<3	BRL	<1	**385**	<100	
	10/8/2012	467.43	13.65	ND	ND	453.78	<1	<1	<1	<3	BRL	<1	**283**	<100	
	2/18/2013	467.43	11.10	ND	ND	456.33	<1	<1	<1	<3	BRL	<1	**838**	<100	
	6/5/2013	467.43	18.10	ND	ND	449.33	<1	<1	<1	<3	BRL	<1	**407**	<100	
	8/7/2013	467.43	21.99	ND	ND	445.44	<1	<1	<1	<2	BRL	<1	**790**	<100	
	10/4/2013	467.43	26.64	ND	ND	440.79	<1	<1	<1	<2	BRL	1.17	**984**	<100	
	3/7/2014	467.43	11.34	ND	ND	456.09	<1	<1	<1	<3	BRL	<1	**256**	<100	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-49	4/12/2005	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	5/3/2005	466.39	19.61	ND	ND	446.78	NS	NS	NS	NS	NS	NS	NS	NS	
	6/21/2005	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	7/7/2005	466.39	17.45	ND	ND	448.94	NS	NS	NS	NS	NS	NS	NS	NS	
	9/16/2005	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/26/2005	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	12/20/2005	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/9/2006	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	2/10/2006	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2006	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	5/31/2006	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	6/27/2006	466.39	17.38	ND	ND	449.01	NS	NS	NS	NS	NS	NS	NS	NS	
	8/24/2006	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	9/28/2006	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2006	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2006	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	11/22/2006	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	12/14/2006	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	12/22/2006	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/19/2007	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	2/23/2007	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	3/22/2007	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	4/25/2007	466.39	10.68	ND	ND	455.71	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	466.39	10.70	ND	ND	455.69	**8.2**	ND(1.0)	ND(1.0)	0.33 J	8.5 J	1.7	NA	NA	
	7/19/2007	466.39	16.90	ND	ND	449.49	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	466.39	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-49	2/19/2008	466.39	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/19/2008	466.39	8.16	ND	ND	458.23	**604**	37.2	63.8	44.1	749	**35.4**	NA	NA	
	10/28/2008	466.39	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/13/2009	466.39	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	466.39	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	466.39	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	466.39	14.73	ND	ND	451.66	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
MW-50	4/12/2005	464.12	8.82	ND	ND	455.30	3.5	4.0	73.5	71.2	152.2	**53.9**	NA	NA	
	5/3/2005	464.12	9.30	ND	ND	454.82	NS	NS	NS	NS	NS	NS	NS	NS	
	6/21/2005	464.12	10.29	ND	ND	453.83	NS	NS	NS	NS	NS	NS	NS	NS	
	7/7/2005	464.12	11.78	ND	ND	452.34	NS	NS	NS	NS	NS	NS	NS	NS	
	9/16/2005	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/26/2005	464.12	13.16	ND	ND	450.96	**8.5**	5.1	24.4	16.3	54.3	6.5	NA	NA	
	12/20/2005	464.12	12.18	ND	ND	451.94	NS	NS	NS	NS	NS	NS	NS	NS	
	1/9/2006	464.12	11.82	ND	ND	452.30	NS	NS	NS	NS	NS	NS	NS	NS	
	2/10/2006	464.12	11.56	ND	ND	452.56	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2006	464.12	12.45	ND	ND	451.67	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	464.12	12.85	ND	ND	451.27	**114**	136	196	222	668	**75.6**	NA	NA	
	5/31/2006	464.12	12.91	ND	ND	451.21	NS	NS	NS	NS	NS	NS	NS	NS	
	8/24/2006	464.12	14.69	ND	ND	449.43	NS	NS	NS	NS	NS	NS	NS	NS	
	9/28/2006	464.12	13.40	ND	ND	450.72	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2006	464.12	12.65	ND	ND	451.47	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2006	464.12	12.59	ND	ND	451.53	**46.8**	49.4	147	157	400	**22.0**	NA	NA	
	11/22/2006	464.12	11.46	ND	ND	452.66	NS	NS	NS	NS	NS	NS	NS	NS	
	12/14/2006	464.12	11.36	ND	ND	452.76	NS	NS	NS	NS	NS	NS	NS	NS	
	12/22/2006	464.12	12.50	ND	ND	451.62	NS	NS	NS	NS	NS	NS	NS	NS	
	1/19/2007	464.12	7.09	ND	ND	457.03	NS	NS	NS	NS	NS	NS	NS	NS	
	2/23/2007	464.12	7.00	ND	ND	457.12	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-50	3/22/2007	464.12	12.44	ND	ND	451.68	NS	NS	NS	NS	NS	NS	NS	NS	
	4/25/2007	464.12	7.53	ND	ND	456.59	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	464.12	7.55	ND	ND	456.57	**11.4**	15.0	26.2	179	232	**23.7**	NA	NA	
	7/19/2007	464.12	10.35	ND	ND	453.77	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	464.12	16.87	ND	ND	447.25	**16.8**	0.70 J	0.29 J	0.85 J	18.6 J	8.7	NA	NA	
	1/21/2008	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	464.12	4.44	ND	ND	459.68	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	Gauged on 5/19/08
	10/28/2008	464.12	9.55	ND	ND	454.57	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	1/13/2009	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	464.12	6.80	ND	ND	457.32	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	5/5/2009	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	12/9/2009	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	464.12	5.96	ND	ND	458.16	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.29 J	NA	ND(200)	
	4/30/2010	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	464.12	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-50	6/17/2010	464.12	9.98	ND	ND	454.14	0.32 J	0.48 J	7.0	7.3	15.1 J	1.4	ND(100)	**353**	
	9/2/2010	464.12	11.76	ND	ND	452.36	ND(1.0)	ND(1.0)	0.82 J	0.99 J	1.81 J	ND(1.0)	**444**	ND(200)	
	12/8/2010	464.12	9.43	ND	ND	454.69	ND(1.0)	0.45 J	6.3	6.3	13.1 J	0.62 J	**175**	**400**	
	1/12/2011	464.12	10.79	ND	ND	453.33	**7.9**	10.1	58.3	61.9	138.2	1.42	**1,060**	**3,600**	
	5/9/2011	464.12	5.75	ND	ND	458.37	<1	<1	4.08	<3	4.08	<1	<100	<100	sheen
	8/2/2011	464.12	11.18	ND	ND	452.94	2.3	1.75	8.94	9.23	22.22	<1	**170**	**1,210**	
	11/14/2011	464.12	8.26	ND	ND	455.86	2.33	1.14	9.45	8.43	21.35	<1	**417**	**1,450**	
	2/14/2012	464.12	5.44	ND	ND	458.68	**5.67**	2.44	30.9	22.6	61.61	1.34	**167**	**874**	
	5/15/2012	464.12	6.96	ND	ND	457.16	<1 [<1]	<1 [<1]	<1 [<1]	<3 [<3]	BRL [BRL]	<1 [<1]	**104 [<96.2]**	<100 [<100]	
	7/16/2012	464.12	8.45	ND	ND	455.67	<1	<1	<1	<3	BRL	<1	**272**	<100	
	10/8/2012	464.12	6.33	ND	ND	457.79	<1	<1	<1	<3	BRL	<1	**236**	<100	
	2/18/2013	464.12	5.27	ND	ND	458.85	<1	<1	9.55	9.03	18.58	<1	**260**	**494**	
	6/5/2013	464.12	8.40	ND	ND	455.72	<1	<1	<1	<3	BRL	<1	<100	<100	
	8/7/2013	464.12	9.38	ND	ND	454.74	<1	<1	<1	<2	BRL	<1	**152 B**	<100	
	10/4/2013	464.12	12.86	ND	ND	451.26	<1	<1	<1	<2	BRL	<1	**351**	**1,440**	
	3/7/2014	464.12	6.02	ND	ND	458.10	<1	<1	<1	<3	BRL	<1	**280**	<100	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-51	4/12/2005	462.76	6.80	ND	ND	455.96	**114**	9.7	24.7	21.3	170	**67.2**	NA	NA	
	10/26/2005	462.76	14.46	ND	ND	448.30	**41.8**	3.7	20.6	17.8	83.9	**36.6**	NA	NA	
	4/20/2006	462.76	14.02	ND	ND	448.74	**17.7**	0.38 J	0.68 J	0.37 J	19.1 J	7.6	NA	NA	
	11/7/2006	462.76	13.10	ND	ND	449.66	**48.6**	20.8	9.2	45.0	123.6	8.8	NA	NA	
	12/14/2006	462.76	10.80	ND	ND	451.96	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	462.76	6.20	ND	ND	456.56	**274**	10.8	33.7	30.6	349	**23.5**	NA	NA	
	10/11/2007	462.76	17.98	ND	ND	444.78	**197**	6.2	4.1	8.8	216	**94.2**	NA	NA	
	1/21/2008	462.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	462.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	462.76	2.64	ND	ND	460.12	**38.2**	2.2	16.0	10.1	66.5	5.7	NA	NA	Gauged on 5/19/08
	10/28/2008	462.76	23.82	ND	ND	438.94	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.41 J	NA	NA	
	1/13/2009	462.76	7.39	ND	ND	455.37	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	462.76	5.07	ND	ND	457.69	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	462.76	4.96	ND	ND	457.80	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	462.76	4.46	ND	ND	458.30	**66.4**	6.5	21.7	13.1	107.7	0.74 J	NA	NA	
	5/5/2009	462.76	4.25	ND	ND	458.51	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	462.76	4.40	ND	ND	458.36	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	462.76	5.00	ND	ND	457.76	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	462.76	5.00	ND	ND	457.76	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	462.76	5.19	ND	ND	457.57	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	462.76	5.35	ND	ND	457.41	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	462.76	7.51	ND	ND	455.25	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	12/9/2009	462.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	462.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	462.76	4.00	ND	ND	458.76	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	462.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	462.76	3.56	ND	ND	459.20	NS	NS	NS	NS	NS	NS	NS	NS	
	3/23/2010	462.76	5.00	ND	ND	457.76	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-51	3/31/2010	462.76	5.29	ND	ND	457.47	**156**	35.5	30.9	57.4	280	1.3	NA	**1,430**	
	4/30/2010	462.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	462.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	462.76	07.35	ND	ND	455.41	**359**	6.5	18.0	14.7	398.0	1.6 J	**264**	**1,860**	
	7/7/2010	462.76	07.18	ND	ND	455.58	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2010	462.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/13/2010	462.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/27/2010	462.76	5.91	ND	ND	456.85	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2010	462.76	6.43	ND	ND	456.33	**10.8**	ND(1.0)	0.47 J	ND(1.0)	11.3 J	ND(1.0)	ND(100)	ND(200)	
	9/16/2010	462.76	8.95	ND	ND	453.81	NS	NS	NS	NS	NS	NS	NS	NS	
	10/8/2010	462.76	8.54	ND	ND	454.22	NS	NS	NS	NS	NS	NS	NS	NS	
	10/20/2010	462.76	8.15	ND	ND	454.61	NS	NS	NS	NS	NS	NS	NS	NS	
	11/10/2010	462.76	8.71	ND	ND	454.05	NS	NS	NS	NS	NS	NS	NS	NS	
	11/22/2010	462.76	8.76	ND	ND	454.00	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	462.76	3.86	ND	ND	458.90	3.3	0.53 J	0.70 J	3.4	7.9 J	ND(1.0)	**172**	**311**	
	12/21/2010	462.76	8.73	ND	ND	454.03	NS	NS	NS	NS	NS	NS	NS	NS	
	1/12/2011	462.76	5.60	ND	ND	457.16	**14.8**	3.56	3.87	8.26	30.49	<1	<96.2	**472**	
	5/9/2011	462.76	3.14	ND	ND	459.62	**16.1**	3.56	7.1	9.26	36.02	<1	**227**	**390**	
	8/2/2011	462.76	7.69	ND	ND	455.07	**8.7 [8.72]**	<1 [1.02]	<1 [1.03]	7.79 [8.06]	16.49 [18.83]	<1 [<1]	**200 [99]**	**553 [532]**	
	11/14/2011	462.76	5.42	ND	ND	457.34	2.33	1.18	<1	4.17	7.68	<1	**177**	**335**	
	2/14/2012	462.76	2.09	ND	ND	460.67	NS	NS	NS	NS	NS	NS	NS	NS	insufficent volume for sample
	5/15/2012	462.76	2.48	ND	ND	460.28	<1	<1	<1	<3	BRL	<1	<97.1	<100	
	7/16/2012	462.76	5.05	ND	ND	457.71	<1	<1	<1	<3	BRL	<1	220	<100	
	10/8/2012	462.76	3.77	ND	ND	458.99	<1	<1	<1	<3	BRL	<1	**108**	**230**	
	2/18/2013	462.76	2.03	ND	ND	460.73	<1	<1	<1	<3	BRL	<1	**122**	<100	
	6/5/2013	462.76	5.95	ND	ND	456.81	<1	<1	1.85	<3	1.85	<1	**144**	**143**	
	8/7/2013	462.76	6.18	ND	ND	456.58	<1	<1	<1	<2	BRL	<1	**178 B**	<100	
	10/4/2013	462.76	8.91	ND	ND	453.85	<1	<1	<1	<2	BRL	<1	**136**	**132**	
	3/7/2014	462.76	2.91	ND	ND	459.85	**7.21**	<1	17.1	5.23	29.54	<1	**133**	**417**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-53S	12/14/2006	469.08	22.20	ND	ND	446.88	**5,390**	**6,070**	685	4,110	16,255	**110**	NA	NA	
	1/3/2007	469.08	19.41	ND	ND	449.67	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	469.08	12.50	ND	ND	456.58	**16,100**	**23,100**	**1,960**	**12,100**	53,260	**238**	NA	NA	
	5/21/2007	469.08	12.55	ND	ND	456.53	NS	NS	NS	NS	NS	NS	NS	NS	
	7/2/2007	469.08	12.46	ND	ND	456.62	NS	NS	NS	NS	NS	NS	NS	NS	
	8/3/2007	469.08	21.20	ND	ND	447.88	NS	NS	NS	NS	NS	NS	NS	NS	
	9/7/2007	469.08	12.77	ND	ND	456.31	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	469.08	25.55	ND	ND	443.53	**5,610**	516	247	787	7,160	**585**	NA	NA	
	10/24/2007	469.08	26.98	ND	ND	442.10	NS	NS	NS	NS	NS	NS	NS	NS	
	12/4/2007	469.08	26.43	ND	ND	442.65	NS	NS	NS	NS	NS	NS	NS	NS	
	12/19/2007	469.08	24.77	ND	ND	444.31	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	469.08	23.23	ND	ND	445.85	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	469.08	19.29	ND	ND	449.79	NS	NS	NS	NS	NS	NS	NS	NS	
	5/19/2008	469.08	12.97	ND	ND	456.11	**14,800**	**12,200**	**1,390**	7,720	36,110	**272**	NA	NA	
	10/28/2008	469.08	21.39	ND	ND	447.69	**3,990**	**7,010**	603	3,460	15,063	**68.7**	NA	NA	
	1/13/2009	469.08	20.44	ND	ND	448.64	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	469.08	18.18	ND	ND	450.90	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	469.08	18.00	ND	ND	451.08	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	469.08	16.48	ND	ND	452.60	**8,870**	**11,200**	**752**	3,950	24,772	**122**	NA	NA	
	5/5/2009	469.08	16.23	ND	ND	452.85	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	469.08	16.37	ND	ND	452.71	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	469.08	16.49	ND	ND	452.59	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	469.08	16.78	ND	ND	452.30	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	469.08	17.05	ND	ND	452.03	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	469.08	17.18	ND	ND	451.90	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	469.08	20.10	ND	ND	448.98	**974**	**2,150**	148	970	4,242	12.7	NA	NA	
	12/9/2009	469.08	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	469.08	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-53S	1/22/2010	469.08	16.10	ND	ND	452.98	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	469.08	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	469.08	15.40	ND	ND	453.68	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	3/23/2010	469.08	15.18	ND	ND	453.90	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	469.08	11.47	ND	ND	457.61	**11,100**	**11,700**	**991**	6,100	29,891	**389**	NA	**78,600**	
	4/30/2010	469.08	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	469.08	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	469.08	7.35	ND	ND	461.73	**20,000**	**23,700**	**1,770**	8,830	54,300	**645**	**3,440**	**133,000**	
	7/7/2010	469.08	7.16	ND	ND	461.92	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2010	469.08	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/13/2010	469.08	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/27/2010	469.08	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2010	469.08	22.75	ND	ND	446.33	**14,500**	**15,100**	672	4,980	35,252	**602**	**4,050**	**102,000**	
	9/16/2010	469.08	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	469.08	20.63	ND	ND	448.45	**14,200**	**15,600**	653	3,400	33,853	**844**	**1,180**	**72,200**	
	1/13/2011	469.08	20.55	NM	NM	448.53	**17,300**	**10,800**	**1,220**	5,690	35,010	**676**	**2,500**	**83,000**	
	5/9/2011	469.08	10.71	NM	NM	458.37	**19,200**	**26,000**	**1,440**	7,130	53,770	**761**	**2,060**	**110,000**	
	8/2/2011	469.08	19.36	NM	NM	449.72	**14,900**	**12,800**	**1,240**	5,310	34,250	**527**	**1,960**	**118,000**	
	11/14/2011	469.08	13.90	NM	NM	455.18	**18,400**	**15,900**	**1,710**	7,610	43,620	**393**	**2,450**	**99,300**	
	2/14/2012	469.08	11.68	NM	NM	457.40	**15,500**	**14,200**	**1,590**	9,110	40,400	**659**	**2,800**	**107,000**	
	5/15/2012	469.08	14.17	NM	NM	454.91	**18,500**	**22,900**	**1,770**	8,080	51,250	**707**	**3,110**	**132,000**	
	7/16/2012	469.08	15.93	NM	NM	453.15	**14,300**	**22,000**	**1,720**	7,810	45,830	**473**	**3,840**	**112,000**	
	10/8/2012	469.08	12.83	NM	NM	456.25	**14,300**	**11,100**	**1,580**	6,930	33,910	**344**	**2,420**	**75,600**	
	2/18/2013	469.08	11.52	NM	NM	457.56	**8,490**	**11,900**	472	4,670	25,532	**236**	**2,450**	**56,400**	
	6/5/2013	469.08	15.90	NM	NM	453.18	**15,200 [18,900]**	**19,200 [30,100]**	**1,650 [1,920]**	7,990 [9,000]	44,040 [59,920]	**414 [458]**	**3,790 [3,600]**	**95,700 [93,400]**	
	8/7/2013	469.08	18.51	NM	NM	450.57	**10,300 [10,300]**	**15,500 [15,800]**	**1,190 [1,210]**	6,230 [6,290]	33,220 [33,600]	**324 [328]**	**3,190 [2,510]**	**97,700 [96,300]**	
	10/4/2013	469.08	22.44	NM	NM	446.64	**13,800 [13,500]**	**18,900 [18,100]**	**1,600 [1,560]**	7,610 [7,340]	41,910 [40,500]	**373 [362]**	**5,190 [4,920]**	**116,000 [110,000]**	
	3/7/2014	469.08	12.40	NM	NM	456.68	**13,900 [13,700]**	**19,700 [19,700]**	**1,550 [1,520]**	7,520 [7,400]	42,670 [42,320]	**325 [317]**	**4,080 [3,480]**	**94,700 [95,200]**	

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Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-53I	12/14/2006	468.74	21.11	ND	ND	447.63	**2,090**	**2,110**	250	3,160	7,610	**186**	NA	NA	
	1/3/2007	468.74	19.07	ND	ND	449.67	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	468.74	12.65	ND	ND	456.09	**16,200**	**24,300**	**2,040**	**12,100**	54,640	**221**	NA	NA	
	5/21/2007	468.74	12.68	ND	ND	456.06	NS	NS	NS	NS	NS	NS	NS	NS	
	7/2/2007	468.74	12.59	ND	ND	456.15	NS	NS	NS	NS	NS	NS	NS	NS	
	8/3/2007	468.74	21.05	ND	ND	447.69	NS	NS	NS	NS	NS	NS	NS	NS	
	9/7/2007	468.74	12.84	ND	ND	455.90	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	469.09	25.70	ND	ND	443.39	2.0	0.41 J	ND(1.0)	0.59 J	3.0 J	0.87 J	NA	NA	
	10/24/2007	469.09	26.92	ND	ND	442.17	NS	NS	NS	NS	NS	NS	NS	NS	
	12/4/2007	468.74	26.01	ND	ND	442.73	NS	NS	NS	NS	NS	NS	NS	NS	
	12/19/2007	468.74	24.50	ND	ND	444.24	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	468.74	23.21	ND	ND	445.53	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	468.74	19.23	ND	ND	449.51	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	468.74	12.78	ND	ND	455.96	**952**	64.2	22.2	41.3	1,080	**53.5**	NA	NA	Gauged on 5/19/08
	10/28/2008	468.74	21.31	ND	ND	447.43	**85.0**	17.9	7.3	18.0	128.2	9.9	NA	NA	
	1/13/2009	468.74	19.67	ND	ND	449.07	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	468.74	18.10	ND	ND	450.64	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	468.74	18.00	ND	ND	450.74	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	468.74	16.45	ND	ND	452.29	3.1	ND(1.0)	ND(1.0)	ND(1.0)	3.1	0.89 J	NA	NA	
	5/5/2009	468.74	16.25	ND	ND	452.49	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	468.74	16.37	ND	ND	452.37	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	468.74	16.52	ND	ND	452.22	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	468.74	16.72	ND	ND	452.02	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	468.74	17.00	ND	ND	451.74	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	468.74	17.18	ND	ND	451.56	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	468.74	19.80	ND	ND	448.94	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	12/9/2009	468.74	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	468.74	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-53I	1/22/2010	468.74	16.00	ND	ND	452.74	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	468.74	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	468.74	15.33	ND	ND	453.41	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	3/23/2010	468.74	15.10	ND	ND	453.64	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	468.74	11.53	ND	ND	457.21	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	ND(200)	
	4/30/2010	468.74	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	468.74	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	468.74	18.58	ND	ND	450.16	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	205	ND(200)	
	7/7/2010	468.74	18.25	ND	ND	450.49	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2010	468.74	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/13/2010	468.74	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/27/2010	468.74	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2010	468.74	22.71	ND	ND	446.03	**222**	2.6	5.8	4.5	235	**20.5**	ND(100)	**1,110**	
	9/16/2010	468.74	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	468.74	20.50	ND	ND	448.24	**1,410**	56.5	24.4	24.3	1,515	**110**	ND(100)	**4,170**	
	1/13/2011	468.74	21.67	NM	NM	447.07	**3,060**	**1,410**	503	1,570	6,543	**161**	**861**	**18,100**	
	5/9/2011	468.74	10.40	NM	NM	458.34	**555**	159	49.6	205	969	**62.7**	**302**	**2,850**	
	8/2/2011	468.74	19.07	NM	NM	449.67	**1,800**	804	445	1,200	4,249	**69.5**	**835**	**18,000**	
	11/14/2011	468.74	13.50	NM	NM	455.24	**4,230**	**2,000**	**843**	2,290	9,363	**150**	**1,750**	**28,700**	
	2/14/2012	468.74	11.41	NM	NM	457.33	**5,300**	**2,030**	**1,130**	3,340	11,800	**358**	**1,640**	**34,500**	
	5/15/2012	468.74	13.75	NM	NM	454.99	**39.7**	7.05	5.82	16.4	68.97	4.25	**153**	**215**	
	7/16/2012	468.74	15.56	NM	NM	453.18	**35.5**	5.49	5.66	11.2	57.85	<1	**212**	**152**	
	10/8/2012	468.74	12.57	NM	NM	456.17	1.14	<1	<1	<3	1.14	1.11	**245**	<100	
	2/18/2013	468.74	11.25	NM	NM	457.49	<1	<1	<1	<3	BRL	<1	<93.5	<100	
	6/5/2013	468.74	15.64	NM	NM	453.10	<1	<1	<1	<3	BRL	<1	**222**	<100	
	8/7/2013	468.74	18.12	NM	NM	450.62	<1	<1	<1	<2	BRL	<1	**180**	<100	
	10/4/2013	468.74	22.26	NM	NM	446.48	<1	<1	<1	<2	BRL	<1	**195**	<100	
	3/7/2014	468.74	12.14	NM	NM	456.60	**351**	26.0	21.0	44.1	442.10	**24.2**	**235**	**1,800**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-53D	12/14/2006	469.09	21.47	ND	ND	447.62	**120**	99.9	23.9	117	361	12.5	NA	NA	
	1/3/2007	469.09	19.44	ND	ND	449.65	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	469.09	12.68	ND	ND	456.41	3.1	1.2	0.70 J	0.87 J	5.9 J	1.9	NA	NA	
	5/21/2007	469.09	12.71	ND	ND	456.38	NS	NS	NS	NS	NS	NS	NS	NS	
	7/2/2007	469.09	12.60	ND	ND	456.49	NS	NS	NS	NS	NS	NS	NS	NS	
	8/3/2007	469.09	21.40	ND	ND	447.69	NS	NS	NS	NS	NS	NS	NS	NS	
	9/7/2007	469.09	12.90	ND	ND	456.19	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2007	469.09	26.92	ND	ND	442.17	NS	NS	NS	NS	NS	NS	NS	NS	
	12/4/2007	469.09	26.50	ND	ND	442.59	NS	NS	NS	NS	NS	NS	NS	NS	
	12/19/2007	469.09	24.78	ND	ND	444.31	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	469.09	23.57	ND	ND	445.52	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	469.09	19.58	ND	ND	449.51	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	469.09	10.12	ND	ND	458.97	0.62 J	ND(1.0)	0.87 J	ND(1.0)	1.49 J	ND(1.0)	NA	NA	Gauged on 5/19/08
	10/28/2008	469.09	21.68	ND	ND	447.41	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	1/13/2009	469.09	21.08	ND	ND	448.01	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	469.09	18.47	ND	ND	450.62	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	469.09	18.40	ND	ND	450.69	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	469.09	16.75	ND	ND	452.34	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	5/5/2009	469.09	16.48	ND	ND	452.61	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	469.09	16.54	ND	ND	452.55	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	469.09	16.67	ND	ND	452.42	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	469.09	17.07	ND	ND	452.02	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	469.09	17.39	ND	ND	451.70	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	469.09	17.50	ND	ND	451.59	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	469.09	19.75	ND	ND	449.34	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	12/9/2009	469.09	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	469.09	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	469.09	16.27	ND	ND	452.82	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-53D	2/4/2010	469.09	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	469.09	16.05	ND	ND	453.04	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	3/23/2010	469.09	15.47	ND	ND	453.62	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	469.09	11.36	ND	ND	457.73	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.25 J	NA	ND(200)	
	4/30/2010	469.09	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	469.09	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	469.09	18.77	ND	ND	450.32	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(100)	ND(200)	
	7/7/2010	469.09	18.35	ND	ND	450.74	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2010	469.09	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/13/2010	469.09	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/27/2010	469.09	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2010	469.09	23.04	ND	ND	446.05	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(100)	ND(200)	
	9/16/2010	469.09	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	469.09	20.92	ND	ND	448.17	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(100)	ND(200)	
	1/13/2011	469.09	21.68	NM	NM	447.41	**27.4**	14.4	3.25	14.7	59.75	2.52	<100	**188**	
	5/9/2011	469.09	10.75	NM	NM	458.34	<1	1.03	<1	<3	1.03	<1	<94.3	<100	sheen
	8/2/2011	469.09	19.43	NM	NM	449.66	**14**	2.39	1.26	5.64	23.29	1.83	<98	<100	
	11/14/2011	469.09	13.83	NM	NM	455.26	**33**	11.2	6.89	33.6	84.69	2.38	<100	**307**	
	2/14/2012	469.09	11.73	NM	NM	457.36	<1	<1	<1	<3	BRL	<1	<95.2	<100	low-flow
	5/15/2012	469.09	14.08	NM	NM	455.01	<1	<1	<1	<3	BRL	<1	<111	<100	
	7/16/2012	469.09	15.89	NM	NM	453.20	<1	<1	<1	<3	BRL	<1	**513**	<100	
	10/8/2012	469.09	12.38	NM	NM	456.71	<1	<1	<1	<3	BRL	<1	<94.3	<100	
	2/18/2013	469.09	11.58	NM	NM	457.51	<1	<1	<1	<3	BRL	<1	<93.5	<100	
	6/5/2013	469.09	15.98	NM	NM	453.11	<1	<1	<1	<3	BRL	<1	<111	<100	
	8/7/2013	469.09	18.55	NM	NM	450.54	<1	<1	<1	<2	BRL	<1	**125**	<100	
	10/4/2013	469.09	22.59	NM	NM	446.50	<1	<1	<1	<2	BRL	<1	**114**	<100	
	3/7/2014	469.09	12.48	NM	NM	456.61	<1	<1	<1	<3	BRL	2.45	<96.2	<100	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-54S	12/14/2006	468.11	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/3/2007	468.11	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	468.11	11.34	ND	ND	456.77	**40.9**	9.9	8.4	282	341	16.8	NA	NA	
	5/21/2007	468.11	11.70	ND	ND	456.41	NS	NS	NS	NS	NS	NS	NS	NS	
	7/2/2007	468.11	11.30	ND	ND	456.81	NS	NS	NS	NS	NS	NS	NS	NS	
	9/7/2007	468.11	11.40	ND	ND	456.71	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2007	468.11	25.60	ND	ND	442.51	NS	NS	NS	NS	NS	NS	NS	NS	
	12/4/2007	468.11	26.77	ND	ND	441.34	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	468.11	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	468.11	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	468.11	9.05	ND	ND	459.06	**48.1**	4.7	33.2	134	220	9.4	NA	NA	Gauged on 5/19/08
	10/28/2008	468.11	18.55	ND	ND	449.56	0.31 J	ND(1.0)	ND(1.0)	ND(1.0)	0.31 J	0.38 J	NA	NA	
	1/13/2009	468.11	18.15	ND	ND	449.96	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	468.11	17.15	ND	ND	450.96	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	468.11	17.06	ND	ND	451.05	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	468.11	18.19	ND	ND	449.92	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	5/5/2009	468.11	18.05	ND	ND	450.06	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	468.11	17.94	ND	ND	450.17	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	468.11	18.03	ND	ND	450.08	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	468.11	16.85	ND	ND	451.26	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	468.11	17.00	ND	ND	451.11	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	468.11	17.12	ND	ND	450.99	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	468.11	18.17	ND	ND	449.94	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2009	468.11	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	468.11	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	468.11	16.08	ND	ND	452.03	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	468.11	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	468.11	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-54S	3/23/2010	468.11	14.44	ND	ND	453.67	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	468.11	9.12	ND	ND	458.99	**66.4**	3.5	16.3	212	298	4.9	NA	**3,670**	
	4/30/2010	468.11	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	468.11	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	468.11	11.02	ND	ND	457.09	**33**	2.9	80.8	6.2	122.9	3.1	**989**	**2,340**	
	7/7/2010	468.11	11.13	ND	ND	456.98	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2010	468.11	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/13/2010	468.11	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/27/2010	468.11	18.10	ND	ND	450.01	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2010	468.11	18.15	ND	ND	449.96	NS	NS	NS	NS	NS	NS	NS	NS	
	9/16/2010	468.11	18.20	ND	ND	449.91	NS	NS	NS	NS	NS	NS	NS	NS	
	10/8/2010	468.11	18.15	ND	ND	449.96	NS	NS	NS	NS	NS	NS	NS	NS	
	11/10/2010	468.11	18.20	ND	ND	449.91	NS	NS	NS	NS	NS	NS	NS	NS	
	11/22/2010	468.11	18.15	ND	ND	449.96	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	468.11	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	12/21/2010	468.11	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/11/2011	468.11	18.21	ND	ND	449.90	NS	NS	NS	NS	NS	NS	NS	NS	
	5/9/2011	468.11	9.21	ND	ND	458.90	**7.54**	<1	1.99	<3	9.53	<1	**1,050**	**248**	sheen
	8/2/2011	468.11	18.18	ND	ND	449.93	NS	NS	NS	NS	NS	NS	NS	NS	
	11/14/2011	468.11	12.36	ND	ND	455.75	**38.4**	<1	33.2	19.9	91.5	<1	**2,390**	**947**	
	2/14/2012	468.11	9.74	ND	ND	458.37	**24.4**	<1	8.46	7.44	40.3	<1	**1,930**	**871**	
	5/15/2012	468.11	12.43	ND	ND	455.68	**59.7**	1.15	99.5	61.6	221.95	<1	**2,360**	**2,790**	
	7/16/2012	468.11	14.2	ND	ND	453.91	**42.9 [35.8]**	<1 [1.17]	81.5 [87.9]	13 [19.3]	137.40	<1 [<1]	**1,210 [1,730]**	**2,200 [2,250]**	
	10/8/2012	468.11	11.71	ND	ND	456.40	**8.98**	<1	5.9	9.89	24.77	<1	**754**	**662**	
	2/18/2013	468.11	9.98	ND	ND	458.13	1.85	<1	<1	4.16	6.01	<1	**692**	**397**	
	6/5/2013	468.11	14.36	ND	ND	453.75	**7.4**	<1	48.4	12.3	68.1	<1	**957**	**1,540**	
	8/7/2013	468.11	18.06	ND	ND	450.05	4.05	<1	<1	<2	4.05	<1	**1,050**	**649**	
	10/4/2013	468.11	18.29	ND	ND	449.82	NS	NS	NS	NS	NS	NS	NS	NS	Not enough volume to sample
	3/7/2014	468.11	11.85	ND	ND	456.26	<1	<1	<1	5.39	5.39	<1	**468**	**129**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-54D	12/14/2006	467.84	23.69	ND	ND	444.15	**1,880**	789	**1,990**	6,720	11,379	**119**	NA	NA	
	1/3/2007	467.84	24.43	ND	ND	443.41	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	467.84	13.08	ND	ND	454.76	**1,920**	**1,190**	**1,650**	9,260	14,020	**93.8**	NA	NA	
	5/21/2007	467.84	13.11	ND	ND	454.73	NS	NS	NS	NS	NS	NS	NS	NS	
	7/2/2007	467.84	12.97	ND	ND	454.87	NS	NS	NS	NS	NS	NS	NS	NS	
	8/3/2007	467.84	23.22	ND	ND	444.62	NS	NS	NS	NS	NS	NS	NS	NS	
	9/7/2007	467.84	13.17	ND	ND	454.67	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	467.84	28.76	ND	ND	439.08	**1,160**	**1,070**	**1,430**	7,740	11,400	**107**	NA	NA	
	10/24/2007	467.84	26.80	ND	ND	441.04	NS	NS	NS	NS	NS	NS	NS	NS	
	12/4/2007	467.84	25.40	ND	ND	442.44	NS	NS	NS	NS	NS	NS	NS	NS	
	12/19/2007	467.84	27.84	ND	ND	440.00	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	467.84	26.04	ND	ND	441.80	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	467.84	21.55	ND	ND	446.29	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	467.84	10.14	ND	ND	457.70	**469**	122	299	3,940	4,830	**133**	NA	NA	Gauged on 5/19/08
	10/28/2008	467.84	24.10	ND	ND	443.74	**165**	84.0	12.6	1,270	1,532	**86.6**	NA	NA	
	1/13/2009	467.84	23.85	ND	ND	443.99	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	467.84	20.63	ND	ND	447.21	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	467.84	20.45	ND	ND	447.39	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	467.84	19.15	ND	ND	448.69	**157**	23.2	55.7	482	718	**51.4**	NA	NA	
	5/5/2009	467.84	18.96	ND	ND	448.88	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	467.84	18.98	ND	ND	448.86	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	467.84	19.07	ND	ND	448.77	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	467.84	18.69	ND	ND	449.15	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	467.84	18.84	ND	ND	449.00	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	467.84	19.00	ND	ND	448.84	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	467.84	22.40	ND	ND	445.44	**198**	79.1	194	923	1,394	**40.9**	NA	NA	
	12/9/2009	467.84	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	467.84	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-54D	1/22/2010	467.84	18.44	ND	ND	449.40	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	467.84	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	467.84	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/23/2010	467.84	16.63	ND	ND	451.21	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	467.84	11.93	ND	ND	455.91	**130**	39.2	177	665	1,011	**29.7**	NA	**7,750**	
	4/30/2010	467.84	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	467.84	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	467.84	20.69	ND	ND	447.15	3.3	1.5	0.85 J	7.7	13.4 J	1.2	**201**	**275**	
	7/7/2010	467.84	20.55	ND	ND	447.29	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2010	467.84	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/13/2010	467.84	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/27/2010	467.84	25.86	ND	ND	441.98	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2010	467.84	25.90	ND	ND	441.94	0.30 J	0.57 J	ND(1.0)	ND(1.0)	0.87 J	ND(1.0)	ND(100)	ND(200)	
	9/16/2010	467.84	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/8/2010	467.84	18.20	ND	ND	449.64	NS	NS	NS	NS	NS	NS	NS	NS	
	11/10/2010	467.84	25.41	ND	ND	442.43	NS	NS	NS	NS	NS	NS	NS	NS	
	11/22/2010	467.84	25.20	ND	ND	442.64	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	467.84	23.09	ND	ND	444.75	0.90 J	ND(1.0)	ND(1.0)	ND(1.0)	0.90 J	ND(1.0)	ND(100)	ND(200)	
	12/21/2010	467.84	23.92	ND	ND	443.92	NS	NS	NS	NS	NS	NS	NS	NS	
	1/11/2011	467.84	24.49	ND	ND	443.35	**1,340**	169	**1,630**	1,220	4,359	**63.3**	**3,010**	**22,400**	
	5/9/2011	467.84	11.31	ND	ND	456.53	**35.3**	7.41	27.6	26.3	96.6	1.44	**152**	**413**	sheen
	8/2/2011	467.84	21.91	ND	ND	445.93	**1,160**	144	**1,330**	1,320	3,954	**49.7**	**3,280**	**28,500**	
	11/14/2011	467.84	15.25	ND	ND	452.59	**1,230 [1,380]**	174 [173]	**1,640 [1,670]**	1,060 [1,080]	4,104 [4,303]	**31.5 [35.8]**	**4,350 [4,240]**	**20,900 [22,500]**	
	2/14/2012	467.84	12.73	ND	ND	455.11	**915 [1,010]**	131 [136]	**1,350 [1,500]**	1,090 [1,160]	3,486 [3,806]	**40.8 [37.5]**	**5,140 [5,000]**	**22,200 [25,100]**	
	5/15/2012	467.84	15.94	ND	ND	451.90	2.82	<1	3.16	<3	5.98	<1	<100	<100	
	7/16/2012	467.84	17.93	ND	ND	449.91	**240 E**	37	264 E	138	175.00	7.95	**450**	**761**	
	10/8/2012	467.84	14.25	ND	ND	453.59	**493**	56.1	585	187	1,321.1	14.2	**1,140**	**11,300**	
	2/18/2013	467.84	12.70	ND	ND	455.14	<1	<1	<1	<3	BRL	<1	**171**	<100	
	6/5/2013	467.84	18.18	ND	ND	449.66	**61.7**	26.3	83	23.1	194.1	2.68	**542**	**900**	
	8/7/2013	467.84	22.02	ND	ND	445.82	**84.9**	53.7	112	36	286.6	<1	**801 B**	**1,530**	
	10/4/2013	467.84	26.83	ND	ND	441.01	**98.6**	80.2	107	40.6	326.4	<1	**1,200**	**1,820**	
	3/7/2014	467.84	14.60	ND	ND	453.24	**308**	46.3	387	118	859.3	9.28	**2,420**	**5,310**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-55S	12/14/2006	465.76	19.50	ND	ND	446.26	**1,050**	**4,390**	679	6,840	12,959	**26.4**	NA	NA	
	1/3/2007	465.76	14.91	ND	ND	450.85	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	465.76	9.30	ND	ND	456.46	**2,390**	**1,610**	**1,750**	7,310	13,060	**124**	NA	NA	
	5/21/2007	465.76	9.33	ND	ND	456.43	NS	NS	NS	NS	NS	NS	NS	NS	
	7/2/2007	465.76	9.26	ND	ND	456.50	NS	NS	NS	NS	NS	NS	NS	NS	
	8/3/2007	465.76	15.11	ND	ND	450.65	NS	NS	NS	NS	NS	NS	NS	NS	
	9/7/2007	465.76	9.39	ND	ND	456.37	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	465.76	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2007	465.76	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	12/19/2007	465.76	19.81	ND	ND	445.95	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	465.76	19.83	ND	ND	445.93	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	465.76	19.83	ND	ND	445.93	NS	NS	NS	NS	NS	NS	NS	NS	
	5/19/2008	465.76	6.90	ND	ND	458.86	**1,110**	620	**1,210**	1,720	4,660	**70.4**	NA	NA	
	10/28/2008	465.76	19.80	ND	ND	445.96	**521**	356	532	757	2,166	**75.8**	NA	NA	
	1/13/2009	465.76	19.26	ND	ND	446.50	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	465.76	13.58	ND	ND	452.18	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	465.76	13.48	ND	ND	452.28	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	465.76	13.30	ND	ND	452.46	**262**	43.9	547	273	1,126	**53.3**	NA	NA	
	5/5/2009	465.76	13.05	ND	ND	452.71	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	465.76	13.37	ND	ND	452.39	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	465.76	13.84	ND	ND	451.92	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	465.76	12.76	ND	ND	453.00	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	465.76	12.97	ND	ND	452.79	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	465.76	14.60	ND	ND	451.16	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	465.76	14.85	ND	ND	450.91	**203**	35.0	**1,550**	88.6	1,877	**27.2**	NA	NA	
	12/9/2009	465.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	465.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	465.76	11.20	ND	ND	454.56	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-55S	2/4/2010	465.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	465.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/23/2010	465.76	11.68	ND	ND	454.08	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	465.76	7.85	ND	ND	457.91	**187**	51.8	226	103	568	**47.4**	NA	**7,400**	
	4/30/2010	465.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	465.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	465.76	13.56	ND	ND	452.20	**346**	85.8	**2,390**	590	3,412	17.0 J	**3,290**	**1,540**	
	7/7/2010	465.76	13.20	ND	ND	452.56	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2010	465.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/13/2010	465.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/27/2010	465.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2010	465.76	19.42	ND	ND	446.34	NS	NS	NS	NS	NS	NS	NS	NS	
	9/16/2010	465.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	465.76	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/11/2011	465.76	15.98	NM	NM	449.78	NS	NS	NS	NS	NS	NS	NS	NS	
	5/9/2011	465.76	6.68	NM	NM	459.08	**588**	79.6	434	242	1,344	5.62	**4,230**	**5,430**	sheen
	8/2/2011	465.76	14.76	NM	NM	451.00	**470**	29.4	188	18.3	705.7	11.2	**2,280**	**4,360**	
	11/14/2011	465.76	10.47	NM	NM	455.29	**330**	32.1	173	75.2	610.3	7.24	**1,930**	**3,290**	
	2/14/2012	465.76	8.05	NM	NM	457.71	**120**	18.1	141	24.8	303.9	12	**1,920**	**3,340**	
	5/15/2012	465.76	10.43	NM	NM	455.33	**61.2**	9.24	44.1	15.4	129.94	9.21	**1,420**	**2,450**	
	7/16/2012	465.76	11.85	NM	NM	453.91	**55.9**	11.3	54.5	14.1	135.80	7.65	**3,740**	**2,920**	
	10/8/2012	465.76	9.18	NM	NM	456.58	**48.7**	9.07	84.9	13.1	155.77	6.17	**1,660**	**3,320**	
	2/18/2013	465.76	7.78	NM	NM	457.98	**37.4**	5.82	28.4	18.5	90.12	<1	**1,560**	**3,090**	
	6/5/2013	465.76	11.81	NM	NM	453.95	**52.7**	16	131	35.4	235.1	3.49	**2,200**	**3,390**	
	8/7/2013	465.76	14.44	NM	NM	451.32	**36.5**	5.44	45.9	23.9	111.74	3.04	**2,280**	**4,200**	
	10/4/2013	465.76	18.90	NM	NM	446.86	**25.9**	5.65	2.95	17.9	52.40	<1	**1,770**	**2,900**	
	3/7/2014	465.76	9.42	NM	NM	456.34	**410**	29.4	193	93.9	726.30	8.81	**4,340**	**6,100**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-55I	12/14/2006	465.67	21.40	ND	ND	444.27	**2,280**	**3,700**	**1,600**	6,870	14,450	**31.9**	NA	NA	
	1/3/2007	465.67	19.06	ND	ND	446.61	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	465.67	10.90	ND	ND	454.77	**10,700**	**12,300**	**820**	10,000	33,820	**32.6 J**	NA	NA	
	5/21/2007	465.67	10.96	ND	ND	454.71	NS	NS	NS	NS	NS	NS	NS	NS	
	7/2/2007	465.67	10.86	ND	ND	454.81	NS	NS	NS	NS	NS	NS	NS	NS	
	8/3/2007	465.67	21.88	ND	ND	443.79	NS	NS	NS	NS	NS	NS	NS	NS	
	9/7/2007	465.67	11.01	ND	ND	454.66	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	465.67	26.35	ND	ND	439.32	**13,700**	**15,400**	**1,610**	8,390	39,100	ND(100)	NA	NA	
	10/24/2007	465.67	26.41	ND	ND	439.26	NS	NS	NS	NS	NS	NS	NS	NS	
	12/4/2007	465.67	26.77	ND	ND	438.90	NS	NS	NS	NS	NS	NS	NS	NS	
	12/19/2007	465.67	25.65	ND	ND	440.02	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	465.67	23.11	ND	ND	442.56	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	465.67	19.22	ND	ND	446.45	NS	NS	NS	NS	NS	NS	NS	NS	
	5/19/2008	465.67	8.05	ND	ND	457.62	**7,840**	**14,300**	**3,790**	**17,100**	43,030	ND(100)	NA	NA	
	10/28/2008	465.67	22.08	ND	ND	443.59	**5,600**	**5,920**	**3,150**	**14,400**	29,070	**33.3**	NA	NA	
	1/13/2009	465.67	21.40	ND	ND	444.27	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	465.67	17.52	ND	ND	448.15	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	465.67	17.40	ND	ND	448.27	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	465.67	17.11	ND	ND	448.56	**6,580**	**6,870**	**1,050**	7,510	22,010	**24.3 J**	NA	NA	
	5/5/2009	465.67	16.89	ND	ND	448.78	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	465.67	16.88	ND	ND	448.79	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	465.67	17.01	ND	ND	448.66	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	465.67	16.45	ND	ND	449.22	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	465.67	16.70	ND	ND	448.97	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	465.67	19.13	ND	ND	446.54	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	465.67	20.12	ND	ND	445.55	**6,720**	**7,650**	**1,270**	7,430	23,070	15.9 J	NA	NA	
	12/9/2009	465.67	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	465.67	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-55I	1/22/2010	465.67	15.32	ND	ND	450.35	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	465.67	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	465.67	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/23/2010	465.67	9.56	ND	ND	456.11	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	465.67	9.74	ND	ND	455.93	**948**	557	37.7	1,310	2,853	4.4	NA	**13,300**	
	4/30/2010	465.67	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	465.67	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	465.67	18.41	ND	ND	447.26	**4,270**	**3,420**	172	3,450	11,312	**25.7**	**3,650**	**43,100**	
	7/7/2010	465.67	15.32	ND	ND	450.35	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2010	465.67	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/13/2010	465.67	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/27/2010	465.67	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2010	465.67	23.51	ND	ND	442.16	**50.2**	67.2	8.7	351	477	ND(5.0)	**17,300**	**7,850**	
	9/16/2010	465.67	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	465.67	23.61	ND	ND	444.06	**2,730**	742	27.1	153	3,652	19.3	**1,640**	**9,170**	
	1/12/2011	465.67	22.23	NM	NM	443.44	**3,990**	**2,980**	**1,740**	7,360	16,070	**25.4**	**42,300**	**46,900**	
	5/9/2011	465.67	16.83	NM	NM	448.84	**7,220**	**3,750**	**1,300**	6,080	18,350	**37**	**4,190**	**54,600**	sheen
	8/2/2011	465.67	19.63	NM	NM	446.04	**3,360**	**1,540**	**1,130**	3,780	9,810	19.2	**2,470**	**49,000**	
	11/14/2011	465.67	13.40	NM	NM	452.27	**3,240**	**1,480**	**1,310**	4,550	10,580	<20	**3,200**	**46,800**	
	2/14/2012	465.67	10.56	NM	NM	455.11	**4,180**	**2,880**	**1,320**	4,860	13,240	19.9	**4,170**	**56,400**	
	5/15/2012	465.67	13.70	13.69	0.01	451.98	NS	NS	NS	NS	NS	NS	NS	NS	
	7/16/2012	465.67	15.72	NM	NM	449.95	**13,600**	**10,300**	**1,130**	6,900	31,930	**77.7**	**9,260**	**95,200**	
	10/8/2012	465.67	12.04	NM	NM	453.63	**12,500**	**9,490**	**1,210**	8,400	31,600	**70.3**	**12,700**	**78,500**	
	2/18/2013	465.67	10.50	NM	NM	455.17	**443**	182	11.9	1,250	1,886.9	<1	**2,650**	**8,350**	
	6/5/2013	465.67	15.92	NM	NM	449.75	**3,530**	**2,510**	70.7	2,830	8,940.7	**25.2**	**3,170**	**18,700**	
	8/7/2013	465.67	19.73	NM	NM	445.94	**4,630**	**3,240**	133	3,240	11,243	**37.6**	**3,280**	**41,100**	
	10/4/2013	465.67	24.43	NM	NM	441.24	**5,010**	**3,230**	260	5,000	13,500	**39.9**	**7,410**	**2,110**	
	3/7/2014	465.67	12.15	NM	NM	453.52	**10,300**	**7,150**	**795**	6,340	24,585	**52.8**	**8,050**	**61,500**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MW-55D	12/14/2006	466.24	20.21	ND	ND	446.03	**181**	170	69.1	281	701	9.6	NA	NA	
	1/3/2007	466.24	18.23	ND	ND	448.01	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	466.24	10.50	ND	ND	455.74	**105**	82.6	52.5	123	363	10.5	NA	NA	
	5/21/2007	466.24	10.55	ND	ND	455.69	NS	NS	NS	NS	NS	NS	NS	NS	
	7/2/2007	466.24	10.45	ND	ND	455.79	NS	NS	NS	NS	NS	NS	NS	NS	
	8/3/2007	466.24	18.85	ND	ND	447.39	NS	NS	NS	NS	NS	NS	NS	NS	
	9/7/2007	466.24	10.62	ND	ND	455.62	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	466.24	23.80	ND	ND	442.44	**40.5**	31.1	17.8	53.7	143.1	7.6	NA	NA	
	10/24/2007	466.24	23.92	ND	ND	442.32	NS	NS	NS	NS	NS	NS	NS	NS	
	12/4/2007	466.24	23.78	ND	ND	442.46	NS	NS	NS	NS	NS	NS	NS	NS	
	12/19/2007	466.24	23.30	ND	ND	442.94	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	466.24	21.10	ND	ND	445.14	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	466.24	18.46	ND	ND	447.78	NS	NS	NS	NS	NS	NS	NS	NS	
	5/21/2008	466.24	8.28	ND	ND	457.96	**50.0**	26.4	23.7	49.5	149.6	8.6	NA	NA	Gauged on 5/19/08
	10/28/2008	466.24	19.80	ND	ND	446.44	**88.9**	21.6	19.9	48.3	178.7	8.0	NA	NA	
	1/13/2009	466.24	19.20	ND	ND	447.04	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	466.24	16.00	ND	ND	450.24	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	466.24	15.84	ND	ND	450.40	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	466.24	15.62	ND	ND	450.62	**61.3**	9.5	6.7	32.9	110.4	7.1	NA	NA	
	5/5/2009	466.24	15.47	ND	ND	450.77	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	466.24	15.30	ND	ND	450.94	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	466.24	15.89	ND	ND	450.35	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	466.24	14.61	ND	ND	451.63	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	466.24	14.84	ND	ND	451.40	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	466.24	17.00	ND	ND	449.24	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	466.24	17.53	ND	ND	448.71	**42.7**	6.2	7.3	18.0	74.2	5.2	NA	NA	
	12/9/2009	466.24	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	466.24	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MW-55D	1/22/2010	466.24	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	466.24	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	466.24	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/23/2010	466.24	14.93	ND	ND	451.31	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	466.24	8.61	ND	ND	457.63	**48.1**	7.8	21.5	19.9	97.3	7.3	NA	**812**	
	4/30/2010	466.24	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	466.24	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	466.24	15.90	ND	ND	450.34	**78.2**	10.9	19.0	28.7	136.8	7.6	**290**	**1,260**	
	7/7/2010	466.24	18.01	ND	ND	448.23	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2010	466.24	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/13/2010	466.24	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/27/2010	466.24	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2010	466.24	21.00	ND	ND	445.24	**57.6**	7.8	13.2	21.9	100.5	5.5	**202**	**1,060**	
	9/16/2010	466.24	26.51	ND	ND	439.73	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	466.24	19.17	ND	ND	447.07	**67.4**	6.9	8.7	12.0	95.0	6.5	**121**	**535**	
	1/11/2011	466.24	19.24	ND	ND	447.00	**150**	9.29	16.3	9.45	185.04	6.6	**192**	**1,820**	
	5/9/2011	466.24	7.58	ND	ND	458.66	**92.4**	5.03	5.35	12.8	115.58	6.51	**168**	**589**	sheen
	8/2/2011	466.24	17.09	ND	ND	449.15	**142**	6.54	14.7	6.77	170.01	5.23	**134**	**1,520**	
	11/14/2011	466.24	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/14/2012	466.24	9.10	ND	ND	457.14	**127**	4.64	7.02	<3	138.66	5.13	**181**	**947**	low-flow
	5/15/2012	466.24	11.30	ND	ND	454.94	**61.8**	5.65	7.58	23.4	98.43	6.06	**215**	**921**	
	7/16/2012	466.24	13.23	ND	ND	453.01	**94.3**	7.6	13	20.5	135.40	5.73	**301**	**1,050**	
	10/8/2012	466.24	10.60	ND	ND	455.64	**127**	6.52	18	7.66	159.18	5.3	**200**	**1,430**	
	2/18/2013	466.24	8.63	ND	ND	457.61	**26.5**	1.85	<1	5.89	34.24	2.74	**155**	**339**	
	6/5/2013	466.24	13.17	ND	ND	453.07	**16.4**	1.22	1.14	3.5	22.26	3.35	**149**	**255**	
	8/7/2013	466.24	16.33	ND	ND	449.91	**17.9**	1.34	1.98	5.1	26.32	3.18	**283**	**347**	
	10/4/2013	466.24	20.64	ND	ND	445.60	**10.0**	<1	<1	<2	10.00	<1	**188**	**219**	
	3/7/2014	466.24	10.34	ND	ND	455.90	**89.2**	3.44	6.35	<3	98.99	3.56	**172**	**934**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
RW-52	4/12/2005	459.78	18.52	ND	ND	441.26	**193**	19.6	61.9	71.8	346	**144**	NA	NA	
	7/7/2005	459.78	21.70	ND	ND	438.08	NS	NS	NS	NS	NS	NS	NS	NS	
	9/16/2005	459.78	30.45	ND	ND	429.33	NS	NS	NS	NS	NS	NS	NS	NS	
	10/26/2005	459.78	33.84	ND	ND	425.94	**127**	18.2	55.8	79.0	280	**37.8**	NA	NA	
	12/20/2005	459.78	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/9/2006	460.36	35.95	ND	ND	424.41	NS	NS	NS	NS	NS	NS	NS	NS	
	2/10/2006	460.36	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	460.36	NM	NM	NM	NM	**169**	31.8	80.2	116	397	**42.0**	NA	NA	
	5/31/2006	460.36	28.65	ND	ND	431.71	NS	NS	NS	NS	NS	NS	NS	NS	
	6/27/2006	460.94	27.32	ND	ND	433.62	NS	NS	NS	NS	NS	NS	NS	NS	
	8/24/2006	460.94	27.13	ND	ND	433.81	NS	NS	NS	NS	NS	NS	NS	NS	
	9/28/2006	460.94	26.64	ND	ND	434.30	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2006	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2006	460.94	25.70	ND	ND	435.24	**183**	10.7	26.2	36.4	256	**35.3**	NA	NA	
	11/22/2006	460.94	21.84	ND	ND	439.10	NS	NS	NS	NS	NS	NS	NS	NS	
	12/22/2006	460.94	25.63	ND	ND	435.31	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	460.94	25.40	ND	ND	435.54	**275**	13.0	10.4	18.8	317	**30.1**	NA	NA	
	12/19/2007	460.94	20.66	ND	ND	440.28	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/19/2008	460.94	NM	NM	NM	NM	**254**	7.1	2.6	13.5	277	**28.7**	NA	NA	
	10/28/2008	460.94	NM	NM	NM	NM	**169**	7.7	3.7	17.8	198	**23.3**	NA	NA	
	1/13/2009	460.94	14.00	ND	ND	446.94	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	460.94	14.00	ND	ND	446.94	**131**	5.9	2.2	15.0	154	18.3	NA	NA	
	5/5/2009	460.94	14.00	ND	ND	446.94	NS	NS	NS	NS	NS	NS	NS	NS	
	6/30/2009	460.94	6.15	ND	ND	454.79	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	460.94	14.36	ND	ND	446.58	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
RW-52	8/10/2009	460.94	11.60	ND	ND	449.34	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	460.94	NM	NM	NM	NM	**21.9**	0.81 J	0.57 J	2.3	25.6 J	0.44 J	NA	NA	
	12/9/2009	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/23/2010	460.94	12.10	ND	ND	448.84	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	460.94	4.63	ND	ND	456.31	**85.9**	5.1	0.42 J	1.4	92.8 J	8.1	NA	**1,120**	
	4/30/2010	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	460.94	14.08	ND	ND	446.86	ND(1.0)	51.4	ND(1.0)	ND(1.0)	51.4	ND(1.0)	**34,800**	**254**	
	7/7/2010	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2010	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/13/2010	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/27/2010	460.94	19.61	ND	ND	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2010	460.94	19.74	ND	ND	441.20	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(100)	ND(200)	
	9/16/2010	460.94	20.21	ND	ND	440.73	NS	NS	NS	NS	NS	NS	NS	NS	
	10/8/2010	460.94	19.85	ND	ND	441.09	NS	NS	NS	NS	NS	NS	NS	NS	
	11/10/2010	460.94	19.51	ND	ND	441.43	NS	NS	NS	NS	NS	NS	NS	NS	
	11/22/2010	460.94	18.95	ND	ND	441.99	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	460.94	18.45	ND	ND	442.49	0.83 J	12.2	0.47 J	ND(1.0)	13.5 J	ND(1.0)	**22,100**	**266**	
	12/21/2010	460.94	19.20	ND	ND	441.74	NS	NS	NS	NS	NS	NS	NS	NS	
	1/11/2011	460.94	18.12	ND	ND	442.82	**163 [173]**	6.56 [7.61]	3.21 [3.75]	12.8 [14.5]	185.57 [198.86]	12.2 [13.9]	**361 [308]**	**3,270 [3,240]**	
	5/9/2011	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/2/2011	460.94	15.14	ND	ND	445.80	**175**	9.1	5.07	9.67	198.84	8.03	**270**	**2,820**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
RW-52	11/14/2011	460.94	NM	NM	NM	NM	**190**	8.77	2.12	13.7	214.59	8.02	**384**	**2,870**	
	2/14/2012	460.94	5.52	ND	ND	455.42	**104**	2.18	<1	<3	106.18	5.08	**191**	**1,580**	
	5/15/2012	460.94	8.75	ND	ND	452.19	<1	<1	<1	<3	BRL	<1	<100	<100	
	7/16/2012	460.94	11.22	ND	ND	449.72	**7.29**	<1	<1	<3	7.29	<1	**119**	**520**	
	10/8/2012	460.94	7.25	ND	ND	453.69	**9.24**	<1	<1	<3	9.24	<1	<94.3	**121**	
	2/18/2013	460.94	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	not accessible
	6/5/2013	460.94	11.64	ND	ND	449.30	<1	<1	<1	<3	BRL	BRL	<100	<100	
	8/7/2013	460.94	15.57	ND	ND	445.37	<1	<1	<1	<2	BRL	<1	**106**	<100	
	10/4/2013	460.94	20.44	ND	ND	440.50	<1	<1	<1	<2	BRL	<1	**439**	<100	
	3/7/2014	460.94	7.31	ND	ND	453.63	<1	<1	<1	<3	BRL	<1	<89.3	<100	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
VW-1	4/12/2005	465.07	7.80	ND	ND	457.27	**637**	**1,040**	157	718	2,552	13.0	NA	NA	
	5/3/2005	465.07	4.08	ND	ND	460.99	NS	NS	NS	NS	NS	NS	NS	NS	
	6/21/2005	465.07	9.55	ND	ND	455.52	NS	NS	NS	NS	NS	NS	NS	NS	
	7/7/2005	465.07	10.03	ND	ND	455.04	NS	NS	NS	NS	NS	NS	NS	NS	
	9/16/2005	465.07	11.41	ND	ND	453.66	NS	NS	NS	NS	NS	NS	NS	NS	
	10/26/2005	465.07	10.02	ND	ND	455.05	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	12/20/2005	465.07	11.16	ND	ND	453.91	NS	NS	NS	NS	NS	NS	NS	NS	
	1/9/2006	465.07	10.53	ND	ND	454.54	NS	NS	NS	NS	NS	NS	NS	NS	
	2/10/2006	465.07	10.34	ND	ND	454.73	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2006	465.07	10.65	ND	ND	454.42	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	465.07	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	5/31/2006	465.07	11.31	ND	ND	453.76	NS	NS	NS	NS	NS	NS	NS	NS	
	6/27/2006	465.07	9.66	ND	ND	455.41	NS	NS	NS	NS	NS	NS	NS	NS	
	8/24/2006	465.07	11.26	ND	ND	453.81	NS	NS	NS	NS	NS	NS	NS	NS	
	9/28/2006	465.07	11.52	ND	ND	453.55	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2006	465.07	10.07	ND	ND	455.00	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2006	465.07	10.75	ND	ND	454.32	**43.3**	1.8	3.3	3.5	51.9	0.46 J	NA	NA	
	11/22/2006	465.07	10.53	ND	ND	454.54	NS	NS	NS	NS	NS	NS	NS	NS	
	12/14/2006	465.07	10.20	ND	ND	454.87	NS	NS	NS	NS	NS	NS	NS	NS	
	12/22/2006	465.07	10.71	ND	ND	454.36	NS	NS	NS	NS	NS	NS	NS	NS	
	1/19/2007	465.07	7.28	ND	ND	457.79	NS	NS	NS	NS	NS	NS	NS	NS	
	2/23/2007	465.07	7.25	ND	ND	457.82	NS	NS	NS	NS	NS	NS	NS	NS	
	3/22/2007	465.07	10.63	ND	ND	454.44	NS	NS	NS	NS	NS	NS	NS	NS	
	4/25/2007	465.07	7.30	ND	ND	457.77	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	465.07	7.30	ND	ND	457.77	**95.2**	173	35.1	225	528	12.8	NA	NA	
	7/19/2007	465.07	9.21	ND	ND	455.86	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	465.07	11.90	ND	ND	453.17	**465**	97.3	94.2	189	846	33.6	NA	NA	
	10/24/2007	465.07	12.60	ND	ND	452.47	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
VW-1	12/19/2007	465.07	10.13	ND	ND	454.94	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	465.07	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	465.07	8.41	ND	ND	456.66	NS	NS	NS	NS	NS	NS	NS	NS	
	5/19/2008	465.07	4.00	ND	ND	461.07	**637**	49.9	330	573	1,590	**28.3**	NA	NA	
	10/28/2008	465.07	6.00	ND	ND	459.07	0.71 J	0.40 J	0.28 J	0.69 J	2.08 J	0.38 J	NA	NA	
	1/13/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	NSVD	6.16	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	1.6	1.6	ND(1.0)	NA	NA	
	5/5/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	NSVD	9.76	ND	ND	NSVD	**224**	140	109	757	1,230	ND(1.0)	NA	NA	
	12/9/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	NSVD	5.82	ND	ND	NSVD	**52.9**	10.6	7.9	73.2	144.6	0.65 J	NA	**631**	
	4/30/2010	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	NSVD	9.00	ND	ND	NSVD	**1,150**	397	**834**	2,440	4,821	**88.0**	**2,010**	**20,600**	
	9/2/2010	NSVD	9.86	ND	ND	NSVD	**599**	51	254	389	1,293	**47.7**	**1,040**	**6,380**	
	12/8/2010	NSVD	6.80	ND	ND	NSVD	**567**	29	44	56	696	**51.6**	**241**	**2,040**	
	1/13/2011	NSVD	7.74	ND	ND	NSVD	**1,030**	375	**956**	1,570	3,931	**40.8**	**2,310**	**12,600**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
VW-1	5/9/2011	NSVD	4.65	ND	ND	NSVD	**623**	80.1	610	718	2,031	16.5	**1,630**	**5,160**	sheen
	8/2/2011	NSVD	9.31	ND	ND	NSVD	**2,020**	199	**1,490**	2,620	6,329	**86**	**1,930**	**30,600**	
	11/14/2011	NSVD	6.72	ND	ND	NSVD	**921**	69	**850**	1,070	2,910	19.2	**1,900**	**17,600**	
	2/14/2012	NSVD	3.81	ND	ND	NSVD	**551**	36	647	360	1,594	12.3	**1,420**	**9,160**	
	5/15/2012	NSVD	4.29	ND	ND	NSVD	**33.2**	2.77	7.36	14.8	58.13	<1	**233**	**819**	
	7/16/2012	NSVD	6.58	ND	ND	NSVD	**100**	127	141	302	670.00	<1	**1,240**	**5,330**	
	10/8/2012	NSVD	4.23	ND	ND	NSVD	**16.1 [14.4]**	4.83 [4.76]	30.8 [29.6]	55.3 [56.5]	107.0 [105.3]	<1 [<1]	**172 [338]**	**1,650 [1,600]**	
	2/18/2013	NSVD	3.58	ND	ND	NSVD	**2.31**	<1	<1	<3	2	<1	**260**	**<100**	
	6/5/2013	NSVD	7.08	ND	ND	NSVD	**44**	39.7	6.2	78	167.9	<1	**1,750**	**612**	
	8/7/2013	NSVD	7.58	ND	ND	NSVD	**90.6**	38.6	268	707	1,104.2	<1	**878 B**	**10,300**	
	10/4/2013	NSVD	10.23	ND	ND	NSVD	**140**	15.7	106	138	399.7	<1	**2,250**	**4,230**	
	3/7/2014	NSVD	4.43	ND	ND	NSVD	**68.2**	9.22	80.7	21.4	179.5	<1	**685**	**1,270**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
VW-2	4/12/2005	465.88	3.05	ND	ND	462.83	ND(5.0)	ND(5.0)	ND(5.0)	2.5 J	2.5 J	**5,760**	NA	NA	
	5/3/2005	465.88	3.10	ND	ND	462.78	NS	NS	NS	NS	NS	NS	NS	NS	
	6/21/2005	465.88	3.42	ND	ND	462.46	NS	NS	NS	NS	NS	NS	NS	NS	
	7/7/2005	465.88	3.67	ND	ND	462.21	NS	NS	NS	NS	NS	NS	NS	NS	
	9/16/2005	465.88	6.00	ND	ND	459.88	NS	NS	NS	NS	NS	NS	NS	NS	
	10/26/2005	465.88	3.01	ND	ND	462.87	ND(1.0)	3.7	0.59 J	3.1	7.4 J	4.1	NA	NA	
	12/20/2005	465.88	3.12	ND	ND	462.76	NS	NS	NS	NS	NS	NS	NS	NS	
	1/9/2006	465.88	3.10	ND	ND	462.78	NS	NS	NS	NS	NS	NS	NS	NS	
	2/10/2006	465.88	3.10	ND	ND	462.78	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2006	465.88	3.35	ND	ND	462.53	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	465.88	3.57	ND	ND	462.31	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.5	NA	NA	
	5/31/2006	465.88	3.53	ND	ND	462.35	NS	NS	NS	NS	NS	NS	NS	NS	
	6/27/2006	465.88	3.30	ND	ND	462.58	NS	NS	NS	NS	NS	NS	NS	NS	
	8/24/2006	465.88	11.40	ND	ND	454.48	NS	NS	NS	NS	NS	NS	NS	NS	
	9/28/2006	465.88	3.48	ND	ND	462.40	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2006	465.88	3.29	ND	ND	462.59	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2006	465.88	3.35	ND	ND	462.53	ND(1.0)	ND(1.0)	ND(1.0)	0.35 J	0.35 J	4.8	NA	NA	
	11/22/2006	465.88	3.08	ND	ND	462.80	NS	NS	NS	NS	NS	NS	NS	NS	
	12/14/2006	465.88	3.05	ND	ND	462.83	NS	NS	NS	NS	NS	NS	NS	NS	
	1/19/2007	465.88	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	2/23/2007	465.88	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	465.88	2.65	ND	ND	463.23	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	7/19/2007	465.88	3.30	ND	ND	462.58	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	465.88	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2007	465.88	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	12/19/2007	465.88	3.12	ND	ND	462.76	NS	NS	NS	NS	NS	NS	NS	NS	
	1/21/2008	465.88	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	465.88	2.92	ND	ND	462.96	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
VW-2	5/19/2008	465.88	3.27	ND	ND	462.61	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.4	NA	NA	
	10/28/2008	465.88	6.80	ND	ND	459.08	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.4	NA	NA	
	1/13/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	NSVD	2.87	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.96 J	NA	NA	
	5/5/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	NSVD	3.67	ND	ND	NSVD	2.1	3.8	ND(1.0)	1.7	7.6	2.1	NA	NA	
	12/9/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	NSVD	2.69	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.0	NA	ND(200)	
	4/30/2010	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	NSVD	3.25	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.55 J	**272**	**244**	
	9/2/2010	NSVD	6.78	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.3	ND(100)	ND(200)	
	12/8/2010	NSVD	3.02	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.89 J	**147**	ND(200)	
	1/13/2011	NSVD	3.50	ND	ND	NSVD	**10.7**	29.4	7.79	32.7	80.59	1.0	**128**	**226**	
	5/9/2011	NSVD	2.85	ND	ND	NSVD	<1	<1	<1	<3	BRL	<1	**146**	**114**	
	8/2/2011	NSVD	9.07	ND	ND	NSVD	1.05	2.29	<1	<3	3.34	1.5	**669**	**227**	
	11/14/2011	NSVD	2.55	ND	ND	NSVD	1.97	3.78	<1	<3	5.75	<1	**109**	**251**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
VW-2	2/14/2012	NSVD	2.61	ND	ND	NSVD	3.33	9.53	2.86	13.2	28.92	<1	<95.2	**164**	
	5/15/2012	NSVD	2.93	ND	ND	NSVD	<1	<1	2	<3	2	<1	**118**	**348**	
	7/16/2012	NSVD	3.28	ND	ND	NSVD	<1	<1	<1	<3	0	<1	**305**	**369**	
	10/8/2012	NSVD	2.13	ND	ND	NSVD	<1	<1	<1	<3	BRL	<1	**119**	**190**	
	2/18/2013	NSVD	2.78	ND	ND	NSVD	<1	<1	<1	<3	BRL	2.79	**166**	<100	
	6/5/2013	NSVD	3.26	ND	ND	NSVD	<1	<1	1.59	<3	1.59	<1	**115**	**191**	
	8/7/2013	NSVD	3.91	ND	ND	NSVD	<1	<1	<1	<2	BRL	<1	**254**	**444**	
	10/4/2013	NSVD	12.59	ND	ND	NSVD	NS	NS	NS	NS	NS	NS	NS	NS	Not enough volume to sample
	3/7/2014	NSVD	2.68	ND	ND	NSVD	<1	<1	<1	<3	BRL	<1	**167**	**297**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
VW-3	4/12/2005	464.65	7.10	ND	ND	457.55	2.7	5.9	1.5	6.2	16.3	**30.3**	NA	NA	
	5/3/2005	464.65	5.89	ND	ND	458.76	NS	NS	NS	NS	NS	NS	NS	NS	
	6/21/2005	464.65	8.55	ND	ND	456.10	NS	NS	NS	NS	NS	NS	NS	NS	
	7/7/2005	464.65	10.85	ND	ND	453.80	NS	NS	NS	NS	NS	NS	NS	NS	
	9/16/2005	464.65	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/26/2005	464.65	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	12/20/2005	464.65	10.40	ND	ND	454.25	NS	NS	NS	NS	NS	NS	NS	NS	
	1/9/2006	464.65	10.49	ND	ND	454.16	NS	NS	NS	NS	NS	NS	NS	NS	
	2/10/2006	464.65	10.31	ND	ND	454.34	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2006	464.65	10.63	ND	ND	454.02	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	464.65	11.03	ND	ND	453.62	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.64 J	NA	NA	
	5/31/2006	464.65	11.30	ND	ND	453.35	NS	NS	NS	NS	NS	NS	NS	NS	
	6/27/2006	464.65	10.35	ND	ND	454.30	NS	NS	NS	NS	NS	NS	NS	NS	
	8/24/2006	464.65	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	9/28/2006	464.65	11.00	ND	ND	453.65	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2006	464.65	10.77	ND	ND	453.88	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2006	464.65	10.77	ND	ND	453.88	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	11/22/2006	464.65	10.23	ND	ND	454.42	NS	NS	NS	NS	NS	NS	NS	NS	
	12/14/2006	464.65	10.35	ND	ND	454.30	NS	NS	NS	NS	NS	NS	NS	NS	
	1/19/2007	464.65	7.15	ND	ND	457.50	NS	NS	NS	NS	NS	NS	NS	NS	
	2/23/2007	464.65	7.04	ND	ND	457.61	NS	NS	NS	NS	NS	NS	NS	NS	
	3/22/2007	464.65	10.82	ND	ND	453.83	NS	NS	NS	NS	NS	NS	NS	NS	
	4/25/2007	464.65	6.70	ND	ND	457.95	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	464.65	6.70	ND	ND	457.95	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	7/19/2007	464.65	8.58	ND	ND	456.07	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	464.65	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2007	464.65	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	12/19/2007	464.65	10.57	ND	ND	454.08	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
VW-3	1/21/2008	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/19/2008	464.65	7.98	ND	ND	456.67	NS	NS	NS	NS	NS	NS	NS	NS	
	5/19/2008	464.65	2.52	ND	ND	462.13	**88.3**	4.4	2.5	1.1	96.3	**20.9**	NA	NA	
	10/28/2008	464.65	6.83	ND	ND	457.82	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	1/13/2009	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/6/2009	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/16/2009	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	4/23/2009	464.65	5.12	ND	ND	459.53	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	5/5/2009	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/1/2009	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	7/9/2009	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	8/10/2009	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	9/3/2009	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/1/2009	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	10/12/2009	464.65	8.89	ND	ND	455.76	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	12/9/2009	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	464.65	5.23	ND	ND	459.42	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	ND(200)	
	4/30/2010	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	464.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	464.65	8.08	ND	ND	456.57	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	**269**	ND(200)	
	9/2/2010	464.65	9.05	ND	ND	455.60	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	**144**	ND(200)	
	12/8/2010	464.65	5.33	ND	ND	459.32	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(100)	ND(200)	
	1/12/2011	464.65	6.71	ND	ND	457.94	<1	2.31	2.03	9.37	13.71	<1	**129**	<100	
	5/9/2011	464.65	4.31	ND	ND	460.34	<1	<1	<1	<3	BRL	<1	**1,050**	<100	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
VW-3	8/2/2011	464.65	8.40	ND	ND	456.25	<1	<1	<1	<3	BRL	<1	<98	<100	
	11/14/2011	464.65	6.20	ND	ND	458.45	<1	<1	<1	<3	BRL	<1	**109**	<100	
	2/14/2012	464.65	2.87	ND	ND	461.78	NS	NS	NS	NS	NS	NS	NS	NS	insufficent volume for sample
	5/15/2012	464.65	3.42	ND	ND	461.23	<1 [<1]	<1 [<1]	<1 [<1]	<3 [<3]	BRL	<1 [<1]	**545 [555]**	<100 [<100]	
	7/16/2012	464.65	5.79	ND	ND	458.86	<1	<1	<1	<3	0	<1	**523**	<100	
	10/8/2012	464.65	3.52	ND	ND	461.13	<1	<1	<1	<3	BRL	<1	**395**	<100	
	2/18/2013	464.65	2.82	ND	ND	461.83	<1	<1	<1	<3	BRL	<1	**448**	<100	
	6/5/2013	464.65	6.76	ND	ND	457.89	<1	<1	<1	<3	BRL	<1	**1,220**	<100	
	8/7/2013	464.65	6.93	ND	ND	457.72	<1	<1	<1	<2	BRL	<1	**432 B**	<100	
	10/4/2013	464.65	9.71	ND	ND	454.94	<1	<1	<1	<2	BRL	<1	**576**	<100	
	3/7/2014	464.65	3.72	ND	ND	460.93	<1	<1	<1	<3	BRL	<1	**327**	<100	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
VW-4	4/12/2005	465.88	8.06	ND	ND	457.82	2.3	ND(1.0)	ND(1.0)	ND(1.0)	2.3	3.9	NA	NA	
	5/3/2005	465.88	7.96	ND	ND	457.92	NS	NS	NS	NS	NS	NS	NS	NS	
	6/21/2005	465.88	9.69	ND	ND	456.19	NS	NS	NS	NS	NS	NS	NS	NS	
	7/7/2005	465.88	11.85	ND	ND	454.03	NS	NS	NS	NS	NS	NS	NS	NS	
	9/16/2005	465.88	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/26/2005	465.88	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	12/20/2005	465.88	11.62	ND	ND	454.26	NS	NS	NS	NS	NS	NS	NS	NS	
	1/9/2006	465.88	12.11	ND	ND	453.77	NS	NS	NS	NS	NS	NS	NS	NS	
	2/10/2006	465.88	11.96	ND	ND	453.92	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2006	465.88	12.53	ND	ND	453.35	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	465.88	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	5/31/2006	465.88	12.90	ND	ND	452.98	NS	NS	NS	NS	NS	NS	NS	NS	
	6/27/2006	465.88	12.15	ND	ND	453.73	NS	NS	NS	NS	NS	NS	NS	NS	
	8/24/2006	465.88	12.70	ND	ND	453.18	NS	NS	NS	NS	NS	NS	NS	NS	
	9/28/2006	465.88	12.43	ND	ND	453.45	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2006	465.88	12.05	ND	ND	453.83	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2006	465.88	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	11/22/2006	465.88	11.91	ND	ND	453.97	NS	NS	NS	NS	NS	NS	NS	NS	
	12/14/2006	465.88	12.05	ND	ND	453.83	NS	NS	NS	NS	NS	NS	NS	NS	
	12/22/2006	465.88	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/19/2007	465.88	8.01	ND	ND	457.87	NS	NS	NS	NS	NS	NS	NS	NS	
	2/23/2007	465.88	7.97	ND	ND	457.91	NS	NS	NS	NS	NS	NS	NS	NS	
	3/22/2007	465.88	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	7/19/2007	465.88	9.51	ND	ND	456.37	NS	NS	NS	NS	NS	NS	NS	NS	
	10/11/2007	465.88	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2007	465.88	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	12/19/2007	465.88	10.57	ND	ND	455.31	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
VW-5	4/12/2005	466.31	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed
VW-6	4/12/2005	466.53	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/26/2005	466.53	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	466.53	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2006	466.53	9.27	ND	ND	457.26	**22.3**	8.2	3.2	17.2	50.9	ND(1.0)	NA	NA	
	12/14/2006	466.53	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	466.53	7.50	ND	ND	459.03	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	10/11/2007	466.53	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	10/24/2007	466.53	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed
VW-7	4/12/2005	466.53	9.39	ND	ND	457.17	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	10/26/2005	466.56	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	4/20/2006	466.56	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	5/31/2006	466.56	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2006	466.56	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	12/14/2006	466.56	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	4/26/2007	466.56	8.35	ND	ND	458.21	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	NA	NA	
	10/11/2007	466.56	9.76	ND	ND	456.80	**165**	10.1	54.4	134	364	ND(1.0)	NA	NA	
	12/19/2007	466.56	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	Well destroyed

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
DPE-1	11/11/2009	NSVD	13.43	ND	ND	NSVD	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2009	NSVD	14.29	ND	ND	NSVD	**4,190**	**15,500**	**1,170**	8,150	29,010	**241**	NA	NA	
	12/9/2009	468.37	13.15	ND	ND	455.22	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	468.37	10.10	ND	ND	458.27	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	468.37	14	ND	ND	454.37	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	468.37	8.6	ND	ND	459.77	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	468.37	8.52	ND	ND	459.85	NS	NS	NS	NS	NS	NS	NS	NS	
	3/23/2010	468.37	6.80	ND	ND	461.57	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	468.37	8.04	ND	ND	460.33	**33.4**	340	307	699	1,379	3.3	NA	**5,970**	
	4/30/2010	468.37	14.00	ND	ND	454.37	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	468.37	13.7	ND	ND	454.67	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	468.37	17.70	ND	ND	450.67	**2,360**	**14,300**	**5,920**	**26,900**	49,480	**490**	**31,500**	**135,000**	
	7/7/2010	468.37	17.22	ND	ND	451.15	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2010	468.37	22.00	ND	ND	446.37	NS	NS	NS	NS	NS	NS	NS	NS	
	8/13/2010	468.37	22.51	22.5	0.01	445.87	NS	NS	NS	NS	NS	NS	NS	NS	
	8/27/2010	468.37	21.79	ND	ND	446.58	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2010	468.37	22.11	ND	ND	446.26	**6,950**	**16,200**	**1,940**	9,730	34,820	**405**	**7,950**	**104,000**	
	9/16/2010	468.37	22.70	ND	ND	445.67	NS	NS	NS	NS	NS	NS	NS	NS	
	10/8/2010	468.37	22.52	ND	ND	445.85	NS	NS	NS	NS	NS	NS	NS	NS	
	10/20/2010	468.37	19.61	ND	ND	448.76	NS	NS	NS	NS	NS	NS	NS	NS	
	11/10/2010	468.37	22.78	ND	ND	445.59	NS	NS	NS	NS	NS	NS	NS	NS	
	11/22/2010	468.37	22.02	ND	ND	446.35	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	468.37	18.13	ND	ND	450.24	**6,890**	**16,500**	**1,120**	5,290	26,800	**478**	**3,320**	**70,000**	
	12/21/2010	468.37	18.23	ND	ND	450.14	NS	NS	NS	NS	NS	NS	NS	NS	
	1/13/2011	468.37	18.61	ND	ND	449.76	**6,050**	**15,600**	**2,060**	**11,000**	34,710	**372**	**4,770**	**78,000**	
	5/9/2011	468.37	9.41	ND	ND	458.96	**4,240**	**11,000**	**1,970**	8,720	25,930	**216**	**3,780**	**67,200**	
	8/2/2011	468.37	18.14	ND	ND	450.23	**5,630**	**14,300**	**1,830**	9,960	31,720	**263**	**2,880**	**115,000**	
	11/14/2011	468.37	12.26	ND	ND	456.11	**6,150**	**12,600**	**2,410**	**11,600**	32,760	**254**	**3,890**	**89,400**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
DPE-1	2/14/2012	468.37	8.53	ND	ND	459.84	**4,880**	**7,480**	**1,980**	**11,000**	25,340	**162**	**3,790**	**74,300**	
	5/15/2012	468.37	8.66	ND	ND	459.71	NS	NS	NS	NS	NS	NS	NS	NS	
	7/16/2012	468.37	8.11	ND	ND	460.26	**1,870**	**3,760**	**1,510**	7,920	15,060	19.2	**3,790**	**45,800**	
	10/11/2012	468.37	8.51	ND	ND	459.86	**1,120**	**1,600**	**1,250**	4,880	8,850	4.13	**4,220**	**37,900**	
	2/18/2013	468.37	7.28	ND	ND	461.09	**2,060**	**2,600**	**2,280**	8,550	15,490	20	**3,180**	**46,300**	
	6/5/2013	468.37	9.49	ND	ND	458.88	**1,180 [1,220]**	**2,280 [2,480]**	**1,670 [1,860]**	6,980 [7,580]	12,1100 [13,140]	10.6 [10.9]	**3,700 [3,380]**	**31,000 [29,200]**	
	8/7/2013	468.37	9.49	15.99	ND	458.88	**1,260 [1,280]**	**2,780 [2,890]**	**1,290 [1,330]**	5,370 [5,590]	10,700 [11,090]	<1 [<1]	**3,920 B [3,840]**	**46,400 [45,300]**	
	10/4/2013	468.37	21.60	15.99	ND	446.77	**1,480 [1,480]**	976 [976]	**1,540 [1,520]**	6,120 [6,090]	10,116 [10,066]	<1 [<1]	**3,740 [4,790]**	**46,400 [44,400]**	
	3/7/2014	468.37	9.47	15.99	ND	458.90	**1,270 [1,220]**	**1,310 [1,300]**	**1,910 [1,980]**	6,060 [6,320]	10,550 [10,820]	**25.1 [24.6]**	**4,340 [4,310]**	**36,100 [38,100]**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)** *5*	**Toluene (µg/L)** *1,000*	**Ethyl-benzene (µg/L)** *700*	**Total Xylenes (µg/L)** *10,000*	**Total BTEX (µg/L)** *--*	**MTBE (µg/L)** *20*	**TPH-DRO (µg/L)** *47*	**TPH-GRO (µg/L)** *47*	**Comments**
MP-1	11/30/2009	NSVD	6.50	ND	ND	NSVD	**35.7**	210	140	452	838	2.8	NA	NA	
	12/9/2009	468.51	7.22	ND	ND	461.29	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	468.51	7.74	ND	ND	460.77	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	468.51	6.27	ND	ND	462.24	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	468.51	9.35	ND	ND	459.16	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	468.51	8.87	ND	ND	459.64	NS	NS	NS	NS	NS	NS	NS	NS	
	3/23/2010	468.51	8.40	ND	ND	460.11	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	468.51	9.65	ND	ND	458.86	**1,050**	**1,960**	436	4,050	7,496	**82.6**	NA	**23,700**	
	4/30/2010	468.51	16.29	ND	ND	452.22	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	468.51	14.30	ND	ND	454.21	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	468.51	15.58	ND	ND	452.93	**2,950**	**5,190**	628	3,470	12,238	**327**	**2,380**	**50,000**	
	7/7/2010	468.51	15.40	ND	ND	453.11	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2010	468.51	22.85	ND	ND	445.66	NS	NS	NS	NS	NS	NS	NS	NS	
	8/13/2010	468.51	15.22	ND	ND	453.29	NS	NS	NS	NS	NS	NS	NS	NS	
	8/27/2010	468.51	20.05	ND	ND	448.46	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2010	468.51	20.75	ND	ND	447.76	**684**	231	168	576	1,659	**228**	**3,080**	**15,600**	
	9/16/2010	468.51	21.65	ND	ND	446.86	NS	NS	NS	NS	NS	NS	NS	NS	
	10/8/2010	468.51	21.47	ND	ND	447.04	NS	NS	NS	NS	NS	NS	NS	NS	
	10/20/2010	468.51	23.01	ND	ND	445.50	NS	NS	NS	NS	NS	NS	NS	NS	
	11/10/2010	468.51	21.41	ND	ND	447.10	NS	NS	NS	NS	NS	NS	NS	NS	
	11/22/2010	468.51	18.44	ND	ND	450.07	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	468.51	14.93	ND	ND	453.58	**3,780**	**7,830**	491	3,400	15,501	**405**	**4,270**	**42,600**	
	12/21/2010	468.51	17.31	ND	ND	451.20	NS	NS	NS	NS	NS	NS	NS	NS	
	1/13/2011	468.51	13.66	ND	ND	454.85	**5,940**	**11,200**	**929**	5,790	23,859	**443**	**3,080**	**57,300**	
	5/9/2011	468.51	7.21	ND	ND	461.30	**4,240**	**7,550**	**1,120**	4,960	17,870	**188**	**2,190**	**39,100**	
	8/2/2011	468.51	15.10	ND	ND	453.41	**7,580**	**13,400**	**1,490**	7,390	29,860	**329**	**1,710**	**101,000**	
	11/21/2011	468.51	NM	NM	NM	NM	**9,500 [9,240]**	**18,100 [18,100]**	**2,420 [2,350]**	**10,200 [10,100]**	40,220 [39,790]	**304 [298]**	**3,720 [3,080]**	**104,000 [101,000]**	

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MP-1	2/14/2012	468.51	9.20	ND	ND	459.31	**6,920**	**15,200**	**2,570**	**10,600**	35,290	**212**	**3,830**	**98,300**	
	5/15/2012	468.51	2.29	ND	ND	466.22	<1	4.8	3.29	9.2	17.29	<1	**461**	**562**	
	7/16/2012	468.51	2.60	ND	ND	465.91	1.64	8.97	4.82	22.7	38.13	<1	**874**	**547**	
	10/11/2012	468.51	2.85	ND	ND	465.66	<1	<1	2.16	6.85	9.01	<1	<94.3	**262**	
	2/18/2013	468.51	5.82	ND	ND	462.69	1.84	2.9	40.5	25.1	70.34	<1	**320**	**1,090**	
	6/5/2013	468.51	7.95	ND	ND	460.56	<1	<1	1.81	NA	1.81	<1	**380**	**624**	
	8/7/2013	468.51	13.83	ND	ND	454.68	**197**	55.9	115	322	689.9	12.4	**950 B**	**5,810**	
	10/4/2013	468.51	20.64	ND	ND	447.87	**1,020**	124	200	737	2,081.0	**32.3**	**1,700**	**10,900**	
	3/7/2014	468.51	9.50	ND	ND	459.01	**3,030**	**2,100**	**1,070**	3,300	9,500	**72.1**	**2,770**	**25,800**	

Table 1
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Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MP-2	11/11/2009	NSVD	19.50	18.30	1.20	NSVD	NS	NS	NS	NS	NS	NS	NS	NS	
	11/19/2009	NSVD	18.10	16.80	1.30	NSVD	NS	NS	NS	NS	NS	NS	NS	NS	
	11/30/2009	NSVD	16.74	ND	ND	NSVD	**4,040**	**18,000**	**3,010**	**15,200**	40,250	**535**	NA	NA	
	12/9/2009	468.20	14.20	ND	ND	454.00	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	468.20	12.08	ND	ND	456.12	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	468.20	16.00	ND	ND	452.20	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	468.20	12.15	ND	ND	456.05	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	468.20	11.85	ND	ND	456.35	NS	NS	NS	NS	NS	NS	NS	NS	
	3/23/2010	468.20	9.50	ND	ND	458.70	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	468.20	11.25	ND	ND	456.95	**434**	**2,200**	**2,140**	9,150	13,924	**116**	**NA**	**45,300**	
	4/30/2010	468.20	13.15	ND	ND	455.05	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	468.20	16.90	ND	ND	451.30	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	468.20	18.23	ND	ND	449.97	**4,810**	**16,700**	**2,220**	10,000	33,730	**232**	**2,850**	**116,000**	
	7/7/2010	468.20	17.93	ND	ND	450.27	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2010	468.20	23.00	21.85	1.15	446.07	NS	NS	NS	NS	NS	NS	NS	NS	
	8/13/2010	468.20	23.72	22.60	1.12	445.33	NS	NS	NS	NS	NS	NS	NS	NS	
	8/27/2010	468.20	23.10	21.98	1.12	445.95	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2010	468.20	22.46	22.30	0.16	445.86	NS	NS	NS	NS	NS	NS	NS	NS	
	9/16/2010	468.20	22.99	22.80	0.19	445.35	NS	NS	NS	NS	NS	NS	NS	NS	
	10/8/2010	468.20	22.04	22.01	0.03	446.18	NS	NS	NS	NS	NS	NS	NS	NS	
	10/20/2010	468.20	21.73	21.70	0.03	446.49	NS	NS	NS	NS	NS	NS	NS	NS	
	11/10/2010	468.20	22.07	21.97	0.10	446.21	NS	NS	NS	NS	NS	NS	NS	NS	
	11/22/2010	468.20	21.43	21.41	0.02	446.79	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	468.20	20.41	20.36	0.05	447.83	NS	NS	NS	NS	NS	NS	NS	NS	
	12/21/2010	468.20	20.57	20.54	0.03	447.65	NS	NS	NS	NS	NS	NS	NS	NS	
	1/13/2011	468.20	20.89	ND	ND	447.31	**2,520**	**9,240**	**2,200**	**17,000**	30,960	**425**	**20,200**	**69,200**	
	5/9/2011	468.20	10.03	ND	ND	458.17	**887**	**3,650**	**1,830**	8,900	15,267	**159**	**9,210**	**46,800**	
	8/2/2011	468.20	18.76	18.75	0.01	449.44	NS	NS	NS	NS	NS	NS	NS	NS	
	11/21/2011	468.20	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	

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Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MP-2	2/14/2012	468.20	11.03	ND	ND	457.17	**1,830**	**3,980**	**1,980**	**10,100**	17,890	**142**	**3,910**	**60,300**	
	5/15/2012	468.20	12.93	ND	ND	455.27	**566**	**1,370**	**1,010**	4,240	7186	**34.8**	**8,630**	**35,000**	
	7/16/2012	468.20	15.37	ND	ND	452.83	**1,040**	**3,000**	**1,180**	4,780	10000	**51.7**	**20,100**	**47,400**	
	10/11/2012	468.20	11.43	ND	ND	456.77	**86.5**	160	133	436	815.5	1.87	**1,500**	**10,800**	
	2/18/2013	468.20	8.82	ND	ND	459.38	**48.3**	99.1	153	525	825.4	1.15	**1,450**	**3,970**	
	6/5/2013	468.20	13.58	ND	ND	454.62	**390**	704	**773**	2,840	4,707	7.12	**1,990**	**11,900**	
	8/7/2013	468.20	16.92	ND	ND	451.28	**320**	**1,980**	**3,220**	4,460	9,980	<1	**28,100**	**48,600**	
	10/4/2013	468.20	21.82	ND	ND	446.38	**1,350**	983	**1,360**	4,880	8,573.0	**79.4**	**78,600**	**60,000**	
	3/7/2014	468.20	11.13	ND	ND	457.07	**87.2**	188	377	1,090	1,742.2	2.10	**3,610**	**9,770**	

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Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MP-3	11/30/2009	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	Well inaccessible
	12/9/2009	468.62	16.75	ND	ND	451.87	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2009	468.62	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	
	1/22/2010	468.62	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	2/4/2010	468.62	13.00	ND	ND	455.62	NS	NS	NS	NS	NS	NS	NS	NS	
	2/16/2010	468.62	12.00	ND	ND	456.62	NS	NS	NS	NS	NS	NS	NS	NS	
	3/23/2010	468.62	10.00	ND	ND	458.62	NS	NS	NS	NS	NS	NS	NS	NS	
	3/31/2010	468.62	11.35	ND	ND	457.27	**435**	223	350	975	1,983	**64.5**	NA	**8,580**	
	4/30/2010	468.62	14.36	ND	ND	454.26	NS	NS	NS	NS	NS	NS	NS	NS	
	5/16/2010	468.62	14.80	ND	ND	453.82	NS	NS	NS	NS	NS	NS	NS	NS	
	6/17/2010	468.62	6.00	ND	ND	462.62	**489**	221	472	549	1,731	**69.6**	**1,110**	**11,400**	
	7/7/2010	468.62	6.89	ND	ND	461.73	NS	NS	NS	NS	NS	NS	NS	NS	
	7/30/2010	468.62	22.10	ND	ND	446.52	NS	NS	NS	NS	NS	NS	NS	NS	
	8/13/2010	468.62	22.80	ND	ND	445.82	NS	NS	NS	NS	NS	NS	NS	NS	
	8/27/2010	468.62	22.80	ND	ND	445.82	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2010	468.62	22.95	ND	ND	445.67	NS	NS	NS	NS	NS	NS	NS	NS	
	9/16/2010	468.62	22.98	ND	ND	445.64	NS	NS	NS	NS	NS	NS	NS	NS	
	10/8/2010	468.62	22.23	ND	ND	446.39	NS	NS	NS	NS	NS	NS	NS	NS	
	10/20/2010	468.62	21.23	ND	ND	447.39	NS	NS	NS	NS	NS	NS	NS	NS	
	11/10/2010	468.62	19.20	ND	ND	449.42	NS	NS	NS	NS	NS	NS	NS	NS	
	11/22/2010	468.62	23.10	ND	ND	445.52	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2010	468.62	23.81	ND	ND	444.81	**454**	323	**749**	1,800	3,326	**72.7**	NA	**26,000**	
	12/21/2010	468.62	23.75	ND	ND	444.87	NS	NS	NS	NS	NS	NS	NS	NS	
	1/13/2011	468.62	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	
	5/9/2011	468.62	10.46	NM	NM	458.16	**543**	427	**1,200**	4,710	6,880	**47.9**	**3,170**	**22,400**	
	8/2/2011	468.62	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	obstruction
	11/14/2011	468.62	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	well dry

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Thurmont, Maryland

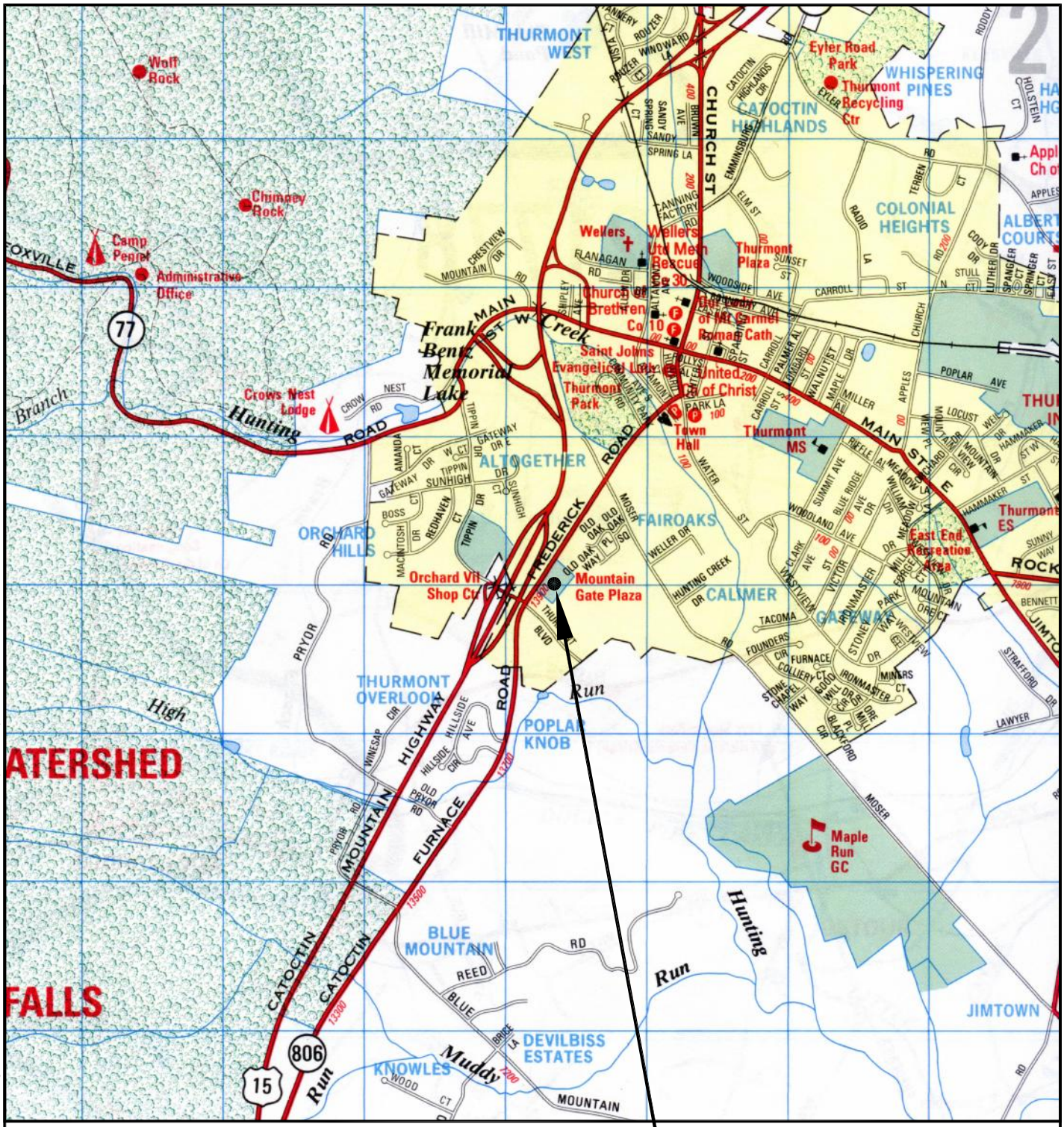
		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**Total BTEX (µg/L)**	**MTBE (µg/L)**	**TPH-DRO (µg/L)**	**TPH-GRO (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*47*	*47*	
MP-3	2/14/2012	468.62	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	well dry
	5/15/2012	468.62	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	obstruction
	7/16/2012	468.62	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	obstruction
	10/11/2012	468.62	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	obstruction
	2/18/2013	468.62	DRY	DRY	DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	well dry
	6/5/2013	468.62	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	obstruction
	8/7/2013	468.62	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	obstruction
	10/4/2013	468.62	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	obstruction
	3/7/2014	468.62	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	obstruction

Table 1
Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
143 Frederick Road
Thurmont, Maryland

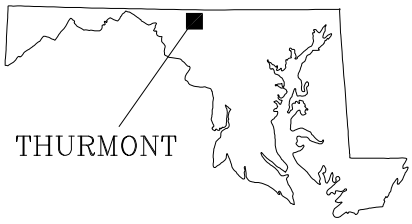
Notes:

µg/L - micrograms/liter
italic values - MDE Groundwater Clean-Up Standards
0.65 [1.63] - results from duplicate sample listed in brackets
BRL - Below laboratory reporting limits
BTEX - Benzene, toluene, ethyl benzene, and total xylenes
DRO - Diesel Range Organics
GRO - Gasoline Range Organics
GW - Groundwater
J - Indicates an estimated value
mg/L - milligram per liter
MDE - Maryland Department of the Environment
MTBE - Methyl Tert Butyl Ether
NA - Not analyzed
ND - Not detected
ND(5.0) - Not detected at or above the laboratory reporting limit, laboratory reporting limit included.
NM - Not monitored
NS - Not sampled
NSVD - Not surveyed to vertical datum
TPH - Total Petroleum Hydrocarbons

Figures



MAP SOURCE: ADC Frederick Co. MD. Street Map Book



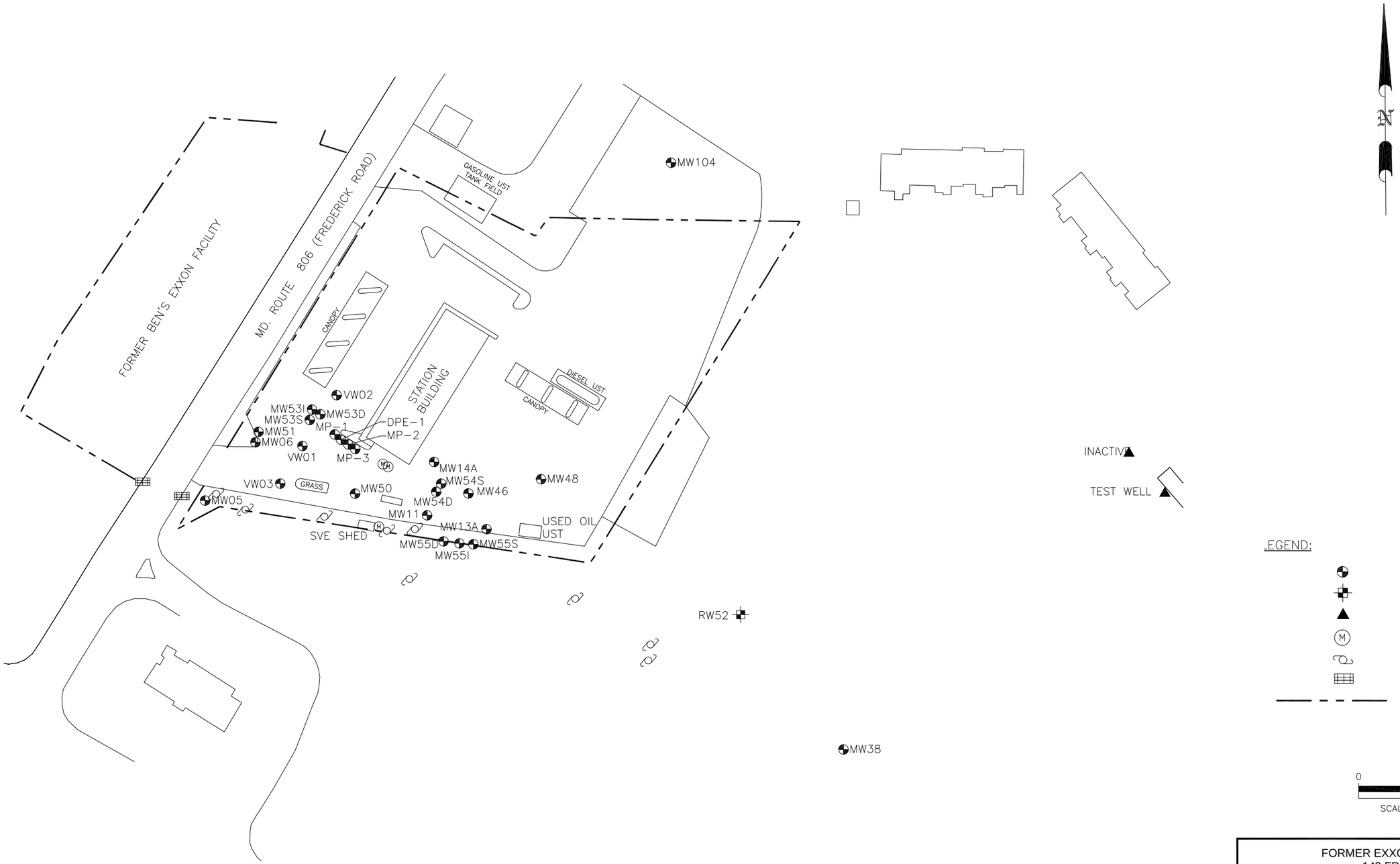
FORMER EXXON FACILITY # 25553
143 FREDERICK RD
THURMONT, MD.

LOCAL AREA MAP

ARCADIS

FIGURE
1

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\ENVCAD\BALTIMORE\ACT\B0085851\0014\00002\143 Frederick RD-Site-Loc.dwg LAYOUT: 1 SAVED: 4/15/2011 10:11 AM ACADVER: 18.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ACAD.CTB PLOTTED: 4/29/2011 12:39 PM BY: GOFORTH, JOHN



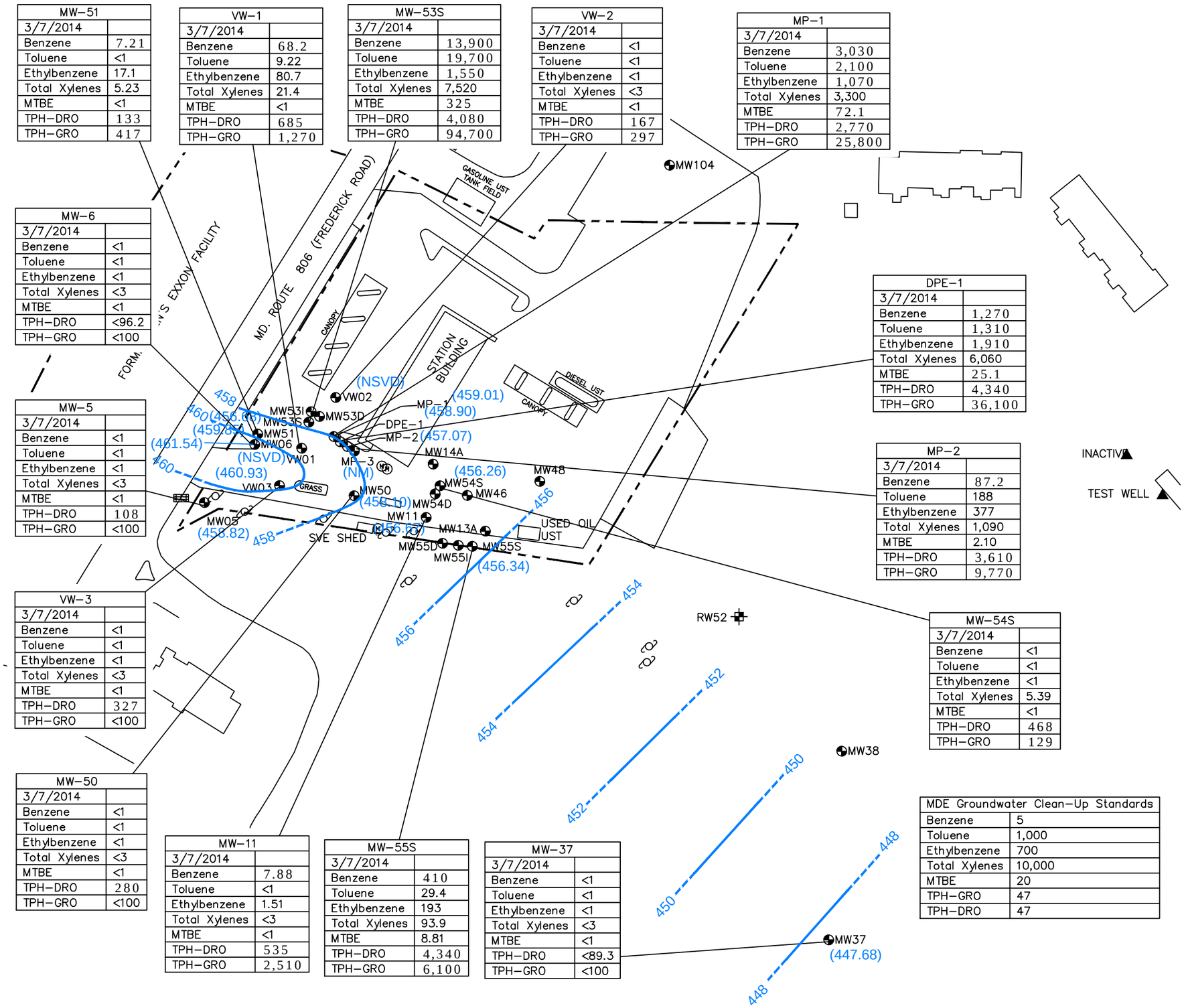
FORMER EXXON FACILITY # 25553
143 FREDERICK RD
THURMONT, MD.

SITE MAP

ARCADIS

FIGURE
2

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\ENVCAD\BALTIMORE\ACT\B0085510\0140\00021\43 Frederick Site Base.dwg LAYOUT: 2 SAVED: 4/29/2011 12:50 PM ACADVER: 18.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ACAD.CTB PLOTTED: 4/29/2011 12:50 PM BY: GOFORTH, JOHN



MW-51	
3/7/2014	
Benzene	7.21
Toluene	<1
Ethylbenzene	17.1
Total Xylenes	5.23
MTBE	<1
TPH-DRO	133
TPH-GRO	417

VW-1	
3/7/2014	
Benzene	68.2
Toluene	9.22
Ethylbenzene	80.7
Total Xylenes	21.4
MTBE	<1
TPH-DRO	685
TPH-GRO	1,270

MW-53S	
3/7/2014	
Benzene	13,900
Toluene	19,700
Ethylbenzene	1,550
Total Xylenes	7,520
MTBE	325
TPH-DRO	4,080
TPH-GRO	94,700

VW-2	
3/7/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	167
TPH-GRO	297

MP-1	
3/7/2014	
Benzene	3,030
Toluene	2,100
Ethylbenzene	1,070
Total Xylenes	3,300
MTBE	72.1
TPH-DRO	2,770
TPH-GRO	25,800

MW-6	
3/7/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	<96.2
TPH-GRO	<100

DPE-1	
3/7/2014	
Benzene	1,270
Toluene	1,310
Ethylbenzene	1,910
Total Xylenes	6,060
MTBE	25.1
TPH-DRO	4,340
TPH-GRO	36,100

MW-5	
3/7/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	108
TPH-GRO	<100

MP-2	
3/7/2014	
Benzene	87.2
Toluene	188
Ethylbenzene	377
Total Xylenes	1,090
MTBE	2.10
TPH-DRO	3,610
TPH-GRO	9,770

VW-3	
3/7/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	327
TPH-GRO	<100

MW-54S	
3/7/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	5.39
MTBE	<1
TPH-DRO	468
TPH-GRO	129

MW-50	
3/7/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	280
TPH-GRO	<100

MW-11	
3/7/2014	
Benzene	7.88
Toluene	<1
Ethylbenzene	1.51
Total Xylenes	<3
MTBE	<1
TPH-DRO	535
TPH-GRO	2,510

MW-55S	
3/7/2014	
Benzene	410
Toluene	29.4
Ethylbenzene	193
Total Xylenes	93.9
MTBE	8.81
TPH-DRO	4,340
TPH-GRO	6,100

MW-37	
3/7/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	<89.3
TPH-GRO	<100

MDE Groundwater Clean-Up Standards	
Benzene	5
Toluene	1,000
Ethylbenzene	700
Total Xylenes	10,000
MTBE	20
TPH-GRO	47
TPH-DRO	47

INACTIVE

TEST WELL

LEGEND:

- MONITORING WELL
- RECOVERY WELL
- MUNICIPAL SUPPLY WELL
- UTILITY MANHOLE
- UTILITY POLE
- CATCH BASIN
- PROPERTY LINE
- 452 — GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MEAN SEA LEVEL)
- (456.26) — GROUND WATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- NM — NOT MEASURED
- NSVD — NOT SURVEYED TO VERTICAL DATUM

NOTES:

[254] – MDE Groundwater Clean-Up Standard

MDE – Maryland Department of the Environment

Boldface – results exceed MDE groundwater clean-up standards

MTBE – methyl tertiary butyl ether

TPH-GRO – total petroleum hydrocarbons – gasoline range organics

TPH-DRO – total petroleum hydrocarbons – diesle range organics

All results listed in µg/L

0 50 100

SCALE: FEET

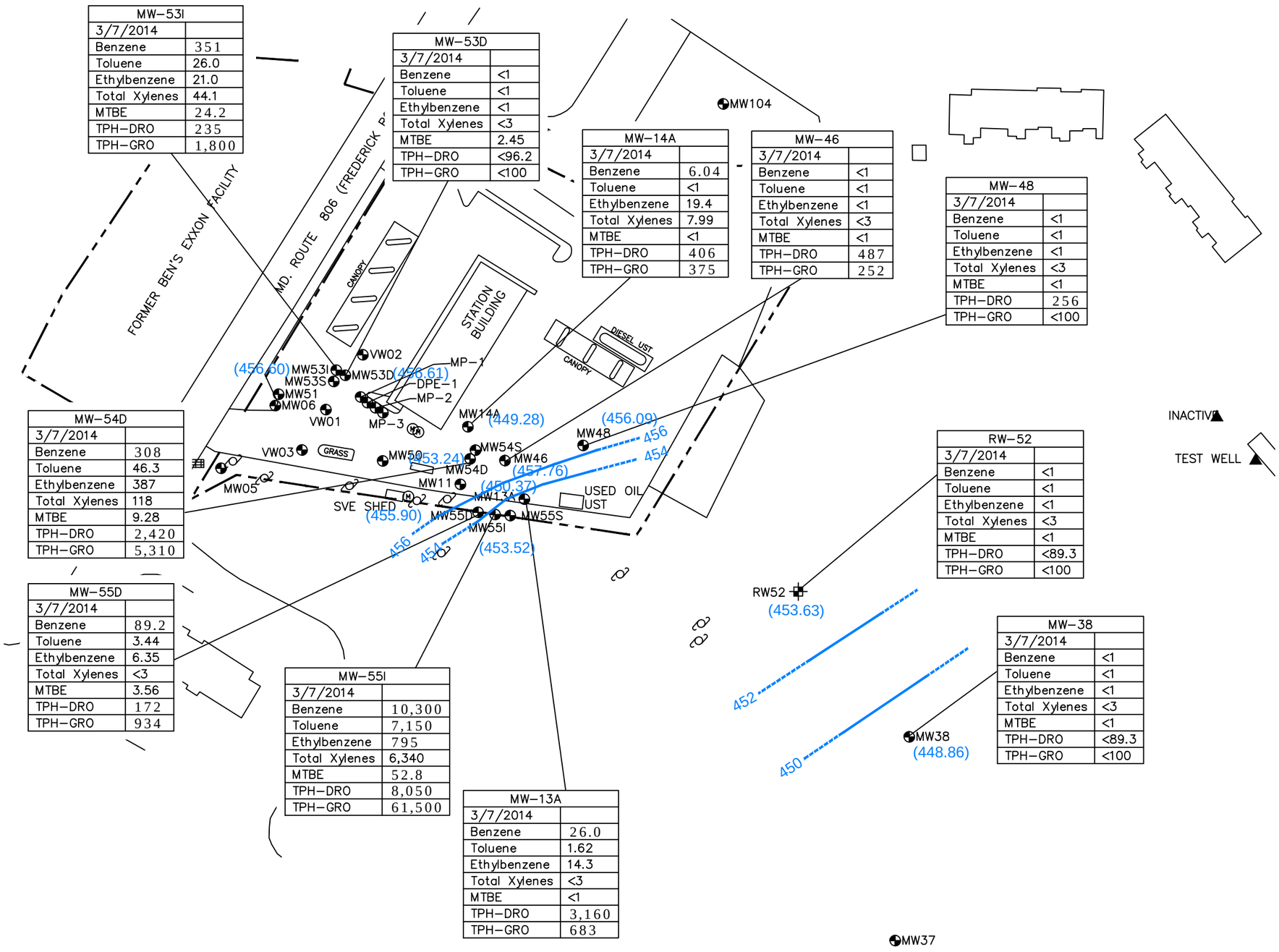
FORMER EXXON FACILITY # 25553
143 FREDERICK RD
THURMONT, MD.

SHALLOW GROUNDWATER ELEVATION CONTOUR MAP AND ANALYTICAL RESULTS 7 MARCH 2014

ARCADIS

FIGURE 3

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF* G:\ENVCAD\Raleigh\ACT\B0085851\0014\00003\DWG\85851_0014_00003_W01-1Q2014.dwg LAYOUT: 3 SAVED: 6/5/2014 2:36 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 6/5/2014 2:38 PM BY: ELLIS, LEKOREY



MW-53I	
3/7/2014	
Benzene	351
Toluene	26.0
Ethylbenzene	21.0
Total Xylenes	44.1
MTBE	24.2
TPH-DRO	235
TPH-GRO	1,800

MW-53D	
3/7/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	2.45
TPH-DRO	<96.2
TPH-GRO	<100

MW-14A	
3/7/2014	
Benzene	6.04
Toluene	<1
Ethylbenzene	19.4
Total Xylenes	7.99
MTBE	<1
TPH-DRO	406
TPH-GRO	375

MW-46	
3/7/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	487
TPH-GRO	252

MW-48	
3/7/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	256
TPH-GRO	<100

MW-54D	
3/7/2014	
Benzene	308
Toluene	46.3
Ethylbenzene	387
Total Xylenes	118
MTBE	9.28
TPH-DRO	2,420
TPH-GRO	5,310

RW-52	
3/7/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	<89.3
TPH-GRO	<100

MW-55D	
3/7/2014	
Benzene	89.2
Toluene	3.44
Ethylbenzene	6.35
Total Xylenes	<3
MTBE	3.56
TPH-DRO	172
TPH-GRO	934

MW-55I	
3/7/2014	
Benzene	10,300
Toluene	7,150
Ethylbenzene	795
Total Xylenes	6,340
MTBE	52.8
TPH-DRO	8,050
TPH-GRO	61,500

MW-13A	
3/7/2014	
Benzene	26.0
Toluene	1.62
Ethylbenzene	14.3
Total Xylenes	<3
MTBE	<1
TPH-DRO	3,160
TPH-GRO	683

MW-38	
3/7/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	<89.3
TPH-GRO	<100

LEGEND:

- MONITORING WELL
- RECOVERY WELL
- MUNICIPAL SUPPLY WELL
- UTILITY MANHOLE
- UTILITY POLE
- CATCH BASIN
- PROPERTY LINE
- 452 — GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MEAN SEA LEVEL)
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NOTES:

[254] – MDE Groundwater Clean-Up Standard

MDE – Maryland Department of the Environment

Boldface – results exceed MDE groundwater clean-up standards

MTBE – methyl tertiary butyl ether

TPH-GRO – total petroleum hydrocarbons – gasoline range organics

TPH-DRO – total petroleum hydrocarbons – diesle range organics

All results listed in µg/L

0 50 100
SCALE: FEET

FORMER EXXON FACILITY # 25553
143 FREDERICK RD
THURMONT, MD.

DEEP GROUNDWATER ELEVATION CONTOUR MAP AND ANALYTICAL RESULTS 7 MARCH 2014

ARCADIS

FIGURE
4

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\ENVCAD\Raleigh\ACT\B0085851\0014\00003\DWG\85851_0014_00003_W01-1Q2014.dwg LAYOUT: 4 SAVED: 6/5/2014 2:36 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 6/5/2014 2:38 PM BY: ELLIS, LEKOREY

Appendix A

TestAmerica Laboratory Analytical Report (24 March 2014)

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: 490-48049-1
Client Project/Site: XOM #25553 / Thurmont, MD

For:
ARCADIS U.S. Inc
1100 Welborne Drive
Suite 100
Richmond, Virginia 23229

Attn: Sterling Turner

Jennifer Huckaba

Authorized for release by:
3/24/2014 6:33:27 PM

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: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-48049-1	MW05(030714)	Water	03/07/14 12:50	03/08/14 08:30
490-48049-2	MW06(030714)	Water	03/07/14 13:35	03/08/14 08:30
490-48049-3	MW11(030714)	Water	03/07/14 12:15	03/08/14 08:30
490-48049-4	MW13A(030714)	Water	03/07/14 10:35	03/08/14 08:30
490-48049-5	MW14A(030714)	Water	03/07/14 11:50	03/08/14 08:30
490-48049-6	MW37(030714)	Water	03/07/14 09:20	03/08/14 08:30
490-48049-7	MW38(030714)	Water	03/07/14 09:30	03/08/14 08:30
490-48049-8	MW46(030714)	Water	03/07/14 11:40	03/08/14 08:30
490-48049-9	MW48(030714)	Water	03/07/14 10:15	03/08/14 08:30
490-48049-10	MW50(030714)	Water	03/07/14 12:30	03/08/14 08:30
490-48049-11	MW51(030714)	Water	03/07/14 13:45	03/08/14 08:30
490-48049-12	MW53D(030714)	Water	03/07/14 14:15	03/08/14 08:30
490-48049-13	MW53I(030714)	Water	03/07/14 14:05	03/08/14 08:30
490-48049-14	MW53S(030714)	Water	03/07/14 13:55	03/08/14 08:30
490-48049-15	MW54D(030714)	Water	03/07/14 11:20	03/08/14 08:30
490-48049-16	MW54S(030714)	Water	03/07/14 11:30	03/08/14 08:30
490-48049-17	MW55D(030714)	Water	03/07/14 11:00	03/08/14 08:30
490-48049-18	MW55I(030714)	Water	03/07/14 10:55	03/08/14 08:30
490-48049-19	MW55S(030714)	Water	03/07/14 10:45	03/08/14 08:30
490-48049-20	RW52(030714)	Water	03/07/14 09:40	03/08/14 08:30
490-48049-21	VW01(030714)	Water	03/07/14 16:10	03/08/14 08:30
490-48049-22	VW02(030714)	Water	03/07/14 14:25	03/08/14 08:30
490-48049-23	VW03(030714)	Water	03/07/14 12:40	03/08/14 08:30
490-48049-24	MP1(030714)	Water	03/07/14 14:45	03/08/14 08:30
490-48049-25	MP2(030714)	Water	03/07/14 15:15	03/08/14 08:30
490-48049-26	DPE1(030714)	Water	03/07/14 14:55	03/08/14 08:30
490-48049-27	DUP01(030714)	Water	03/07/14 12:00	03/08/14 08:30
490-48049-28	DUP02(030714)	Water	03/07/14 13:00	03/08/14 08:30
490-48049-29	RB01(030714)	Water	03/07/14 16:15	03/08/14 08:30

Job ID: 490-48049-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-48049-1

Comments
No additional comments.

Receipt
The samples were received on 3/8/2014 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.7º C, 2.7º C and 3.5º C.

Except:

One container for the following samples was received broken: MW51(030714) (490-48049-11) (1 container for DRO), MW54S(030714) (490-48049-16) (1 VOA for 8260). There was sufficient sample volume remaining for each of these samples.

The following sample was listed on the Chain of Custody (COC); however, no sample was received: TB01(030714) (490-48049-30).

GC/MS VOA
Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 147831.

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

GC VOA
Method(s) 8015C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batches 147180, 147626 and 147763. Laboratory control sample was performed in duplicate to provide precision data.

Method(s) 8015C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 147133.

Method(s) 8015C: Surrogate recovery for the following sample was outside control limits: DUP01(030714) (490-48049-27). Evidence of matrix interference is present; therefore, re-analysis was not performed.

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

GC Semi VOA
Method(s) 8015C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batches 147408 and 147482.

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

Organic Prep
No other analytical or quality issues were noted.

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

Definitions/Glossary

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits

GC VOA

Qualifier	Qualifier Description
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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW05(030714)

Lab Sample ID: 490-48049-1

Date Collected: 03/07/14 12:50
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/13/14 20:50	1
Diisopropyl ether	ND		2.00		ug/L			03/13/14 20:50	1
Ethylbenzene	ND		1.00		ug/L			03/13/14 20:50	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/13/14 20:50	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/13/14 20:50	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/13/14 20:50	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/13/14 20:50	1
Toluene	ND		1.00		ug/L			03/13/14 20:50	1
Xylenes, Total	ND		3.00		ug/L			03/13/14 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*03/13/14 20:50*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/13/14 20:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*03/13/14 20:50*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/13/14 20:50*	*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			03/14/14 05:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*98*		*50 - 150*		*03/14/14 05:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**108**		89.3		ug/L		03/13/14 08:45	03/13/14 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*94*		*50 - 150*	*03/13/14 08:45*	*03/13/14 17:26*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW06(030714)

Lab Sample ID: 490-48049-2

Date Collected: 03/07/14 13:35
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/13/14 21:16	1
Diisopropyl ether	ND		2.00		ug/L			03/13/14 21:16	1
Ethylbenzene	ND		1.00		ug/L			03/13/14 21:16	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/13/14 21:16	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/13/14 21:16	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/13/14 21:16	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/13/14 21:16	1
Toluene	ND		1.00		ug/L			03/13/14 21:16	1
Xylenes, Total	ND		3.00		ug/L			03/13/14 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*03/13/14 21:16*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/13/14 21:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*03/13/14 21:16*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/13/14 21:16*	*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			03/12/14 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*50 - 150*		*03/12/14 16:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		96.2		ug/L		03/13/14 08:45	03/13/14 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*78*		*50 - 150*	*03/13/14 08:45*	*03/13/14 17:41*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW11(030714)

Lab Sample ID: 490-48049-3

Date Collected: 03/07/14 12:15
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**7.88**		1.00		ug/L			03/13/14 21:41	1
Diisopropyl ether	ND		2.00		ug/L			03/13/14 21:41	1
Ethylbenzene	**1.51**		1.00		ug/L			03/13/14 21:41	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/13/14 21:41	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/13/14 21:41	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/13/14 21:41	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/13/14 21:41	1
Toluene	ND		1.00		ug/L			03/13/14 21:41	1
Xylenes, Total	ND		3.00		ug/L			03/13/14 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*03/13/14 21:41*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/13/14 21:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*03/13/14 21:41*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*03/13/14 21:41*	*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]	**2510**		100		ug/L			03/13/14 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*136*		*50 - 150*		*03/13/14 00:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**535**		89.3		ug/L		03/13/14 08:45	03/14/14 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*98*		*50 - 150*	*03/13/14 08:45*	*03/14/14 16:06*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW13A(030714)

Lab Sample ID: 490-48049-4

Date Collected: 03/07/14 10:35
Date Received: 03/08/14 08:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**26.0**		1.00		ug/L			03/13/14 22:07	1
Diisopropyl ether	ND		2.00		ug/L			03/13/14 22:07	1
Ethylbenzene	**14.3**		1.00		ug/L			03/13/14 22:07	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/13/14 22:07	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/13/14 22:07	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/13/14 22:07	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/13/14 22:07	1
Toluene	**1.62**		1.00		ug/L			03/13/14 22:07	1
Xylenes, Total	ND		3.00		ug/L			03/13/14 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*03/13/14 22:07*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/13/14 22:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*03/13/14 22:07*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/13/14 22:07*	*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]	**683**		100		ug/L			03/13/14 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*103*		*50 - 150*		*03/13/14 01:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**3160**		481		ug/L		03/13/14 08:45	03/14/14 16:22	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*79*		*50 - 150*	*03/13/14 08:45*	*03/14/14 16:22*	*5*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW14A(030714)

Lab Sample ID: 490-48049-5

Date Collected: 03/07/14 11:50
Date Received: 03/08/14 08:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**6.04**		1.00		ug/L			03/13/14 22:33	1
Diisopropyl ether	ND		2.00		ug/L			03/13/14 22:33	1
Ethylbenzene	**19.4**		1.00		ug/L			03/13/14 22:33	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/13/14 22:33	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/13/14 22:33	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/13/14 22:33	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/13/14 22:33	1
Toluene	ND		1.00		ug/L			03/13/14 22:33	1
Xylenes, Total	**7.99**		3.00		ug/L			03/13/14 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*03/13/14 22:33*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/13/14 22:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*03/13/14 22:33*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/13/14 22:33*	*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]	**375**		100		ug/L			03/12/14 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*107*		*50 - 150*		*03/12/14 16:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**406**		89.3		ug/L		03/13/14 08:45	03/13/14 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*99*		*50 - 150*	*03/13/14 08:45*	*03/13/14 18:27*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW37(030714)

Lab Sample ID: 490-48049-6

Date Collected: 03/07/14 09:20
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/13/14 22:59	1
Diisopropyl ether	ND		2.00		ug/L			03/13/14 22:59	1
Ethylbenzene	ND		1.00		ug/L			03/13/14 22:59	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/13/14 22:59	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/13/14 22:59	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/13/14 22:59	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/13/14 22:59	1
Toluene	ND		1.00		ug/L			03/13/14 22:59	1
Xylenes, Total	ND		3.00		ug/L			03/13/14 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*03/13/14 22:59*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/13/14 22:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*03/13/14 22:59*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/13/14 22:59*	*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			03/12/14 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*		*03/12/14 17:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		89.3		ug/L		03/13/14 08:45	03/13/14 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*105*		*50 - 150*	*03/13/14 08:45*	*03/13/14 18:42*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW38(030714)

Lab Sample ID: 490-48049-7

Date Collected: 03/07/14 09:30
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/13/14 23:25	1
Diisopropyl ether	ND		2.00		ug/L			03/13/14 23:25	1
Ethylbenzene	ND		1.00		ug/L			03/13/14 23:25	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/13/14 23:25	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/13/14 23:25	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/13/14 23:25	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/13/14 23:25	1
Toluene	ND		1.00		ug/L			03/13/14 23:25	1
Xylenes, Total	ND		3.00		ug/L			03/13/14 23:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*03/13/14 23:25*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*03/13/14 23:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*03/13/14 23:25*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/13/14 23:25*	*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			03/12/14 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*50 - 150*		*03/12/14 17:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		89.3		ug/L		03/13/14 08:45	03/13/14 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*98*		*50 - 150*	*03/13/14 08:45*	*03/13/14 18:58*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW46(030714)

Lab Sample ID: 490-48049-8

Date Collected: 03/07/14 11:40
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/13/14 23:50	1
Diisopropyl ether	ND		2.00		ug/L			03/13/14 23:50	1
Ethylbenzene	ND		1.00		ug/L			03/13/14 23:50	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/13/14 23:50	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/13/14 23:50	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/13/14 23:50	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/13/14 23:50	1
Toluene	ND		1.00		ug/L			03/13/14 23:50	1
Xylenes, Total	ND		3.00		ug/L			03/13/14 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*03/13/14 23:50*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/13/14 23:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*03/13/14 23:50*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/13/14 23:50*	*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]	**252**		100		ug/L			03/12/14 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*		*03/12/14 18:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**487**		89.3		ug/L		03/13/14 08:45	03/13/14 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*98*		*50 - 150*	*03/13/14 08:45*	*03/13/14 19:13*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW48(030714)

Lab Sample ID: 490-48049-9

Date Collected: 03/07/14 10:15
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/14/14 00:16	1
Diisopropyl ether	ND		2.00		ug/L			03/14/14 00:16	1
Ethylbenzene	ND		1.00		ug/L			03/14/14 00:16	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 00:16	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/14/14 00:16	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/14/14 00:16	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/14/14 00:16	1
Toluene	ND		1.00		ug/L			03/14/14 00:16	1
Xylenes, Total	ND		3.00		ug/L			03/14/14 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*03/14/14 00:16*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*03/14/14 00:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*03/14/14 00:16*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/14/14 00:16*	*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			03/12/14 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*		*03/12/14 18:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**256**		89.3		ug/L		03/13/14 08:45	03/14/14 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*63*		*50 - 150*	*03/13/14 08:45*	*03/14/14 16:37*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW50(030714)

Lab Sample ID: 490-48049-10

Date Collected: 03/07/14 12:30
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/14/14 00:42	1
Diisopropyl ether	ND		2.00		ug/L			03/14/14 00:42	1
Ethylbenzene	ND		1.00		ug/L			03/14/14 00:42	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 00:42	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/14/14 00:42	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/14/14 00:42	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/14/14 00:42	1
Toluene	ND		1.00		ug/L			03/14/14 00:42	1
Xylenes, Total	ND		3.00		ug/L			03/14/14 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*03/14/14 00:42*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/14/14 00:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*03/14/14 00:42*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/14/14 00:42*	*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			03/12/14 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*50 - 150*		*03/12/14 19:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**280**		89.3		ug/L		03/13/14 08:45	03/14/14 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*94*		*50 - 150*	*03/13/14 08:45*	*03/14/14 16:52*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW51(030714)

Lab Sample ID: 490-48049-11

Date Collected: 03/07/14 13:45
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**7.21**		1.00		ug/L			03/14/14 04:26	1
Diisopropyl ether	ND		2.00		ug/L			03/14/14 04:26	1
Ethylbenzene	**17.1**		1.00		ug/L			03/14/14 04:26	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 04:26	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/14/14 04:26	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/14/14 04:26	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/14/14 04:26	1
Toluene	ND		1.00		ug/L			03/14/14 04:26	1
Xylenes, Total	**5.23**		3.00		ug/L			03/14/14 04:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*		*03/14/14 04:26*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*03/14/14 04:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*03/14/14 04:26*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/14/14 04:26*	*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]	**417**		100		ug/L			03/12/14 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*		*03/12/14 21:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**133**		89.3		ug/L		03/13/14 08:45	03/13/14 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*91*		*50 - 150*	*03/13/14 08:45*	*03/13/14 19:59*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW53D(030714)

Lab Sample ID: 490-48049-12

Date Collected: 03/07/14 14:15

Matrix: Water

Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/14/14 04:52	1
Diisopropyl ether	ND		2.00		ug/L			03/14/14 04:52	1
Ethylbenzene	ND		1.00		ug/L			03/14/14 04:52	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 04:52	1
Methyl tert-butyl ether	**2.45**		1.00		ug/L			03/14/14 04:52	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/14/14 04:52	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/14/14 04:52	1
Toluene	ND		1.00		ug/L			03/14/14 04:52	1
Xylenes, Total	ND		3.00		ug/L			03/14/14 04:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*		*03/14/14 04:52*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*03/14/14 04:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*03/14/14 04:52*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/14/14 04:52*	*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			03/12/14 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*		*03/12/14 22:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		96.2		ug/L		03/13/14 08:45	03/13/14 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*79*		*50 - 150*	*03/13/14 08:45*	*03/13/14 20:14*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW53I(030714)

Lab Sample ID: 490-48049-13

Date Collected: 03/07/14 14:05
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**351**		5.00		ug/L			03/15/14 09:41	5
Diisopropyl ether	**2.31**		2.00		ug/L			03/14/14 05:18	1
Ethylbenzene	**21.0**		1.00		ug/L			03/14/14 05:18	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 05:18	1
Methyl tert-butyl ether	**24.2**		1.00		ug/L			03/14/14 05:18	1
Tert-amyl methyl ether	**1.50**		1.00		ug/L			03/14/14 05:18	1
tert-Butyl alcohol (TBA)	**97.0**		10.0		ug/L			03/14/14 05:18	1
Toluene	**26.0**		1.00		ug/L			03/14/14 05:18	1
Xylenes, Total	**44.1**		3.00		ug/L			03/14/14 05:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*		*03/14/14 05:18*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*03/15/14 09:41*	*5*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*03/14/14 05:18*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/15/14 09:41*	*5*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*03/14/14 05:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*03/15/14 09:41*	*5*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/14/14 05:18*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/15/14 09:41*	*5*

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]	**1800**		100		ug/L			03/12/14 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*109*		*50 - 150*		*03/12/14 22:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**235**		89.3		ug/L		03/13/14 08:45	03/13/14 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*92*		*50 - 150*	*03/13/14 08:45*	*03/13/14 20:29*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW53S(030714)

Lab Sample ID: 490-48049-14

Date Collected: 03/07/14 13:55
Date Received: 03/08/14 08:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	13900		100		ug/L			03/15/14 10:07	100
Diisopropyl ether	18.0		2.00		ug/L			03/14/14 05:44	1
Ethylbenzene	1550		100		ug/L			03/15/14 10:07	100
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 05:44	1
Methyl tert-butyl ether	325		100		ug/L			03/15/14 10:07	100
Tert-amyl methyl ether	16.7		1.00		ug/L			03/14/14 05:44	1
tert-Butyl alcohol (TBA)	1820		10.0		ug/L			03/14/14 05:44	1
Toluene	19700		100		ug/L			03/15/14 10:07	100
Xylenes, Total	7520		300		ug/L			03/15/14 10:07	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*		*03/14/14 05:44*	*1*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*03/15/14 10:07*	*100*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/14/14 05:44*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*03/15/14 10:07*	*100*
1,2-Dichloroethane-d4 (Surr)	*79*		*70 - 130*		*03/14/14 05:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*03/15/14 10:07*	*100*
Toluene-d8 (Surr)	*93*		*70 - 130*		*03/14/14 05:44*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*03/15/14 10:07*	*100*

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]	94700		10000		ug/L			03/14/14 07:44	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*100*		*50 - 150*		*03/14/14 07:44*	*100*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	4080		446		ug/L		03/13/14 08:45	03/14/14 17:08	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*93*		*50 - 150*	*03/13/14 08:45*	*03/14/14 17:08*	*5*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW54D(030714)

Lab Sample ID: 490-48049-15

Date Collected: 03/07/14 11:20
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**308**		5.00		ug/L			03/15/14 08:23	5
Diisopropyl ether	**3.24**		2.00		ug/L			03/15/14 07:57	1
Ethylbenzene	**387**		5.00		ug/L			03/15/14 08:23	5
Ethyl tert-butyl ether	ND		1.00		ug/L			03/15/14 07:57	1
Methyl tert-butyl ether	**9.28**		1.00		ug/L			03/15/14 07:57	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/15/14 07:57	1
tert-Butyl alcohol (TBA)	**28.8**		10.0		ug/L			03/15/14 07:57	1
Toluene	**46.3**		1.00		ug/L			03/15/14 07:57	1
Xylenes, Total	**118**		3.00		ug/L			03/15/14 07:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*03/15/14 07:57*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*03/15/14 08:23*	*5*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/15/14 07:57*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/15/14 08:23*	*5*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*03/15/14 07:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*03/15/14 08:23*	*5*
Toluene-d8 (Surr)	*94*		*70 - 130*		*03/15/14 07:57*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*03/15/14 08:23*	*5*

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]	**5310**		1000		ug/L			03/14/14 08:18	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*127*		*50 - 150*		*03/14/14 08:18*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2420**		89.3		ug/L		03/13/14 08:45	03/13/14 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*106*		*50 - 150*	*03/13/14 08:45*	*03/13/14 21:30*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW54S(030714)

Lab Sample ID: 490-48049-16

Date Collected: 03/07/14 11:30
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/15/14 06:40	1
Diisopropyl ether	ND		2.00		ug/L			03/15/14 06:40	1
Ethylbenzene	ND		1.00		ug/L			03/15/14 06:40	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/15/14 06:40	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/15/14 06:40	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/15/14 06:40	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/15/14 06:40	1
Toluene	ND		1.00		ug/L			03/15/14 06:40	1
Xylenes, Total	**5.39**		3.00		ug/L			03/15/14 06:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*03/15/14 06:40*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*03/15/14 06:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*03/15/14 06:40*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/15/14 06:40*	*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]	**129**		100		ug/L			03/14/14 06:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*110*		*50 - 150*		*03/14/14 06:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**468**		89.3		ug/L		03/13/14 08:45	03/13/14 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*98*		*50 - 150*	*03/13/14 08:45*	*03/13/14 21:46*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW55D(030714)

Lab Sample ID: 490-48049-17

Date Collected: 03/07/14 11:00
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**89.2**		1.00		ug/L			03/15/14 07:05	1
Diisopropyl ether	**11.0**		2.00		ug/L			03/15/14 07:05	1
Ethylbenzene	**6.35**		1.00		ug/L			03/15/14 07:05	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/15/14 07:05	1
Methyl tert-butyl ether	**3.56**		1.00		ug/L			03/15/14 07:05	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/15/14 07:05	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/15/14 07:05	1
Toluene	**3.44**		1.00		ug/L			03/15/14 07:05	1
Xylenes, Total	ND		3.00		ug/L			03/15/14 07:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*03/15/14 07:05*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*03/15/14 07:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*03/15/14 07:05*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*03/15/14 07:05*	*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]	**934**		100		ug/L			03/13/14 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*111*		*50 - 150*		*03/13/14 00:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**172**		89.3		ug/L		03/13/14 08:45	03/13/14 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*94*		*50 - 150*	*03/13/14 08:45*	*03/13/14 22:01*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW55I(030714)

Lab Sample ID: 490-48049-18

Date Collected: 03/07/14 10:55
Date Received: 03/08/14 08:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**10300**		100		ug/L			03/15/14 10:59	100
Diisopropyl ether	**262**		200		ug/L			03/15/14 10:59	100
Ethylbenzene	**795**		100		ug/L			03/15/14 10:59	100
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 07:27	1
Methyl tert-butyl ether	**52.8**		1.00		ug/L			03/14/14 07:27	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/14/14 07:27	1
tert-Butyl alcohol (TBA)	**317**		10.0		ug/L			03/14/14 07:27	1
Toluene	**7150**		100		ug/L			03/15/14 10:59	100
Xylenes, Total	**6340**		300		ug/L			03/15/14 10:59	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*		*03/14/14 07:27*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*03/15/14 10:59*	*100*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/14/14 07:27*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*03/15/14 10:59*	*100*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*03/14/14 07:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*03/15/14 10:59*	*100*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/14/14 07:27*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/15/14 10:59*	*100*

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]	**61500**		10000		ug/L			03/14/14 08:53	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*104*		*50 - 150*		*03/14/14 08:53*	*100*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**8050**		446		ug/L		03/13/14 08:45	03/14/14 17:23	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*104*		*50 - 150*	*03/13/14 08:45*	*03/14/14 17:23*	*5*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW55S(030714)

Lab Sample ID: 490-48049-19

Date Collected: 03/07/14 10:45
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**410**		5.00		ug/L			03/15/14 09:15	5
Diisopropyl ether	**4.63**		2.00		ug/L			03/15/14 08:49	1
Ethylbenzene	**193**		1.00		ug/L			03/15/14 08:49	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/15/14 08:49	1
Methyl tert-butyl ether	**8.81**		1.00		ug/L			03/15/14 08:49	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/15/14 08:49	1
tert-Butyl alcohol (TBA)	**74.0**		10.0		ug/L			03/15/14 08:49	1
Toluene	**29.4**		1.00		ug/L			03/15/14 08:49	1
Xylenes, Total	**93.9**		3.00		ug/L			03/15/14 08:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*03/15/14 08:49*	*1*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*03/15/14 09:15*	*5*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/15/14 08:49*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/15/14 09:15*	*5*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*03/15/14 08:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*03/15/14 09:15*	*5*
Toluene-d8 (Surr)	*97*		*70 - 130*		*03/15/14 08:49*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/15/14 09:15*	*5*

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]	**6100**		2000		ug/L			03/14/14 15:59	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*126*		*50 - 150*		*03/14/14 15:59*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**4340**		446		ug/L		03/13/14 08:45	03/14/14 17:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*98*		*50 - 150*	*03/13/14 08:45*	*03/14/14 17:39*	*5*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: RW52(030714)

Lab Sample ID: 490-48049-20

Date Collected: 03/07/14 09:40

Matrix: Water

Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/15/14 07:31	1
Diisopropyl ether	ND		2.00		ug/L			03/15/14 07:31	1
Ethylbenzene	ND		1.00		ug/L			03/15/14 07:31	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/15/14 07:31	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/15/14 07:31	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/15/14 07:31	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/15/14 07:31	1
Toluene	ND		1.00		ug/L			03/15/14 07:31	1
Xylenes, Total	ND		3.00		ug/L			03/15/14 07:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*03/15/14 07:31*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*03/15/14 07:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*03/15/14 07:31*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*03/15/14 07:31*	*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			03/12/14 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*		*03/12/14 13:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		89.3		ug/L		03/13/14 08:45	03/13/14 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*101*		*50 - 150*	*03/13/14 08:45*	*03/13/14 22:47*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: VW01(030714)

Lab Sample ID: 490-48049-21

Date Collected: 03/07/14 16:10
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**68.2**		1.00		ug/L			03/14/14 08:45	1
Diisopropyl ether	ND		2.00		ug/L			03/14/14 08:45	1
Ethylbenzene	**80.7**		1.00		ug/L			03/14/14 08:45	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 08:45	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/14/14 08:45	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/14/14 08:45	1
tert-Butyl alcohol (TBA)	**12.2**		10.0		ug/L			03/14/14 08:45	1
Toluene	**9.22**		1.00		ug/L			03/14/14 08:45	1
Xylenes, Total	**21.4**		3.00		ug/L			03/14/14 08:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*03/14/14 08:45*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*03/14/14 08:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*03/14/14 08:45*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*03/14/14 08:45*	*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]	**1270**		100		ug/L			03/12/14 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*139*		*50 - 150*		*03/12/14 14:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**685**		86.2		ug/L		03/13/14 10:49	03/14/14 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*100*		*50 - 150*	*03/13/14 10:49*	*03/14/14 18:41*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: VW02(030714)

Lab Sample ID: 490-48049-22

Date Collected: 03/07/14 14:25
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/14/14 09:11	1
Diisopropyl ether	ND		2.00		ug/L			03/14/14 09:11	1
Ethylbenzene	ND		1.00		ug/L			03/14/14 09:11	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 09:11	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/14/14 09:11	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/14/14 09:11	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/14/14 09:11	1
Toluene	ND		1.00		ug/L			03/14/14 09:11	1
Xylenes, Total	ND		3.00		ug/L			03/14/14 09:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*03/14/14 09:11*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*03/14/14 09:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*03/14/14 09:11*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/14/14 09:11*	*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]	**297**		100		ug/L			03/12/14 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*104*		*50 - 150*		*03/12/14 14:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**167**		90.9		ug/L		03/13/14 10:49	03/14/14 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*102*		*50 - 150*	*03/13/14 10:49*	*03/14/14 18:56*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: VW03(030714)

Lab Sample ID: 490-48049-23

Date Collected: 03/07/14 12:40
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/14/14 09:37	1
Diisopropyl ether	ND		2.00		ug/L			03/14/14 09:37	1
Ethylbenzene	ND		1.00		ug/L			03/14/14 09:37	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 09:37	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/14/14 09:37	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/14/14 09:37	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/14/14 09:37	1
Toluene	ND		1.00		ug/L			03/14/14 09:37	1
Xylenes, Total	ND		3.00		ug/L			03/14/14 09:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*		*03/14/14 09:37*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/14/14 09:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*03/14/14 09:37*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/14/14 09:37*	*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			03/12/14 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*		*03/12/14 15:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**327**		86.2		ug/L		03/13/14 10:49	03/14/14 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*89*		*50 - 150*	*03/13/14 10:49*	*03/14/14 19:11*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MP1(030714)

Lab Sample ID: 490-48049-24

Date Collected: 03/07/14 14:45
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3030		50.0		ug/L			03/15/14 11:25	50
Diisopropyl ether	7.61		2.00		ug/L			03/14/14 10:03	1
Ethylbenzene	1070		50.0		ug/L			03/15/14 11:25	50
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 10:03	1
Methyl tert-butyl ether	72.1		1.00		ug/L			03/14/14 10:03	1
Tert-amyl methyl ether	12.3		1.00		ug/L			03/14/14 10:03	1
tert-Butyl alcohol (TBA)	172		10.0		ug/L			03/14/14 10:03	1
Toluene	2100		50.0		ug/L			03/15/14 11:25	50
Xylenes, Total	3300		150		ug/L			03/15/14 11:25	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*03/14/14 10:03*	*1*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*		*03/15/14 11:25*	*50*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*03/14/14 10:03*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/15/14 11:25*	*50*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*03/14/14 10:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*03/15/14 11:25*	*50*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/14/14 10:03*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*03/15/14 11:25*	*50*

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]	25800		5000		ug/L			03/14/14 16:34	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*105*		*50 - 150*		*03/14/14 16:34*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	2770		446		ug/L		03/13/14 10:49	03/17/14 22:27	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*61*		*50 - 150*	*03/13/14 10:49*	*03/17/14 22:27*	*5*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MP2(030714)

Lab Sample ID: 490-48049-25

Date Collected: 03/07/14 15:15
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**87.2**		10.0		ug/L			03/15/14 11:50	10
Diisopropyl ether	ND		2.00		ug/L			03/14/14 10:29	1
Ethylbenzene	**377**		10.0		ug/L			03/15/14 11:50	10
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 10:29	1
Methyl tert-butyl ether	**2.10**		1.00		ug/L			03/14/14 10:29	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/14/14 10:29	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/14/14 10:29	1
Toluene	**188**		10.0		ug/L			03/15/14 11:50	10
Xylenes, Total	**1090**		30.0		ug/L			03/15/14 11:50	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*03/14/14 10:29*	*1*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*03/15/14 11:50*	*10*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/14/14 10:29*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/15/14 11:50*	*10*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*03/14/14 10:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*03/15/14 11:50*	*10*
Toluene-d8 (Surr)	*95*		*70 - 130*		*03/14/14 10:29*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/15/14 11:50*	*10*

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]	**9770**		2000		ug/L			03/14/14 17:08	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*108*		*50 - 150*		*03/14/14 17:08*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**3610**		431		ug/L		03/13/14 10:49	03/17/14 22:43	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*74*		*50 - 150*	*03/13/14 10:49*	*03/17/14 22:43*	*5*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: DPE1(030714)

Lab Sample ID: 490-48049-26

Date Collected: 03/07/14 14:55
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1270**		100		ug/L			03/15/14 12:16	100
Diisopropyl ether	**5.29**		2.00		ug/L			03/14/14 10:54	1
Ethylbenzene	**1910**		100		ug/L			03/15/14 12:16	100
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 10:54	1
Methyl tert-butyl ether	**25.1**		1.00		ug/L			03/14/14 10:54	1
Tert-amyl methyl ether	**6.95**		1.00		ug/L			03/14/14 10:54	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/14/14 10:54	1
Toluene	**1310**		100		ug/L			03/15/14 12:16	100
Xylenes, Total	**6060**		300		ug/L			03/15/14 12:16	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*		*03/14/14 10:54*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*03/15/14 12:16*	*100*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/14/14 10:54*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/15/14 12:16*	*100*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*03/14/14 10:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*03/15/14 12:16*	*100*
Toluene-d8 (Surr)	*97*		*70 - 130*		*03/14/14 10:54*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*03/15/14 12:16*	*100*

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]	**36100**		5000		ug/L			03/14/14 17:43	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*111*		*50 - 150*		*03/14/14 17:43*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**4340**		446		ug/L		03/13/14 10:49	03/17/14 22:58	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*65*		*50 - 150*	*03/13/14 10:49*	*03/17/14 22:58*	*5*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: DUP01(030714)

Lab Sample ID: 490-48049-27

Date Collected: 03/07/14 12:00
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	13700		100		ug/L			03/15/14 12:42	100
Diisopropyl ether	18.2		2.00		ug/L			03/14/14 11:21	1
Ethylbenzene	1520		100		ug/L			03/15/14 12:42	100
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 11:21	1
Methyl tert-butyl ether	317		100		ug/L			03/15/14 12:42	100
Tert-amyl methyl ether	18.9		1.00		ug/L			03/14/14 11:21	1
tert-Butyl alcohol (TBA)	1860		10.0		ug/L			03/14/14 11:21	1
Toluene	19700		100		ug/L			03/15/14 12:42	100
Xylenes, Total	7400		300		ug/L			03/15/14 12:42	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*03/14/14 11:21*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*03/15/14 12:42*	*100*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/14/14 11:21*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/15/14 12:42*	*100*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 130*		*03/14/14 11:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*03/15/14 12:42*	*100*
Toluene-d8 (Surr)	*92*		*70 - 130*		*03/14/14 11:21*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/15/14 12:42*	*100*

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]	95200		10000		ug/L			03/14/14 19:16	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*159*	*X*	*50 - 150*		*03/14/14 19:16*	*100*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	3480		446		ug/L		03/13/14 10:49	03/17/14 23:14	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*69*		*50 - 150*	*03/13/14 10:49*	*03/17/14 23:14*	*5*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: DUP02(030714)

Lab Sample ID: 490-48049-28

Date Collected: 03/07/14 13:00
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1220**		100		ug/L			03/15/14 13:34	100
Diisopropyl ether	**5.29**		2.00		ug/L			03/14/14 11:47	1
Ethylbenzene	**1980**		100		ug/L			03/15/14 13:34	100
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 11:47	1
Methyl tert-butyl ether	**24.6**		1.00		ug/L			03/14/14 11:47	1
Tert-amyl methyl ether	**6.79**		1.00		ug/L			03/14/14 11:47	1
tert-Butyl alcohol (TBA)	**113**		10.0		ug/L			03/14/14 11:47	1
Toluene	**1300**		100		ug/L			03/15/14 13:34	100
Xylenes, Total	**6320**		300		ug/L			03/15/14 13:34	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*		*03/14/14 11:47*	*1*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*03/15/14 13:34*	*100*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*03/14/14 11:47*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*03/15/14 13:34*	*100*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*03/14/14 11:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*03/15/14 13:34*	*100*
Toluene-d8 (Surr)	*95*		*70 - 130*		*03/14/14 11:47*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/15/14 13:34*	*100*

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]	**38100**		5000		ug/L			03/14/14 19:50	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*112*		*50 - 150*		*03/14/14 19:50*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**4310**		431		ug/L		03/13/14 10:49	03/17/14 23:29	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*73*		*50 - 150*	*03/13/14 10:49*	*03/17/14 23:29*	*5*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: RB01(030714)

Lab Sample ID: 490-48049-29

Date Collected: 03/07/14 16:15
Matrix: Water
Date Received: 03/08/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/14/14 04:00	1
Diisopropyl ether	ND		2.00		ug/L			03/14/14 04:00	1
Ethylbenzene	ND		1.00		ug/L			03/14/14 04:00	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 04:00	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/14/14 04:00	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/14/14 04:00	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/14/14 04:00	1
Toluene	ND		1.00		ug/L			03/14/14 04:00	1
Xylenes, Total	ND		3.00		ug/L			03/14/14 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*03/14/14 04:00*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*03/14/14 04:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*03/14/14 04:00*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/14/14 04:00*	*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			03/12/14 13:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*		*03/12/14 13:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		83.3		ug/L		03/13/14 10:49	03/14/14 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*84*		*50 - 150*	*03/13/14 10:49*	*03/14/14 21:14*	*1*

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

Lab Sample ID: MB 490-146721/7
Matrix: Water
Analysis Batch: 146721

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/13/14 16:00	1
Diisopropyl ether	ND		2.00		ug/L			03/13/14 16:00	1
Ethylbenzene	ND		1.00		ug/L			03/13/14 16:00	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/13/14 16:00	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/13/14 16:00	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/13/14 16:00	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/13/14 16:00	1
Toluene	ND		1.00		ug/L			03/13/14 16:00	1
Xylenes, Total	ND		3.00		ug/L			03/13/14 16:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*03/13/14 16:00*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/13/14 16:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*03/13/14 16:00*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*03/13/14 16:00*	*1*

Lab Sample ID: LCS 490-146721/3
Matrix: Water
Analysis Batch: 146721

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	53.28		ug/L		107	80 - 121
Diisopropyl ether	50.0	52.88		ug/L		106	61 - 142
Ethylbenzene	50.0	54.21		ug/L		108	80 - 130
Ethyl tert-butyl ether	50.0	54.95		ug/L		110	63 - 135
Methyl tert-butyl ether	50.0	55.12		ug/L		110	72 - 133
Tert-amyl methyl ether	50.0	53.29		ug/L		107	63 - 135
tert-Butyl alcohol (TBA)	500	355.8		ug/L		71	54 - 150
Toluene	50.0	55.27		ug/L		111	80 - 126
Xylenes, Total	100	110.5		ug/L		111	80 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 490-146721/4
Matrix: Water
Analysis Batch: 146721

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	50.0	54.37		ug/L		109	80 - 121	2	17
Diisopropyl ether	50.0	53.83		ug/L		108	61 - 142	2	50
Ethylbenzene	50.0	54.19		ug/L		108	80 - 130	0	15
Ethyl tert-butyl ether	50.0	56.15		ug/L		112	63 - 135	2	19
Methyl tert-butyl ether	50.0	56.67		ug/L		113	72 - 133	3	16

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

Lab Sample ID: LCSD 490-146721/4
Matrix: Water
Analysis Batch: 146721

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
Tert-amyl methyl ether			50.0	54.66		ug/L		109	63 - 135	3	15
tert-Butyl alcohol (TBA)			500	372.1		ug/L		74	54 - 150	4	32
Toluene			50.0	55.16		ug/L		110	80 - 126	0	15
Xylenes, Total			100	110.4		ug/L		110	80 - 132	0	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 490-47982-B-1 MS
Matrix: Water
Analysis Batch: 146721

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		
Benzene	ND		50.0	52.65		ug/L		105	75 - 133		
Diisopropyl ether	ND		50.0	53.15		ug/L		106	10 - 200		
Ethylbenzene	ND		50.0	52.60		ug/L		105	79 - 139		
Ethyl tert-butyl ether	ND		50.0	54.88		ug/L		110	60 - 138		
Methyl tert-butyl ether	ND		50.0	54.57		ug/L		109	66 - 141		
Tert-amyl methyl ether	ND		50.0	53.35		ug/L		107	61 - 138		
tert-Butyl alcohol (TBA)	ND		500	301.7		ug/L		60	50 - 183		
Toluene	ND		50.0	53.29		ug/L		107	75 - 136		
Xylenes, Total	ND		100	107.0		ug/L		107	74 - 141		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 490-47982-C-1 MSD
Matrix: Water
Analysis Batch: 146721

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
Benzene	ND		50.0	53.86		ug/L		108	75 - 133	2	17
Diisopropyl ether	ND		50.0	55.02		ug/L		110	10 - 200	3	50
Ethylbenzene	ND		50.0	53.69		ug/L		107	79 - 139	2	15
Ethyl tert-butyl ether	ND		50.0	56.47		ug/L		113	60 - 138	3	19
Methyl tert-butyl ether	ND		50.0	57.63		ug/L		115	66 - 141	5	16
Tert-amyl methyl ether	ND		50.0	55.43		ug/L		111	61 - 138	4	15
tert-Butyl alcohol (TBA)	ND		500	378.0		ug/L		76	50 - 183	22	32
Toluene	ND		50.0	54.52		ug/L		109	75 - 136	2	15
Xylenes, Total	ND		100	109.5		ug/L		110	74 - 141	2	15

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

Lab Sample ID: 490-47982-C-1 MSD
Matrix: Water
Analysis Batch: 146721

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

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 490-147654/6
Matrix: Water
Analysis Batch: 147654

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/14/14 03:34	1
Diisopropyl ether	ND		2.00		ug/L			03/14/14 03:34	1
Ethylbenzene	ND		1.00		ug/L			03/14/14 03:34	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/14/14 03:34	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/14/14 03:34	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/14/14 03:34	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/14/14 03:34	1
Toluene	ND		1.00		ug/L			03/14/14 03:34	1
Xylenes, Total	ND		3.00		ug/L			03/14/14 03:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*03/14/14 03:34*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/14/14 03:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*03/14/14 03:34*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*03/14/14 03:34*	*1*

Lab Sample ID: LCS 490-147654/3
Matrix: Water
Analysis Batch: 147654

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	46.06		ug/L		92	80 - 121
Diisopropyl ether	50.0	37.77		ug/L		76	61 - 142
Ethylbenzene	50.0	44.54		ug/L		89	80 - 130
Ethyl tert-butyl ether	50.0	43.66		ug/L		87	63 - 135
Methyl tert-butyl ether	50.0	47.61		ug/L		95	72 - 133
Tert-amyl methyl ether	50.0	47.31		ug/L		95	63 - 135
tert-Butyl alcohol (TBA)	500	502.3		ug/L		100	54 - 150
Toluene	50.0	43.61		ug/L		87	80 - 126
Xylenes, Total	100	87.88		ug/L		88	80 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

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

Lab Sample ID: LCSD 490-147654/4
Matrix: Water
Analysis Batch: 147654

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			50.0	47.96		ug/L		96	80 - 121	4	17
Diisopropyl ether			50.0	38.33		ug/L		77	61 - 142	1	50
Ethylbenzene			50.0	46.22		ug/L		92	80 - 130	4	15
Ethyl tert-butyl ether			50.0	44.74		ug/L		89	63 - 135	2	19
Methyl tert-butyl ether			50.0	48.36		ug/L		97	72 - 133	2	16
Tert-amyl methyl ether			50.0	48.53		ug/L		97	63 - 135	3	15
tert-Butyl alcohol (TBA)			500	509.7		ug/L		102	54 - 150	1	32
Toluene			50.0	45.57		ug/L		91	80 - 126	4	15
Xylenes, Total			100	90.16		ug/L		90	80 - 132	3	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

Lab Sample ID: 490-48049-29 MS
Matrix: Water
Analysis Batch: 147654

Client Sample ID: RB01(030714)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	ND		50.0	54.16		ug/L		108	75 - 133		
Diisopropyl ether	ND		50.0	37.54		ug/L		75	10 - 200		
Ethylbenzene	ND		50.0	54.39		ug/L		109	79 - 139		
Ethyl tert-butyl ether	ND		50.0	44.02		ug/L		88	60 - 138		
Methyl tert-butyl ether	ND		50.0	47.53		ug/L		95	66 - 141		
Tert-amyl methyl ether	ND		50.0	47.96		ug/L		96	61 - 138		
tert-Butyl alcohol (TBA)	ND		500	509.4		ug/L		102	50 - 183		
Toluene	ND		50.0	62.82		ug/L		126	75 - 136		
Xylenes, Total	ND		100	122.8		ug/L		123	74 - 141		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: 490-48049-29 MSD
Matrix: Water
Analysis Batch: 147654

Client Sample ID: RB01(030714)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		50.0	49.48		ug/L		99	75 - 133	9	17
Diisopropyl ether	ND		50.0	39.16		ug/L		78	10 - 200	4	50
Ethylbenzene	ND		50.0	47.46		ug/L		95	79 - 139	14	15
Ethyl tert-butyl ether	ND		50.0	45.83		ug/L		92	60 - 138	4	19
Methyl tert-butyl ether	ND		50.0	49.47		ug/L		99	66 - 141	4	16

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

Lab Sample ID: 490-48049-29 MSD — **Client Sample ID: RB01(030714)**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 147654

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tert-amyl methyl ether	ND		50.0	49.76		ug/L		100	61 - 138	4	15
tert-Butyl alcohol (TBA)	ND		500	517.2		ug/L		103	50 - 183	2	32
Toluene	ND		50.0	48.57	F2	ug/L		97	75 - 136	26	15
Xylenes, Total	ND		100	96.33	F2	ug/L		96	74 - 141	24	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: MB 490-147831/7 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 147831

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			03/15/14 06:14	1
Diisopropyl ether	ND		2.00		ug/L			03/15/14 06:14	1
Ethylbenzene	ND		1.00		ug/L			03/15/14 06:14	1
Ethyl tert-butyl ether	ND		1.00		ug/L			03/15/14 06:14	1
Methyl tert-butyl ether	ND		1.00		ug/L			03/15/14 06:14	1
Tert-amyl methyl ether	ND		1.00		ug/L			03/15/14 06:14	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			03/15/14 06:14	1
Toluene	ND		1.00		ug/L			03/15/14 06:14	1
Xylenes, Total	ND		3.00		ug/L			03/15/14 06:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*03/15/14 06:14*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*03/15/14 06:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*03/15/14 06:14*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*03/15/14 06:14*	*1*

Lab Sample ID: LCS 490-147831/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 147831

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	49.11		ug/L		98	80 - 121
Diisopropyl ether	50.0	39.87		ug/L		80	61 - 142
Ethylbenzene	50.0	47.90		ug/L		96	80 - 130
Ethyl tert-butyl ether	50.0	46.11		ug/L		92	63 - 135
Methyl tert-butyl ether	50.0	49.97		ug/L		100	72 - 133
Tert-amyl methyl ether	50.0	50.69		ug/L		101	63 - 135
tert-Butyl alcohol (TBA)	500	514.7		ug/L		103	54 - 150
Toluene	50.0	47.44		ug/L		95	80 - 126
Xylenes, Total	100	94.48		ug/L		94	80 - 132

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

Lab Sample ID: LCS 490-147831/3
Matrix: Water
Analysis Batch: 147831

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
Toluene-d8 (Surr)	94		70 - 130

Lab Sample ID: LCSD 490-147831/4
Matrix: Water
Analysis Batch: 147831

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	50.0	46.68		ug/L		93	80 - 121	5	17
Diisopropyl ether	50.0	38.20		ug/L		76	61 - 142	4	50
Ethylbenzene	50.0	45.09		ug/L		90	80 - 130	6	15
Ethyl tert-butyl ether	50.0	44.50		ug/L		89	63 - 135	4	19
Methyl tert-butyl ether	50.0	48.59		ug/L		97	72 - 133	3	16
Tert-amyl methyl ether	50.0	49.03		ug/L		98	63 - 135	3	15
tert-Butyl alcohol (TBA)	500	487.2		ug/L		97	54 - 150	5	32
Toluene	50.0	44.50		ug/L		89	80 - 126	6	15
Xylenes, Total	100	89.69		ug/L		90	80 - 132	5	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	94		70 - 130

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

Lab Sample ID: MB 490-147133/7
Matrix: Water
Analysis Batch: 147133

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			03/12/14 12:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	90		50 - 150		03/12/14 12:00	1

Lab Sample ID: LCS 490-147133/5
Matrix: Water
Analysis Batch: 147133

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	1066		ug/L		107	66 - 140

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

Lab Sample ID: LCS 490-147133/5 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 147133

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

Lab Sample ID: MB 490-147180/7 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 147180

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			03/12/14 12:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	96		50 - 150		03/12/14 12:18	1

Lab Sample ID: LCS 490-147180/5 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 147180

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics [C6 - C10]			1000	1048		ug/L		105	66 - 140		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene	98		50 - 150

Lab Sample ID: LCSD 490-147180/30 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 147180

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]			1000	1034		ug/L		103	66 - 140	1	42

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
a,a,a-Trifluorotoluene	104		50 - 150

Lab Sample ID: MB 490-147626/6 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 147626

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			03/14/14 04:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	95		50 - 150		03/14/14 04:52	1

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

Lab Sample ID: LCS 490-147626/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 147626

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics [C6 - C10]			1000	1005		ug/L		100	66 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*105*		*50 - 150*

Lab Sample ID: LCSD 490-147626/24 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 147626

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]			1000	994.8		ug/L		99	66 - 140	1	42

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*99*		*50 - 150*

Lab Sample ID: MB 490-147763/6 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 147763

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		100		ug/L			03/14/14 14:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*		*03/14/14 14:47*	*1*

Lab Sample ID: LCS 490-147763/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 147763

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics [C6 - C10]			1000	1042		ug/L		104	66 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*100*		*50 - 150*

Lab Sample ID: LCSD 490-147763/26 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 147763

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]			1000	962.1		ug/L		96	66 - 140	8	42

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

Lab Sample ID: LCSD 490-147763/26
Matrix: Water
Analysis Batch: 147763

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
a,a,a-Trifluorotoluene	101		50 - 150

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

Lab Sample ID: MB 490-147408/1-A
Matrix: Water
Analysis Batch: 147638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 147408

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		100		ug/L		03/13/14 08:45	03/13/14 16:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	92		50 - 150	03/13/14 08:45	03/13/14 16:56	1

Lab Sample ID: LCS 490-147408/2-A
Matrix: Water
Analysis Batch: 147638

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 147408

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	800	873.1		ug/L		109	46 - 132

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl (Surr)	96		50 - 150

Lab Sample ID: MB 490-147482/1-A
Matrix: Water
Analysis Batch: 147850

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 147482

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		100		ug/L		03/13/14 10:49	03/14/14 17:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	82		50 - 150	03/13/14 10:49	03/14/14 17:54	1

Lab Sample ID: LCS 490-147482/2-A
Matrix: Water
Analysis Batch: 147850

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 147482

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	800	839.3		ug/L		105	46 - 132

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl (Surr)	89		50 - 150

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

Lab Sample ID: LCSD 490-147482/3-A
Matrix: Water
Analysis Batch: 147850

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 147482

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			800	792.5		ug/L		99	46 - 132	6	31

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*85*		*50 - 150*

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

GC/MS VOA

Analysis Batch: 146721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-47982-B-1 MS	Matrix Spike	Total/NA	Water	8260B	
490-47982-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
490-48049-1	MW05(030714)	Total/NA	Water	8260B	
490-48049-2	MW06(030714)	Total/NA	Water	8260B	
490-48049-3	MW11(030714)	Total/NA	Water	8260B	
490-48049-4	MW13A(030714)	Total/NA	Water	8260B	
490-48049-5	MW14A(030714)	Total/NA	Water	8260B	
490-48049-6	MW37(030714)	Total/NA	Water	8260B	
490-48049-7	MW38(030714)	Total/NA	Water	8260B	
490-48049-8	MW46(030714)	Total/NA	Water	8260B	
490-48049-9	MW48(030714)	Total/NA	Water	8260B	
490-48049-10	MW50(030714)	Total/NA	Water	8260B	
LCS 490-146721/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-146721/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-146721/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 147654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-48049-11	MW51(030714)	Total/NA	Water	8260B	
490-48049-12	MW53D(030714)	Total/NA	Water	8260B	
490-48049-13	MW53I(030714)	Total/NA	Water	8260B	
490-48049-14	MW53S(030714)	Total/NA	Water	8260B	
490-48049-18	MW55I(030714)	Total/NA	Water	8260B	
490-48049-21	VW01(030714)	Total/NA	Water	8260B	
490-48049-22	VW02(030714)	Total/NA	Water	8260B	
490-48049-23	VW03(030714)	Total/NA	Water	8260B	
490-48049-24	MP1(030714)	Total/NA	Water	8260B	
490-48049-25	MP2(030714)	Total/NA	Water	8260B	
490-48049-26	DPE1(030714)	Total/NA	Water	8260B	
490-48049-27	DUP01(030714)	Total/NA	Water	8260B	
490-48049-28	DUP02(030714)	Total/NA	Water	8260B	
490-48049-29	RB01(030714)	Total/NA	Water	8260B	
490-48049-29 MS	RB01(030714)	Total/NA	Water	8260B	
490-48049-29 MSD	RB01(030714)	Total/NA	Water	8260B	
LCS 490-147654/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-147654/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-147654/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 147831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-48049-13	MW53I(030714)	Total/NA	Water	8260B	
490-48049-14	MW53S(030714)	Total/NA	Water	8260B	
490-48049-15	MW54D(030714)	Total/NA	Water	8260B	
490-48049-15	MW54D(030714)	Total/NA	Water	8260B	
490-48049-16	MW54S(030714)	Total/NA	Water	8260B	
490-48049-17	MW55D(030714)	Total/NA	Water	8260B	
490-48049-18	MW55I(030714)	Total/NA	Water	8260B	
490-48049-19	MW55S(030714)	Total/NA	Water	8260B	
490-48049-19	MW55S(030714)	Total/NA	Water	8260B	
490-48049-20	RW52(030714)	Total/NA	Water	8260B	
490-48049-24	MP1(030714)	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 147831 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-48049-25	MP2(030714)	Total/NA	Water	8260B	
490-48049-26	DPE1(030714)	Total/NA	Water	8260B	
490-48049-27	DUP01(030714)	Total/NA	Water	8260B	
490-48049-28	DUP02(030714)	Total/NA	Water	8260B	
LCS 490-147831/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-147831/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-147831/7	Method Blank	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 147133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-48049-2	MW06(030714)	Total/NA	Water	8015C	
490-48049-3	MW11(030714)	Total/NA	Water	8015C	
490-48049-4	MW13A(030714)	Total/NA	Water	8015C	
490-48049-5	MW14A(030714)	Total/NA	Water	8015C	
490-48049-6	MW37(030714)	Total/NA	Water	8015C	
490-48049-7	MW38(030714)	Total/NA	Water	8015C	
490-48049-8	MW46(030714)	Total/NA	Water	8015C	
490-48049-9	MW48(030714)	Total/NA	Water	8015C	
490-48049-10	MW50(030714)	Total/NA	Water	8015C	
490-48049-11	MW51(030714)	Total/NA	Water	8015C	
490-48049-12	MW53D(030714)	Total/NA	Water	8015C	
490-48049-13	MW53I(030714)	Total/NA	Water	8015C	
490-48049-17	MW55D(030714)	Total/NA	Water	8015C	
LCS 490-147133/5	Lab Control Sample	Total/NA	Water	8015C	
MB 490-147133/7	Method Blank	Total/NA	Water	8015C	

Analysis Batch: 147180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-48049-20	RW52(030714)	Total/NA	Water	8015C	
490-48049-21	VW01(030714)	Total/NA	Water	8015C	
490-48049-22	VW02(030714)	Total/NA	Water	8015C	
490-48049-23	VW03(030714)	Total/NA	Water	8015C	
490-48049-29	RB01(030714)	Total/NA	Water	8015C	
LCS 490-147180/5	Lab Control Sample	Total/NA	Water	8015C	
LCSD 490-147180/30	Lab Control Sample Dup	Total/NA	Water	8015C	
MB 490-147180/7	Method Blank	Total/NA	Water	8015C	

Analysis Batch: 147626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-48049-1	MW05(030714)	Total/NA	Water	8015C	
490-48049-14	MW53S(030714)	Total/NA	Water	8015C	
490-48049-15	MW54D(030714)	Total/NA	Water	8015C	
490-48049-16	MW54S(030714)	Total/NA	Water	8015C	
490-48049-18	MW55I(030714)	Total/NA	Water	8015C	
LCS 490-147626/4	Lab Control Sample	Total/NA	Water	8015C	
LCSD 490-147626/24	Lab Control Sample Dup	Total/NA	Water	8015C	
MB 490-147626/6	Method Blank	Total/NA	Water	8015C	

GC VOA (Continued)

Analysis Batch: 147763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-48049-19	MW55S(030714)	Total/NA	Water	8015C	
490-48049-24	MP1(030714)	Total/NA	Water	8015C	
490-48049-25	MP2(030714)	Total/NA	Water	8015C	
490-48049-26	DPE1(030714)	Total/NA	Water	8015C	
490-48049-27	DUP01(030714)	Total/NA	Water	8015C	
490-48049-28	DUP02(030714)	Total/NA	Water	8015C	
LCS 490-147763/4	Lab Control Sample	Total/NA	Water	8015C	
LCSD 490-147763/26	Lab Control Sample Dup	Total/NA	Water	8015C	
MB 490-147763/6	Method Blank	Total/NA	Water	8015C	

GC Semi VOA

Prep Batch: 147408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-48049-1	MW05(030714)	Total/NA	Water	3510C	
490-48049-2	MW06(030714)	Total/NA	Water	3510C	
490-48049-3	MW11(030714)	Total/NA	Water	3510C	
490-48049-4	MW13A(030714)	Total/NA	Water	3510C	
490-48049-5	MW14A(030714)	Total/NA	Water	3510C	
490-48049-6	MW37(030714)	Total/NA	Water	3510C	
490-48049-7	MW38(030714)	Total/NA	Water	3510C	
490-48049-8	MW46(030714)	Total/NA	Water	3510C	
490-48049-9	MW48(030714)	Total/NA	Water	3510C	
490-48049-10	MW50(030714)	Total/NA	Water	3510C	
490-48049-11	MW51(030714)	Total/NA	Water	3510C	
490-48049-12	MW53D(030714)	Total/NA	Water	3510C	
490-48049-13	MW53I(030714)	Total/NA	Water	3510C	
490-48049-14	MW53S(030714)	Total/NA	Water	3510C	
490-48049-15	MW54D(030714)	Total/NA	Water	3510C	
490-48049-16	MW54S(030714)	Total/NA	Water	3510C	
490-48049-17	MW55D(030714)	Total/NA	Water	3510C	
490-48049-18	MW55I(030714)	Total/NA	Water	3510C	
490-48049-19	MW55S(030714)	Total/NA	Water	3510C	
490-48049-20	RW52(030714)	Total/NA	Water	3510C	
LCS 490-147408/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 490-147408/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 147482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-48049-21	VW01(030714)	Total/NA	Water	3510C	
490-48049-22	VW02(030714)	Total/NA	Water	3510C	
490-48049-23	VW03(030714)	Total/NA	Water	3510C	
490-48049-24	MP1(030714)	Total/NA	Water	3510C	
490-48049-25	MP2(030714)	Total/NA	Water	3510C	
490-48049-26	DPE1(030714)	Total/NA	Water	3510C	
490-48049-27	DUP01(030714)	Total/NA	Water	3510C	
490-48049-28	DUP02(030714)	Total/NA	Water	3510C	
490-48049-29	RB01(030714)	Total/NA	Water	3510C	
LCS 490-147482/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 490-147482/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 147482 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 490-147482/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 147638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-48049-1	MW05(030714)	Total/NA	Water	8015C	147408
490-48049-2	MW06(030714)	Total/NA	Water	8015C	147408
490-48049-5	MW14A(030714)	Total/NA	Water	8015C	147408
490-48049-6	MW37(030714)	Total/NA	Water	8015C	147408
490-48049-7	MW38(030714)	Total/NA	Water	8015C	147408
490-48049-8	MW46(030714)	Total/NA	Water	8015C	147408
490-48049-11	MW51(030714)	Total/NA	Water	8015C	147408
490-48049-12	MW53D(030714)	Total/NA	Water	8015C	147408
490-48049-13	MW53I(030714)	Total/NA	Water	8015C	147408
490-48049-15	MW54D(030714)	Total/NA	Water	8015C	147408
490-48049-16	MW54S(030714)	Total/NA	Water	8015C	147408
490-48049-17	MW55D(030714)	Total/NA	Water	8015C	147408
490-48049-20	RW52(030714)	Total/NA	Water	8015C	147408
LCS 490-147408/2-A	Lab Control Sample	Total/NA	Water	8015C	147408
MB 490-147408/1-A	Method Blank	Total/NA	Water	8015C	147408

Analysis Batch: 147850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-48049-3	MW11(030714)	Total/NA	Water	8015C	147408
490-48049-4	MW13A(030714)	Total/NA	Water	8015C	147408
490-48049-9	MW48(030714)	Total/NA	Water	8015C	147408
490-48049-10	MW50(030714)	Total/NA	Water	8015C	147408
490-48049-14	MW53S(030714)	Total/NA	Water	8015C	147408
490-48049-18	MW55I(030714)	Total/NA	Water	8015C	147408
490-48049-19	MW55S(030714)	Total/NA	Water	8015C	147408
490-48049-21	VW01(030714)	Total/NA	Water	8015C	147482
490-48049-22	VW02(030714)	Total/NA	Water	8015C	147482
490-48049-23	VW03(030714)	Total/NA	Water	8015C	147482
490-48049-29	RB01(030714)	Total/NA	Water	8015C	147482
LCS 490-147482/2-A	Lab Control Sample	Total/NA	Water	8015C	147482
LCSD 490-147482/3-A	Lab Control Sample Dup	Total/NA	Water	8015C	147482
MB 490-147482/1-A	Method Blank	Total/NA	Water	8015C	147482

Analysis Batch: 148174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-48049-24	MP1(030714)	Total/NA	Water	8015C	147482
490-48049-25	MP2(030714)	Total/NA	Water	8015C	147482
490-48049-26	DPE1(030714)	Total/NA	Water	8015C	147482
490-48049-27	DUP01(030714)	Total/NA	Water	8015C	147482
490-48049-28	DUP02(030714)	Total/NA	Water	8015C	147482

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW05(030714)

Lab Sample ID: 490-48049-1
Date Collected: 03/07/14 12:50
Matrix: Water
Date Received: 03/08/14 08:30

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	10 mL	10 mL	146721	03/13/14 20:50	BJM	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147626	03/14/14 05:26	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	280 mL	1 mL	147638	03/13/14 17:26	JPS	TAL NSH

Client Sample ID: MW06(030714)

Lab Sample ID: 490-48049-2
Date Collected: 03/07/14 13:35
Matrix: Water
Date Received: 03/08/14 08:30

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	10 mL	10 mL	146721	03/13/14 21:16	BJM	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147133	03/12/14 16:12	KML	TAL NSH
Total/NA	Prep	3510C			260 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	260 mL	1 mL	147638	03/13/14 17:41	JPS	TAL NSH

Client Sample ID: MW11(030714)

Lab Sample ID: 490-48049-3
Date Collected: 03/07/14 12:15
Matrix: Water
Date Received: 03/08/14 08:30

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	10 mL	10 mL	146721	03/13/14 21:41	BJM	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147133	03/13/14 00:42	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	280 mL	1 mL	147850	03/14/14 16:06	GMH	TAL NSH

Client Sample ID: MW13A(030714)

Lab Sample ID: 490-48049-4
Date Collected: 03/07/14 10:35
Matrix: Water
Date Received: 03/08/14 08:30

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	10 mL	10 mL	146721	03/13/14 22:07	BJM	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147133	03/13/14 01:14	KML	TAL NSH
Total/NA	Prep	3510C			260 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		5	260 mL	1 mL	147850	03/14/14 16:22	GMH	TAL NSH

Client Sample ID: MW14A(030714)

Lab Sample ID: 490-48049-5
Date Collected: 03/07/14 11:50
Matrix: Water
Date Received: 03/08/14 08:30

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	10 mL	10 mL	146721	03/13/14 22:33	BJM	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147133	03/12/14 16:51	KML	TAL NSH

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW14A(030714)

Lab Sample ID: 490-48049-5
Date Collected: 03/07/14 11:50
Matrix: Water
Date Received: 03/08/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	280 mL	1 mL	147638	03/13/14 18:27	JPS	TAL NSH

Client Sample ID: MW37(030714)

Lab Sample ID: 490-48049-6
Date Collected: 03/07/14 09:20
Matrix: Water
Date Received: 03/08/14 08:30

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	10 mL	10 mL	146721	03/13/14 22:59	BJM	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147133	03/12/14 17:22	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	280 mL	1 mL	147638	03/13/14 18:42	JPS	TAL NSH

Client Sample ID: MW38(030714)

Lab Sample ID: 490-48049-7
Date Collected: 03/07/14 09:30
Matrix: Water
Date Received: 03/08/14 08:30

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	10 mL	10 mL	146721	03/13/14 23:25	BJM	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147133	03/12/14 17:53	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	280 mL	1 mL	147638	03/13/14 18:58	JPS	TAL NSH

Client Sample ID: MW46(030714)

Lab Sample ID: 490-48049-8
Date Collected: 03/07/14 11:40
Matrix: Water
Date Received: 03/08/14 08:30

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	10 mL	10 mL	146721	03/13/14 23:50	BJM	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147133	03/12/14 18:25	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	280 mL	1 mL	147638	03/13/14 19:13	JPS	TAL NSH

Client Sample ID: MW48(030714)

Lab Sample ID: 490-48049-9
Date Collected: 03/07/14 10:15
Matrix: Water
Date Received: 03/08/14 08:30

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	10 mL	10 mL	146721	03/14/14 00:16	BJM	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147133	03/12/14 18:56	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	280 mL	1 mL	147850	03/14/14 16:37	GMH	TAL NSH

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW50(030714)

Lab Sample ID: 490-48049-10
Date Collected: 03/07/14 12:30
Matrix: Water
Date Received: 03/08/14 08:30

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	10 mL	10 mL	146721	03/14/14 00:42	BJM	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147133	03/12/14 19:28	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	280 mL	1 mL	147850	03/14/14 16:52	GMH	TAL NSH

Client Sample ID: MW51(030714)

Lab Sample ID: 490-48049-11
Date Collected: 03/07/14 13:45
Matrix: Water
Date Received: 03/08/14 08:30

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	147654	03/14/14 04:26		TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147133	03/12/14 21:34	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	280 mL	1 mL	147638	03/13/14 19:59	JPS	TAL NSH

Client Sample ID: MW53D(030714)

Lab Sample ID: 490-48049-12
Date Collected: 03/07/14 14:15
Matrix: Water
Date Received: 03/08/14 08:30

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	147654	03/14/14 04:52		TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147133	03/12/14 22:05	KML	TAL NSH
Total/NA	Prep	3510C			260 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	260 mL	1 mL	147638	03/13/14 20:14	JPS	TAL NSH

Client Sample ID: MW53I(030714)

Lab Sample ID: 490-48049-13
Date Collected: 03/07/14 14:05
Matrix: Water
Date Received: 03/08/14 08:30

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	147654	03/14/14 05:18		TAL NSH
Total/NA	Analysis	8260B		5	5 mL	5 mL	147831	03/15/14 09:41	BJM	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147133	03/12/14 22:36	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	280 mL	1 mL	147638	03/13/14 20:29	JPS	TAL NSH

Client Sample ID: MW53S(030714)

Lab Sample ID: 490-48049-14
Date Collected: 03/07/14 13:55
Matrix: Water
Date Received: 03/08/14 08:30

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	147654	03/14/14 05:44		TAL NSH

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW53S(030714)

Lab Sample ID: 490-48049-14
Date Collected: 03/07/14 13:55
Matrix: Water
Date Received: 03/08/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		100	5 mL	5 mL	147831	03/15/14 10:07	BJM	TAL NSH
Total/NA	Analysis	8015C		100	5 mL	5 mL	147626	03/14/14 07:44	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		5	280 mL	1 mL	147850	03/14/14 17:08	GMH	TAL NSH

Client Sample ID: MW54D(030714)

Lab Sample ID: 490-48049-15
Date Collected: 03/07/14 11:20
Matrix: Water
Date Received: 03/08/14 08:30

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	147831	03/15/14 07:57	BJM	TAL NSH
Total/NA	Analysis	8260B		5	5 mL	5 mL	147831	03/15/14 08:23	BJM	TAL NSH
Total/NA	Analysis	8015C		10	5 mL	5 mL	147626	03/14/14 08:18	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	280 mL	1 mL	147638	03/13/14 21:30	JPS	TAL NSH

Client Sample ID: MW54S(030714)

Lab Sample ID: 490-48049-16
Date Collected: 03/07/14 11:30
Matrix: Water
Date Received: 03/08/14 08:30

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	147831	03/15/14 06:40	BJM	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147626	03/14/14 06:00	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	280 mL	1 mL	147638	03/13/14 21:46	JPS	TAL NSH

Client Sample ID: MW55D(030714)

Lab Sample ID: 490-48049-17
Date Collected: 03/07/14 11:00
Matrix: Water
Date Received: 03/08/14 08:30

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	147831	03/15/14 07:05	BJM	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147133	03/13/14 00:11	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	280 mL	1 mL	147638	03/13/14 22:01	JPS	TAL NSH

Client Sample ID: MW55I(030714)

Lab Sample ID: 490-48049-18
Date Collected: 03/07/14 10:55
Matrix: Water
Date Received: 03/08/14 08:30

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	147654	03/14/14 07:27		TAL NSH

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: MW55I(030714)

Lab Sample ID: 490-48049-18
Date Collected: 03/07/14 10:55
Matrix: Water
Date Received: 03/08/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		100	5 mL	5 mL	147831	03/15/14 10:59	BJM	TAL NSH
Total/NA	Analysis	8015C		100	5 mL	5 mL	147626	03/14/14 08:53	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		5	280 mL	1 mL	147850	03/14/14 17:23	GMH	TAL NSH

Client Sample ID: MW55S(030714)

Lab Sample ID: 490-48049-19
Date Collected: 03/07/14 10:45
Matrix: Water
Date Received: 03/08/14 08:30

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	147831	03/15/14 08:49	BJM	TAL NSH
Total/NA	Analysis	8260B		5	5 mL	5 mL	147831	03/15/14 09:15	BJM	TAL NSH
Total/NA	Analysis	8015C		20	5 mL	5 mL	147763	03/14/14 15:59	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		5	280 mL	1 mL	147850	03/14/14 17:39	GMH	TAL NSH

Client Sample ID: RW52(030714)

Lab Sample ID: 490-48049-20
Date Collected: 03/07/14 09:40
Matrix: Water
Date Received: 03/08/14 08:30

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	147831	03/15/14 07:31	BJM	TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147180	03/12/14 13:39	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147408	03/13/14 08:45	CLH	TAL NSH
Total/NA	Analysis	8015C		1	280 mL	1 mL	147638	03/13/14 22:47	JPS	TAL NSH

Client Sample ID: VW01(030714)

Lab Sample ID: 490-48049-21
Date Collected: 03/07/14 16:10
Matrix: Water
Date Received: 03/08/14 08:30

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	147654	03/14/14 08:45		TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147180	03/12/14 14:13	KML	TAL NSH
Total/NA	Prep	3510C			290 mL	1 mL	147482	03/13/14 10:49	FXM	TAL NSH
Total/NA	Analysis	8015C		1	290 mL	1 mL	147850	03/14/14 18:41	GMH	TAL NSH

Client Sample ID: VW02(030714)

Lab Sample ID: 490-48049-22
Date Collected: 03/07/14 14:25
Matrix: Water
Date Received: 03/08/14 08:30

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	147654	03/14/14 09:11		TAL NSH

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: VW02(030714)

Lab Sample ID: 490-48049-22
Date Collected: 03/07/14 14:25
Matrix: Water
Date Received: 03/08/14 08:30

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	147180	03/12/14 14:48	KML	TAL NSH
Total/NA	Prep	3510C			275 mL	1 mL	147482	03/13/14 10:49	FXM	TAL NSH
Total/NA	Analysis	8015C		1	275 mL	1 mL	147850	03/14/14 18:56	GMH	TAL NSH

Client Sample ID: VW03(030714)

Lab Sample ID: 490-48049-23
Date Collected: 03/07/14 12:40
Matrix: Water
Date Received: 03/08/14 08:30

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	147654	03/14/14 09:37		TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147180	03/12/14 15:22	KML	TAL NSH
Total/NA	Prep	3510C			290 mL	1 mL	147482	03/13/14 10:49	FXM	TAL NSH
Total/NA	Analysis	8015C		1	290 mL	1 mL	147850	03/14/14 19:11	GMH	TAL NSH

Client Sample ID: MP1(030714)

Lab Sample ID: 490-48049-24
Date Collected: 03/07/14 14:45
Matrix: Water
Date Received: 03/08/14 08:30

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	147654	03/14/14 10:03		TAL NSH
Total/NA	Analysis	8260B		50	5 mL	5 mL	147831	03/15/14 11:25	BJM	TAL NSH
Total/NA	Analysis	8015C		50	5 mL	5 mL	147763	03/14/14 16:34	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147482	03/13/14 10:49	FXM	TAL NSH
Total/NA	Analysis	8015C		5	280 mL	1 mL	148174	03/17/14 22:27	JPS	TAL NSH

Client Sample ID: MP2(030714)

Lab Sample ID: 490-48049-25
Date Collected: 03/07/14 15:15
Matrix: Water
Date Received: 03/08/14 08:30

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	147654	03/14/14 10:29		TAL NSH
Total/NA	Analysis	8260B		10	5 mL	5 mL	147831	03/15/14 11:50	BJM	TAL NSH
Total/NA	Analysis	8015C		20	5 mL	5 mL	147763	03/14/14 17:08	KML	TAL NSH
Total/NA	Prep	3510C			290 mL	1 mL	147482	03/13/14 10:49	FXM	TAL NSH
Total/NA	Analysis	8015C		5	290 mL	1 mL	148174	03/17/14 22:43	JPS	TAL NSH

Client Sample ID: DPE1(030714)

Lab Sample ID: 490-48049-26
Date Collected: 03/07/14 14:55
Matrix: Water
Date Received: 03/08/14 08:30

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	147654	03/14/14 10:54		TAL NSH

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Client Sample ID: DPE1(030714)

Lab Sample ID: 490-48049-26
Date Collected: 03/07/14 14:55
Matrix: Water
Date Received: 03/08/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		100	5 mL	5 mL	147831	03/15/14 12:16	BJM	TAL NSH
Total/NA	Analysis	8015C		50	5 mL	5 mL	147763	03/14/14 17:43	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147482	03/13/14 10:49	FXM	TAL NSH
Total/NA	Analysis	8015C		5	280 mL	1 mL	148174	03/17/14 22:58	JPS	TAL NSH

Client Sample ID: DUP01(030714)

Lab Sample ID: 490-48049-27
Date Collected: 03/07/14 12:00
Matrix: Water
Date Received: 03/08/14 08:30

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	147654	03/14/14 11:21		TAL NSH
Total/NA	Analysis	8260B		100	5 mL	5 mL	147831	03/15/14 12:42	BJM	TAL NSH
Total/NA	Analysis	8015C		100	5 mL	5 mL	147763	03/14/14 19:16	KML	TAL NSH
Total/NA	Prep	3510C			280 mL	1 mL	147482	03/13/14 10:49	FXM	TAL NSH
Total/NA	Analysis	8015C		5	280 mL	1 mL	148174	03/17/14 23:14	JPS	TAL NSH

Client Sample ID: DUP02(030714)

Lab Sample ID: 490-48049-28
Date Collected: 03/07/14 13:00
Matrix: Water
Date Received: 03/08/14 08:30

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	147654	03/14/14 11:47		TAL NSH
Total/NA	Analysis	8260B		100	5 mL	5 mL	147831	03/15/14 13:34	BJM	TAL NSH
Total/NA	Analysis	8015C		50	5 mL	5 mL	147763	03/14/14 19:50	KML	TAL NSH
Total/NA	Prep	3510C			290 mL	1 mL	147482	03/13/14 10:49	FXM	TAL NSH
Total/NA	Analysis	8015C		5	290 mL	1 mL	148174	03/17/14 23:29	JPS	TAL NSH

Client Sample ID: RB01(030714)

Lab Sample ID: 490-48049-29
Date Collected: 03/07/14 16:15
Matrix: Water
Date Received: 03/08/14 08:30

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	147654	03/14/14 04:00		TAL NSH
Total/NA	Analysis	8015C		1	5 mL	5 mL	147180	03/12/14 13:04	KML	TAL NSH
Total/NA	Prep	3510C			300 mL	1 mL	147482	03/13/14 10:49	FXM	TAL NSH
Total/NA	Analysis	8015C		1	300 mL	1 mL	147850	03/14/14 21:14	GMH	TAL NSH

Laboratory References:

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

Method Summary

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

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
8015C	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	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

Certification Summary

Client: ARCADIS U.S. Inc
Project/Site: XOM #25553 / Thurmont, MD

TestAmerica Job ID: 490-48049-1

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	ISO/IEC 17025		0453.07	12-31-15
Alaska (UST)	State Program	10	UST-087	07-24-14
Arizona	State Program	9	AZ0473	05-05-14
Arizona	State Program	9	AZ0473	05-05-14 *
Arkansas DEQ	State Program	6	88-0737	04-25-14
California	NELAP	9	1168CA	10-31-14
Connecticut	State Program	1	PH-0220	12-31-15
Florida	NELAP	4	E87358	06-30-14
Illinois	NELAP	5	200010	12-09-14
Iowa	State Program	7	131	05-01-14
Kansas	NELAP	7	E-10229	10-31-14
Kentucky (UST)	State Program	4	19	06-30-14
Louisiana	NELAP	6	30613	06-30-14
Maryland	State Program	3	316	03-31-14
Massachusetts	State Program	1	M-TN032	06-30-14
Minnesota	NELAP	5	047-999-345	12-31-14
Mississippi	State Program	4	N/A	06-30-14
Montana (UST)	State Program	8	NA	01-01-20
Nevada	State Program	9	TN00032	07-31-14
New Hampshire	NELAP	1	2963	10-10-14
New Jersey	NELAP	2	TN965	06-30-14
New York	NELAP	2	11342	04-01-14
North Carolina DENR	State Program	4	387	12-31-14
North Dakota	State Program	8	R-146	06-30-14
Ohio VAP	State Program	5	CL0033	10-16-15
Oklahoma	State Program	6	9412	08-31-14
Oregon	NELAP	10	TN200001	04-29-14
Pennsylvania	NELAP	3	68-00585	06-30-14
Rhode Island	State Program	1	LAO00268	12-30-14
South Carolina	State Program	4	84009 (002)	02-23-17
Tennessee	State Program	4	2008	02-23-17
Texas	NELAP	6	T104704077-09-TX	08-31-14
USDA	Federal		S-48469	10-30-16
Utah	NELAP	8	TN00032	07-31-14
Virginia	NELAP	3	460152	06-14-14
Washington	State Program	10	C789	07-19-14
West Virginia DEP	State Program	3	219	02-28-15
Wisconsin	State Program	5	998020430	08-31-14
Wyoming (UST)	A2LA	8	453.07	12-31-15

* Expired certification is currently pending renewal and is considered valid.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FOI

490-48049 Chain of Custody
180325

Cooler Received/Opened On : 03/8/2014 @ 0830

Tracking # 6258 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun: 18290455

1. Temperature of rep. sample or temp blank when opened: 2.7 *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 1 Vial MW 45
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
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) AJH

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) AJH

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) AJH

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

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
End of Form

Revised 11/28/12

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Loc: 490
48049

Cooler Received/Opened On 3/8/2014@ 0830

1. Tracking # 6512 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 3.5 *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: one 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) DA

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

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) AJH

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) AJH

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) AJH

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

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

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Baltimore
Loc: 490
48049

Cooler Received/Opened On 3/8/2014@ 0830

1. Tracking # 6523 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 0.7 *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: one 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) DA

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

14. Was there a Trip Blank in this cooler? 3/8/14 YES...NO...NA If multiple coolers, sequence #____

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

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) AJH

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) AJH

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

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
End of Form

Revised 11/28/12

ARCADIS
Infrastructure · Water · Environment · Buildings

ID#:

CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

Page 1 of 3

Lab Work Order #

Send Results to:

Contact & Company Name: Sterling Turner/ARCADIS
Telephone: 804-665-1074
Address: 1100 Wellborne Dr, Suite 100
Fax: —
City: Richmond State: VA Zip: 23229
E-mail Address: Sterling.turner@arcadis-us.com
Project Name/Location (City, State): Thurmont, MD / TOM #25553
Project #: B0085851.0014
Sampler's Printed Name: Sarah Matteson
Sampler's Signature:

Preservative	B	B	E										
Filtered (✓)													
# of Containers	3	3	2										
Container Information	1	1	9										

PARAMETER ANALYSIS & METHOD

Keys

Preservation Key:
A. H_2SO_4
B. HCL
C. HNO_3
D. NaOH
E. None
F. Other:
G. Other:
H. Other:

Container Information Key:
1. 40 ml Vial
2. 1 L Amber
3. 250 ml Plastic
4. 500 ml Plastic
5. Encore
6. 2 oz. Glass
7. 4 oz. Glass
8. 8 oz. Glass
9. Other: 250 mL Amber
10. Other:

Matrix Key:
SO - Soil, SE - Sediment, NL - NAPL/Oil, W - Water, SL - Sludge, SW - Sample Wipe, T - Tissue, A - Air, Other:

	Sample ID	Collection Date	Collection Time	Type (✓) Comp	Type (✓) Grab	Matrix	BTEX + MTBE + Oxygenates	TPH-GRO	TPH-DRO	REMARKS
1	MW05 (030714)	3/7/14	1250		✓	W	X	X	X	
2	MW06 (030714)	↓	1335		↓	↓	↓	↓	↓	
3	MW11 (030714)	↓	1215		↓	↓	↓	↓	↓	
4	MW13A (030714)	↓	1035		↓	↓	↓	↓	↓	
5	MW14A (030714)	↓	1150		↓	↓	↓	↓	↓	
6	MW37 (030714)	↓	0920		↓	↓	↓	↓	↓	
7	MW38 (030714)	↓	0930		↓	↓	↓	↓	↓	
8	MW46 (030714)	↓	1140		↓	↓	↓	↓	↓	
9	MW48 (030714)	↓	1015		↓	↓	↓	↓	↓	
10	MW50 (030714)	↓	1230		↓	↓	↓	↓	↓	
11	MW51 (030714)	↓	1345		↓	↓	↓	↓	↓	
12	MW53D (030714)	↓	1415		↓	↓	↓	↓	↓	
13	MW53I (030714)	↓	1405		↓	↓	↓	↓	↓	
14	MW53S (030714)	↓	1355		↓	↓	↓	↓	↓	

Loc: 490
48049

Special Instructions/Comments:

☐ Special QA/QC Instructions(✓):

Laboratory Information and Receipt		Relinquished By	Received By	Relinquished By	Laboratory Received By
Lab Name: Test America	Cooler Custody Seal (✓) ☐ Intact ☐ Not Intact	Printed Name: Sarah Matteson	Printed Name: Paul Gayleard	Printed Name: Paul Gayleard	Printed Name: Adam Huckey
☑ Cooler packed with ice (✓)		Signature:	Signature:	Signature:	Signature:
Specify Turnaround Requirements: —	Sample Receipt:	Firm: ARCADIS	Firm/Courier: Test America	Firm/Courier: Test America	Firm: TAN
Shipping Tracking #: —	Condition/Cooler Temp:	Date/Time: 3/7/14 1735	Date/Time: 3/7/14 1735	Date/Time: 3/7/14 1736	Date/Time: 3/8/14 8:30

3/24/2014

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ARCADIS
Infrastructure · Water · Environment · Buildings

ID#:

CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

Page 2 of 3

Lab Work Order #

Send Results to:

Contact & Company Name: Sterling Turner/ARCADIS
Telephone: 804-665-1074
Address: 1100 Wetbourne Dr, Suite 100
Fax: —
City: Richmond State: VA Zip: 23229
E-mail Address: sterling.turner@arcadis-us.com
Project Name/Location (City, State): XOM #25553 / ~~B085851.0014~~
Project #: Thurmont, MD
Sampler's Printed Name: Sarah Matteson
Sampler's Signature: SM M

Preservative	B	B	E									
Filtered (✓)												
# of Containers	3	3	2									
Container Information	1	1	9									

PARAMETER ANALYSIS & METHOD

Keys

Preservation Key:
A. H_2SO_4
B. HCL
C. HNO_3
D. NaOH
E. None
F. Other: ____
G. Other: ____
H. Other: ____

Container Information Key:
1. 40 ml Vial
2. 1 L Amber
3. 250 ml Plastic
4. 500 ml Plastic
5. Encore
6. 2 oz. Glass
7. 4 oz. Glass
8. 8 oz. Glass
9. Other: 250mL Amber
10. Other: ____

Matrix Key:
SO - Soil, SE - Sediment, NL - NAPL/Oil, W - Water, SL - Sludge, SW - Sample Wipe, T - Tissue, A - Air, Other: ____

	Sample ID	Collection Date	Collection Time	Type (✓) Comp	Type (✓) Grab	Matrix	BTEX-MTBE+Oxygenates	TPH-GRO	TPH-DRO	REMARKS
15	MW54D (030714)	3/7/14	1120		✓	W	X	X	X	
16	MW54S (030714)		1130							
17	MW55D (030714)		1100							
18	MW55I (030714)		1055							
19	MW55S (030714)		1045							
20	RW52 (030714)		0940							
21	VW01 (030714)		1610							
22	VW02 (030714)		1425							
23	VW03 (030714)		1240							
24	MP1 (030714)		1445							
25	MP2 (030714)		1515							
26	DPE1 (030714)		1455							
27	DUP01 (030714)		1200							
28	DUP02 (030714)		1300							

Loc: 490
48049

Special Instructions/Comments:

☐ Special QA/QC Instructions(✓):

Laboratory Information and Receipt		Relinquished By	Received By	Relinquished By	Laboratory Received By
Lab Name: Test America	Cooler Custody Seal (✓) ☐ Intact ☐ Not Intact	Printed Name: Sarah Matteson	Printed Name: Paul Gayleard	Printed Name: Paul Gayleard	Printed Name: Adam Huskey
☐ Cooler packed with ice (✓)		Signature: SM M	Signature: [signature]	Signature: [signature]	Signature: [signature]
Specify Turnaround Requirements: —	Sample Receipt:	Firm: ARCADIS	Firm/Courier: Test America	Firm/Courier: test America	Firm: TAN
Shipping Tracking #: —	Condition/Cooler Temp: ____	Date/Time: 3/7/14 1735	Date/Time: 3/7/14 1735	Date/Time: 3/7/14 1736	Date/Time: 3/8/14 8:30

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ARCADIS
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ID#:

CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

Lab Work Order #

Send Results to:

Contact & Company Name: Sterling Turner/ARCADIS
Telephone: 804-665-1074
Address: 1100 Wellborne Dr, Suite 100
Fax: —
City: Richmond State: VA Zip: 23229
E-mail Address: sterling.turner@arcadis-us.com
Project Name/Location (City, State): Thurmont / Thurmont, MD
Project #: B0085851.0014
Sampler's Printed Name: Sarah Matteson
Sampler's Signature: [signature]

Preservative	B	B	E									
Filtered (✓)												
# of Containers	3	3	2									
Container Information	1	1	9									

PARAMETER ANALYSIS & METHOD

	Sample ID	Collection Date	Collection Time	Type (✓) Comp	Type (✓) Grab	Matrix	8260B BTEX + MTBE, oxygenates	TPH-GRO	TPH-DRO					REMARKS
29	RB01 (030714)	3/7/14	1615		✓	W	X	X	X					
30	TB01 (030714)	3/7/14	—		✓	W	X							2-40mL Vials

Keys

Preservation Key:
A. H_2SO_4
B. HCL
C. HNO_3
D. NaOH
E. None
F. Other: ____
G. Other: ____
H. Other: ____

Container Information Key:
1. 40 ml Vial
2. 1 L Amber
3. 250 ml Plastic
4. 500 ml Plastic
5. Encore
6. 2 oz. Glass
7. 4 oz. Glass
8. 8 oz. Glass
9. Other: 250mL Amber
10. Other: ____

Matrix Key:
SO - Soil, SE - Sediment, NL - NAPL/Oil, W - Water, SL - Sludge, SW - Sample Wipe, T - Tissue, A - Air, Other: ____

Loc: 490
48049

Special Instructions/Comments:

☐ Special QA/QC Instructions(✓):

Laboratory Information and Receipt		Relinquished By	Received By	Relinquished By	Laboratory Received By
Lab Name: Test America	Cooler Custody Seal (✓)	Printed Name: Sarah Matteson	Printed Name: Paul Gayleard	Printed Name: Paul Gayleard	Printed Name: Adam Hustey
✓ Cooler packed with ice (✓)	☐ Intact ☐ Not Intact	Signature: [signature]	Signature: [signature]	Signature: [signature]	Signature: [signature]
Specify Turnaround Requirements: —	Sample Receipt:	Firm: ARCADIS	Firm/Courier: Test America	Firm/Courier: Test America	Firm: TAN
Shipping Tracking #: —	Condition/Cooler Temp: ____	Date/Time: 3/7/14 1735	Date/Time: 3/7/14 1735	Date/Time: 3/7/14 1736	Date/Time: 3/8/14 8:30

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3/24/2014

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 490-48049-1

Login Number: 48049

List Source: TestAmerica Nashville

List Number: 1

Creator: Huskey, Adam

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