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ENVIRONMENT

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

Subject:
First Quarter 2013 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:
25 April 2013

Contact:
Rusty Kahl

Phone:
410-923-7813

Email:
rusty.kahl@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 2013 at the Former Exxon Station #25553, located at 143 Frederick Road, Thurmont, Maryland.

Please contact Rusty Kahl of ARCADIS at (410) 923-7813 if you have any questions regarding the information contained in this report.

Sincerely,

ARCADIS U.S., Inc.

Sandra Kamas	William R. Kahl, P.G.	Michael Cleary
Geologist II	Project Geologist	Associate Project Manager

Copies:
Ms. Jewel Cox, ExxonMobil

First Quarter 2013 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:	Operation of soil vapor extraction (SVE) remediation system with quarterly groundwater monitoring sampling
Reporting Period:	1 January 2013 through 31 March 2013
Last Report:	Fourth Quarter 2013 Remedial Action Progress Report, November 2012

General Site Information

ExxonMobil Contact:	Ms. Jewel Cox
Consultant Contact:	Mr. Rusty Kahl
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 and 140 Frederick Road, which is currently an active 7-11 gasoline station and truck stop, owned by Premier Associates Group
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

18 – 19 February 2013 – Groundwater Gauging and Sampling

Wells Gauged and Sampled:	MW-5, MW-6, MW-11, MW-13A, MW-14A, MW-37, MW-38, MW-46, MW-48, MW-50, MW-51, MW-53S, MW-53I, MW-53D, MW-54S, MW-54D, MW-55S, MW-55I, MW-55D, VW-1, VW-2, VW-3, MP-1, MP-2, and DPE-1; RW-52 was inaccessible
Wells Gauged Only:	MP-3 was dry, no sample collected
Liquid Phase Hydrocarbon:	None detected
Minimum/Maximum Depth to Water:	2.03 feet (MW-51) / 12.70 feet (MW-54D)
Groundwater Flow Direction:	Southeast

Groundwater samples were collected 18 – 19 February 2013 and submitted to TestAmerica Laboratories of Nashville, Tennessee for analysis of full list volatile organic compounds (VOCs) 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 **Figure 3**. No liquid phase hydrocarbon (LPH) was detected during this reporting period. Quality Assurance/Quality Control (QA/QC) samples collected included daily trip blanks. 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 one or more wells:

- Benzene was detected at concentrations exceeding the MDE GW standard (5 µg/L) in eight samples (MW-13A, MW-14A, MW-53S, MW-55S, MW-55I, MW-55D, DPE-1, and MP-2) with a maximum concentration of 8,490 µg/L in the sample collected from MW-53S.

- Toluene was detected at concentrations exceeding the MDE GW standard (1,000 µg/L) in two samples (MW-53S and DPE-1) with a maximum concentration of 11,900 µg/L in the sample collected from MW-53S.

- Ethylbenzene was detected at concentrations exceeding the MDE GW standard (700 µg/L) in one sample (DPE-1) at a concentration of 2,280 µg/L.

- MTBE was detected at concentrations exceeding the MDE GW standard (20 µg/L) in one sample (MW-53S) at a concentration of 236 µg/L.

- TPH-GRO was detected above the MDE GW standard (47 µg/L) in 14 samples (MW-6, MW-11, MW-13A, MW-14A, MW-38, MW-50, MW-53S, MW-54S, MW-55S, MW-55I, MW-55D, MP-1, MP-2, and DPE-1) with a maximum concentration of 56,400 µg/L in the sample collected from MW-53S.

- TPH-DRO was detected above the MDE GW standard (47 µg/L) in 22 samples (MW-5, MW-6, MW-11, MW-13A, MW-14A, MW-38, MW-46, MW-48, MW-50, MW-51, MW-53S, MW-54S, MW-54D, MW-55S, MW-55I, MW-55D, DPE-1, MP-1, MP-2, VW-1, VW-2, and VW-3) with a maximum concentration of 3,180 µg/L in the sample collected from DPE-1.

Activities Planned for Next Period (Second Quarter 2013)

Activities proposed for the Second Quarter 2013 include quarterly groundwater gauging and sampling to support future remedial action. Groundwater samples will be analyzed for BTEX and MTBE EPA Method 8260B, and TPH-GRO and TPH-DRO using EPA Method 8015.

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 (18-19 February 2013)
Figure 4: Groundwater Elevation Contour Map and Analytical Data – Bedrock (18-19 February 2013)

Appendices

Appendix A: TestAmerica Laboratory Analytical Reports (28 February 2013)

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)**	**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-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	

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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-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
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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-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**	

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**	

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
	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	323.1	<1 [<1]	**527 [562]**	**2,910**	
	2/18/2013	464.13	10.35	ND	ND	453.78	**8.64**	1.88	6.06	<3	16.58	<1	**708**	**353**	

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	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
	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**	

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)**	**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-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)**	**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-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	

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Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
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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)** *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	

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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*	
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**	

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-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	

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-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	

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-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	

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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-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

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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)**	**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	

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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*	
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	

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)**	**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	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**	

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)**	**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	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	

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**	

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-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)**	**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	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	

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)**	**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	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	

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**	

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	12.7	ND	ND	455.14	<1	<1	<1	<3	BRL	<1	**171**	<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-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)**	**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	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**	

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-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**	

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)**	**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	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**	

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

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	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	2.31	<1	**260**	<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)**	**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)**	**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	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**	
	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	

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	

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

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Groundwater Monitoring and Analytical Data
Former Exxon Station #25553
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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*	
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**	
	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**	

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]**	
	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**	

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-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	
	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**	

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

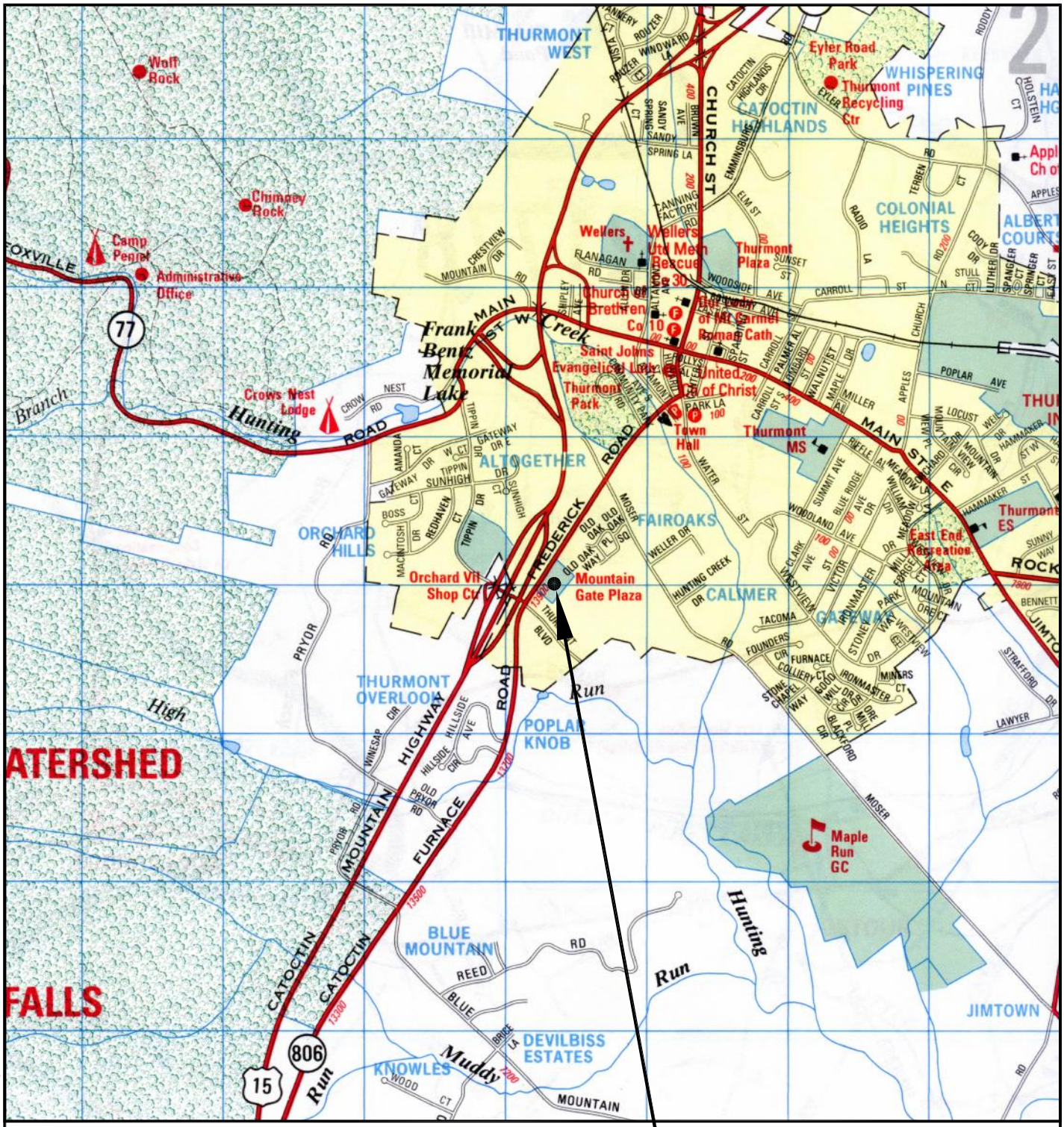
		Gauging Data					Analytical Data								
Well ID	**Date**	**Top of Casing Elevation (feet)**	**Depth to Water (feet)**	**Depth to Hydro-carbon (feet)**	**Hydro-carbon Thickness (feet)**	**Corrected GW Elevation (feet)**	**Benzene (µg/L)**	**Toluene (µg/L)**	**Ethyl-benzene (µg/L)**	**Total Xylenes (µg/L)**	**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-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
	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

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

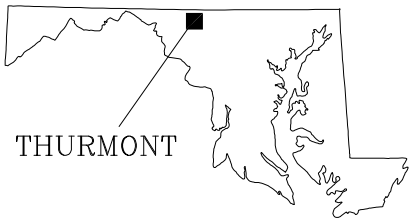
Notes:

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



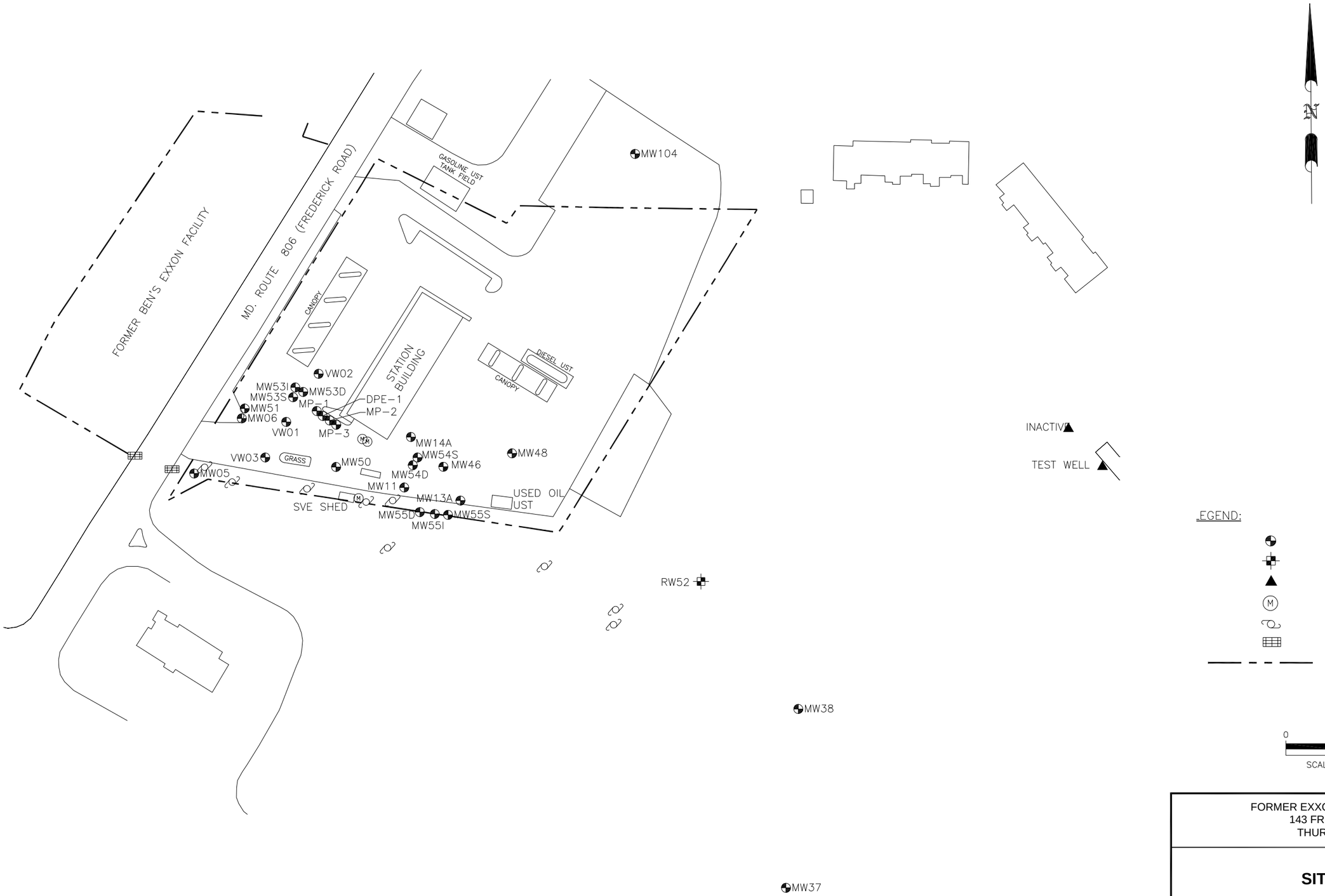
FORMER EXXON FACILITY # 25553
143 FREDERICK RD
THURMONT, MD.

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



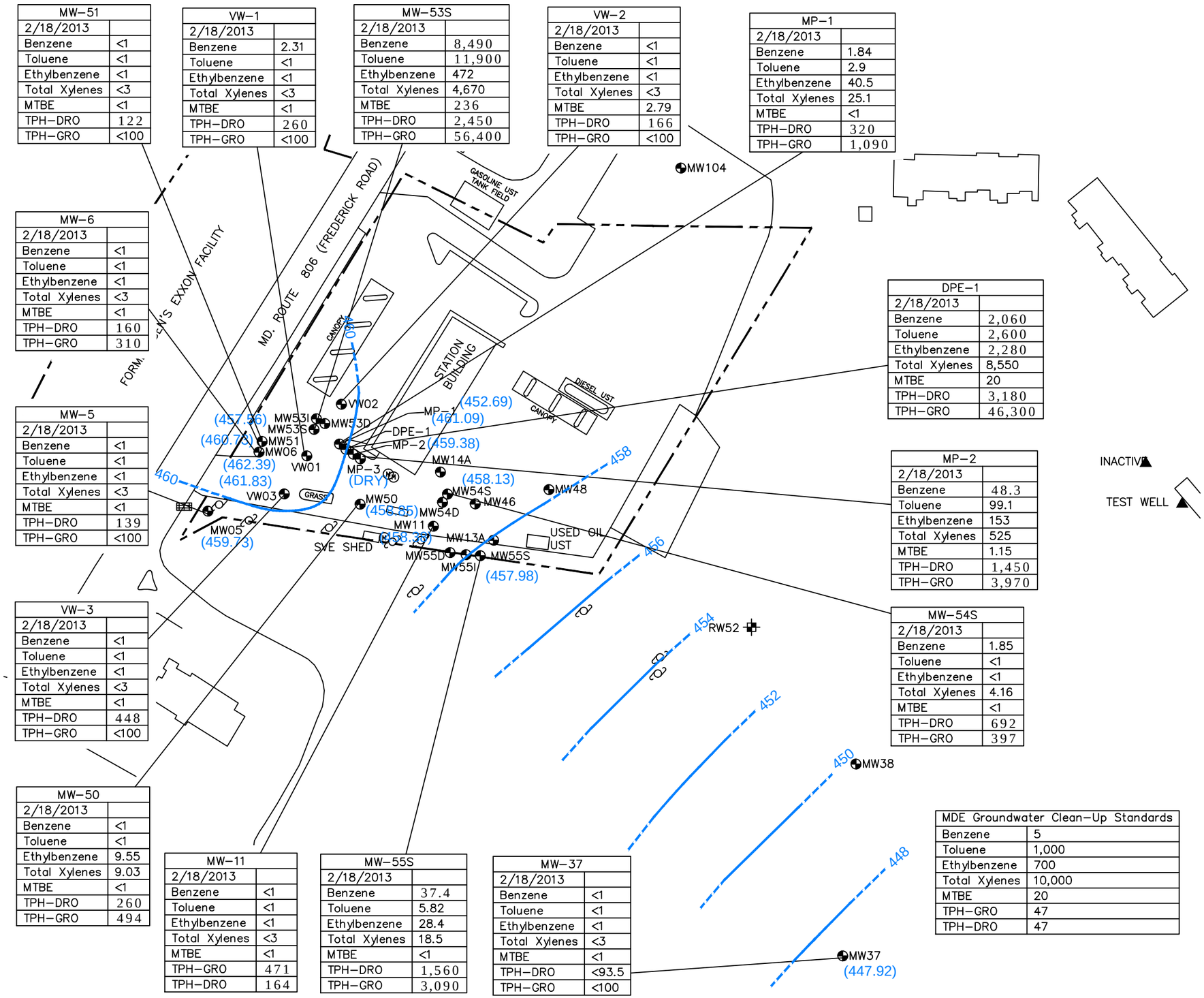
FORMER EXXON FACILITY # 25553
143 FREDERICK RD
THURMONT, MD.

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	
2/18/2013	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	122
TPH-GRO	<100

VW-1	
2/18/2013	
Benzene	2.31
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	260
TPH-GRO	<100

MW-53S	
2/18/2013	
Benzene	8,490
Toluene	11,900
Ethylbenzene	472
Total Xylenes	4,670
MTBE	236
TPH-DRO	2,450
TPH-GRO	56,400

VW-2	
2/18/2013	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	2.79
TPH-DRO	166
TPH-GRO	<100

MP-1	
2/18/2013	
Benzene	1.84
Toluene	2.9
Ethylbenzene	40.5
Total Xylenes	25.1
MTBE	<1
TPH-DRO	320
TPH-GRO	1,090

MW-6	
2/18/2013	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	160
TPH-GRO	310

DPE-1	
2/18/2013	
Benzene	2,060
Toluene	2,600
Ethylbenzene	2,280
Total Xylenes	8,550
MTBE	20
TPH-DRO	3,180
TPH-GRO	46,300

MW-5	
2/18/2013	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	139
TPH-GRO	<100

MP-2	
2/18/2013	
Benzene	48.3
Toluene	99.1
Ethylbenzene	153
Total Xylenes	525
MTBE	1.15
TPH-DRO	1,450
TPH-GRO	3,970

VW-3	
2/18/2013	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	448
TPH-GRO	<100

MW-54S	
2/18/2013	
Benzene	1.85
Toluene	<1
Ethylbenzene	<1
Total Xylenes	4.16
MTBE	<1
TPH-DRO	692
TPH-GRO	397

MW-50	
2/18/2013	
Benzene	<1
Toluene	<1
Ethylbenzene	9.55
Total Xylenes	9.03
MTBE	<1
TPH-DRO	260
TPH-GRO	494

MW-11	
2/18/2013	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-GRO	471
TPH-DRO	164

MW-55S	
2/18/2013	
Benzene	37.4
Toluene	5.82
Ethylbenzene	28.4
Total Xylenes	18.5
MTBE	<1
TPH-DRO	1,560
TPH-GRO	3,090

MW-37	
2/18/2013	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	<93.5
TPH-GRO	<100

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

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)
- (455.38) — GROUND WATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- NM — NOT MEASURED
- INACTIVE
- TEST WELL

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

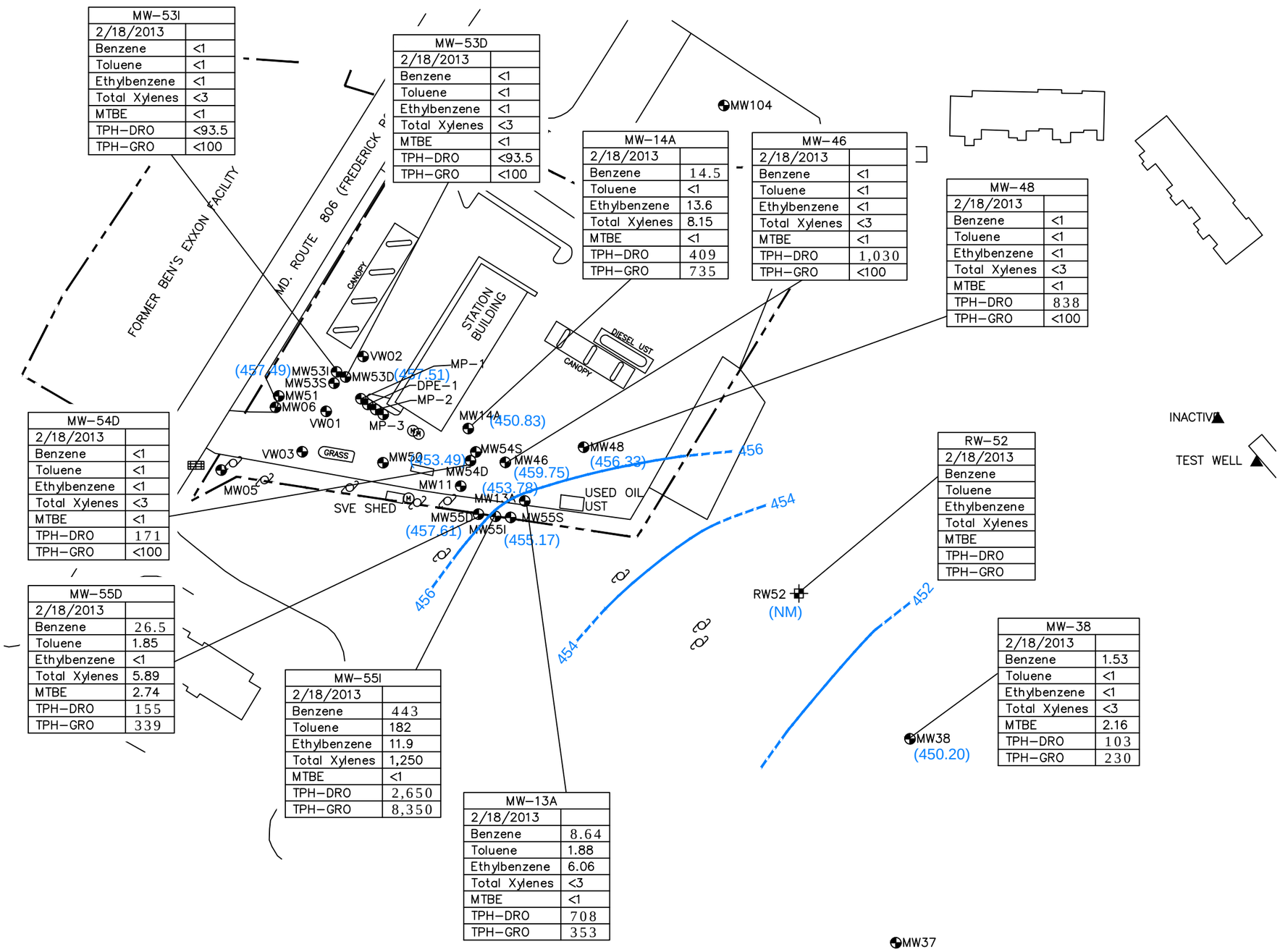
FORMER EXXON FACILITY # 25553
143 FREDERICK RD
THURMONT, MD.

SHALLOW GROUNDWATER ELEVATION CONTOUR MAP AND ANALYTICAL RESULTS 18 AND 19 FEBRUARY 2013

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\00140\0003\DWG\85851_0014_00003_W01-1Q13.dwg LAYOUT: 3 SAVED: 4/10/2013 1:31 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 4/10/2013 1:32 PM BY: ELLIS, LEKOREY



MW-53I	
2/18/2013	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	<93.5
TPH-GRO	<100

MW-53D	
2/18/2013	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	<93.5
TPH-GRO	<100

MW-14A	
2/18/2013	
Benzene	14.5
Toluene	<1
Ethylbenzene	13.6
Total Xylenes	8.15
MTBE	<1
TPH-DRO	409
TPH-GRO	735

MW-46	
2/18/2013	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	1,030
TPH-GRO	<100

MW-48	
2/18/2013	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	838
TPH-GRO	<100

MW-54D	
2/18/2013	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	<1
TPH-DRO	171
TPH-GRO	<100

MW-55D	
2/18/2013	
Benzene	26.5
Toluene	1.85
Ethylbenzene	<1
Total Xylenes	5.89
MTBE	2.74
TPH-DRO	155
TPH-GRO	339

MW-55I	
2/18/2013	
Benzene	443
Toluene	182
Ethylbenzene	11.9
Total Xylenes	1,250
MTBE	<1
TPH-DRO	2,650
TPH-GRO	8,350

MW-13A	
2/18/2013	
Benzene	8.64
Toluene	1.88
Ethylbenzene	6.06
Total Xylenes	<3
MTBE	<1
TPH-DRO	708
TPH-GRO	353

RW-52	
2/18/2013	
Benzene	
Toluene	
Ethylbenzene	
Total Xylenes	
MTBE	
TPH-DRO	
TPH-GRO	

MW-38	
2/18/2013	
Benzene	1.53
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<3
MTBE	2.16
TPH-DRO	103
TPH-GRO	230

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)
- (455.38) GROUND WATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- NM NOT MEASURED

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 18 AND 19 FEBRUARY 2013

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\00140000\03\DWG\85851_0014_00003_W01-1Q13.dwg LAYOUT: 4 SAVED: 4/10/2013 1:31 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 4/10/2013 1:32 PM BY: ELLIS, LEKOREY

Appendix A

TestAmerica Laboratory Analytical Report (28 February 2013)

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: 490-20003-1
TestAmerica SDG: 143 Frederick Rd, Thurmont, MD
Client Project/Site: Exxon Mobil (MD-25553)

For:
ARCADIS U.S., Inc.
1114 Benfield Blvd.
Suite A
Millersville, Maryland 21108

Attn: Mr. Rusty Kahl

Authorized for release by:
2/28/2013 3:43:31 PM
Debra Lavalle
Project Manager I
debra.lavalle@testamericainc.com

Designee for

Jennifer Huckaba
Project Manager I
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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Definitions 5
Client Sample Results 6
QC Sample Results 32
QC Association 39
Chronicle 43
Method Summary 50
Certification Summary 51
Chain of Custody 52
Receipt Checklists 60

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-20003-1	MP-1	Ground Water	02/18/13 14:55	02/20/13 08:20
490-20003-2	MP-2	Ground Water	02/18/13 14:45	02/20/13 08:20
490-20003-3	DPE-1	Ground Water	02/18/13 15:05	02/20/13 08:20
490-20003-4	MW-54S	Ground Water	02/18/13 15:30	02/20/13 08:20
490-20003-5	MW-54D	Ground Water	02/18/13 15:20	02/20/13 08:20
490-20003-6	MW-46	Ground Water	02/18/13 15:45	02/20/13 08:20
490-20003-7	MW-14A	Ground Water	02/18/13 15:55	02/20/13 08:20
490-20003-8	MW-11	Ground Water	02/18/13 16:10	02/20/13 08:20
490-20003-9	MW-55D	Ground Water	02/18/13 16:20	02/20/13 08:20
490-20003-10	MW-55I	Ground Water	02/18/13 16:30	02/20/13 08:20
490-20003-11	MW-55S	Ground Water	02/18/13 16:45	02/20/13 08:20
490-20003-12	MW-5	Ground Water	02/19/13 08:50	02/20/13 08:20
490-20003-13	MW-6	Ground Water	02/19/13 09:10	02/20/13 08:20
490-20003-14	MW-13A	Ground Water	02/19/13 09:50	02/20/13 08:20
490-20003-15	MW-37	Ground Water	02/19/13 11:15	02/20/13 08:20
490-20003-16	MW-38	Ground Water	02/19/13 11:00	02/20/13 08:20
490-20003-17	MW-48	Ground Water	02/19/13 10:15	02/20/13 08:20
490-20003-18	MW-50	Ground Water	02/19/13 09:30	02/20/13 08:20
490-20003-19	MW-51	Ground Water	02/19/13 09:20	02/20/13 08:20
490-20003-20	MW-53D	Ground Water	02/19/13 08:00	02/20/13 08:20
490-20003-21	MW-53I	Ground Water	02/19/13 07:35	02/20/13 08:20
490-20003-22	MW-53S	Ground Water	02/19/13 07:50	02/20/13 08:20
490-20003-23	VW-1	Ground Water	02/19/13 08:15	02/20/13 08:20
490-20003-24	VW-2	Ground Water	02/19/13 08:35	02/20/13 08:20
490-20003-25	VW-3	Ground Water	02/19/13 08:25	02/20/13 08:20
490-20003-26	Trip Blank	Water	02/18/13 00:01	02/20/13 08:20

Job ID: 490-20003-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-20003-1

Comments
No additional comments.

Receipt
The samples were received on 2/20/2013 8:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 5 coolers at receipt time were -0.2º C, 0.6º C, 1.1º C, 2.2º C and 2.6º C.

GC/MS VOA
Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batches 61014, 61166, and 61380.

No other analytical or quality issues were noted.

GC VOA
Method(s) 8015B: Insufficient sample volume was available to perform batch matrix spike/matrix spike duplicate (MS/MSD) associated with batch 60582. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method(s) 8015B: Insufficient sample volume was available to perform batch matrix spike/matrix spike duplicate (MS/MSD) associated with batch 61046. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batches 60126, 60096, and 60974..

Method(s) 8015B: Surrogate recovery for the following sample(s) was outside control limits: MW-46 (490-20003-6). Re-extraction and/or re-analysis was performed with concurring results. The re-analysis has been reported.

Method(s) 8015B: Surrogate recovery for the following sample(s) was outside control limits: MW-13A (490-20003-14). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8015B: Surrogate recovery for the following sample(s) was outside control limits: MW-48 (490-20003-17). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

No other analytical or quality issues were noted.

Qualifiers

GC Semi 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)
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)
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: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MP-1

Date Collected: 02/18/13 14:55
Date Received: 02/20/13 08:20

Lab Sample ID: 490-20003-1

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.84**		1.00		ug/L			02/26/13 13:05	1
Diisopropyl ether	ND		2.00		ug/L			02/26/13 13:05	1
Ethylbenzene	**40.5**		1.00		ug/L			02/26/13 13:05	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 13:05	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/26/13 13:05	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 13:05	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 13:05	1
Toluene	**2.90**		1.00		ug/L			02/26/13 13:05	1
Xylenes, Total	**25.1**		3.00		ug/L			02/26/13 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*02/26/13 13:05*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*02/26/13 13:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*02/26/13 13:05*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/26/13 13:05*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	**1090**		100		ug/L			02/23/13 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*50 - 150*		*02/23/13 00:09*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**320**		93.5		ug/L		02/21/13 09:42	02/22/13 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*88*		*50 - 150*	*02/21/13 09:42*	*02/22/13 22:11*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MP-2

Date Collected: 02/18/13 14:45
Date Received: 02/20/13 08:20

Lab Sample ID: 490-20003-2

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**48.3**		1.00		ug/L			02/26/13 13:36	1
Diisopropyl ether	ND		2.00		ug/L			02/26/13 13:36	1
Ethylbenzene	**153**		1.00		ug/L			02/26/13 13:36	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 13:36	1
Methyl tert-butyl ether	**1.15**		1.00		ug/L			02/26/13 13:36	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 13:36	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 13:36	1
Toluene	**99.1**		1.00		ug/L			02/26/13 13:36	1
Xylenes, Total	**525**		30.0		ug/L			02/27/13 07:42	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*02/26/13 13:36*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*02/27/13 07:42*	*10*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*02/26/13 13:36*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*02/27/13 07:42*	*10*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*02/26/13 13:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*02/27/13 07:42*	*10*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/26/13 13:36*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/27/13 07:42*	*10*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	**3970**		100		ug/L			02/23/13 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*86*		*50 - 150*		*02/23/13 00:39*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1450**		93.5		ug/L		02/21/13 09:42	02/22/13 22:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*57*		*50 - 150*	*02/21/13 09:42*	*02/22/13 22:27*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: DPE-1

Date Collected: 02/18/13 15:05
Date Received: 02/20/13 08:20

Lab Sample ID: 490-20003-3

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2060**		100		ug/L			02/27/13 08:13	100
Diisopropyl ether	**7.88**		2.00		ug/L			02/26/13 14:07	1
Ethylbenzene	**2280**		100		ug/L			02/27/13 08:13	100
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 14:07	1
Methyl tert-butyl ether	**20.0**		1.00		ug/L			02/26/13 14:07	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 14:07	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 14:07	1
Toluene	**2600**		100		ug/L			02/27/13 08:13	100
Xylenes, Total	**8550**		300		ug/L			02/27/13 08:13	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*02/26/13 14:07*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*02/27/13 08:13*	*100*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*02/26/13 14:07*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*02/27/13 08:13*	*100*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*02/26/13 14:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*02/27/13 08:13*	*100*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/26/13 14:07*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/27/13 08:13*	*100*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	**46300**		5000		ug/L			02/26/13 19:45	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*		*02/26/13 19:45*	*50*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**3180**		187		ug/L		02/21/13 09:42	02/24/13 09:33	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*60*		*50 - 150*	*02/21/13 09:42*	*02/24/13 09:33*	*2*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-54S

Lab Sample ID: 490-20003-4

Date Collected: 02/18/13 15:30
Date Received: 02/20/13 08:20

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.85**		1.00		ug/L			02/27/13 05:38	1
Diisopropyl ether	ND		2.00		ug/L			02/27/13 05:38	1
Ethylbenzene	ND		1.00		ug/L			02/27/13 05:38	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/27/13 05:38	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/27/13 05:38	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/27/13 05:38	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/27/13 05:38	1
Toluene	ND		1.00		ug/L			02/27/13 05:38	1
Xylenes, Total	**4.16**		3.00		ug/L			02/27/13 05:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*02/27/13 05:38*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*02/27/13 05:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*02/27/13 05:38*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/27/13 05:38*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	**397**		100		ug/L			02/26/13 10:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*50 - 150*		*02/26/13 10:40*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**692**		93.5		ug/L		02/21/13 09:42	02/22/13 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*73*		*50 - 150*	*02/21/13 09:42*	*02/22/13 23:00*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-54D

Lab Sample ID: 490-20003-5

Date Collected: 02/18/13 15:20
Matrix: Ground Water
Date Received: 02/20/13 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/26/13 15:09	1
Diisopropyl ether	ND		2.00		ug/L			02/26/13 15:09	1
Ethylbenzene	ND		1.00		ug/L			02/26/13 15:09	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 15:09	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/26/13 15:09	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 15:09	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 15:09	1
Toluene	ND		1.00		ug/L			02/26/13 15:09	1
Xylenes, Total	ND		3.00		ug/L			02/26/13 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*		*02/26/13 15:09*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*02/26/13 15:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*02/26/13 15:09*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*02/26/13 15:09*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		100		ug/L			02/23/13 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*		*02/23/13 02:10*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**171**		93.5		ug/L		02/21/13 09:42	02/22/13 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*89*		*50 - 150*	*02/21/13 09:42*	*02/22/13 23:16*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-46

Date Collected: 02/18/13 15:45
Date Received: 02/20/13 08:20

Lab Sample ID: 490-20003-6

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/26/13 15:40	1
Diisopropyl ether	ND		2.00		ug/L			02/26/13 15:40	1
Ethylbenzene	ND		1.00		ug/L			02/26/13 15:40	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 15:40	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/26/13 15:40	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 15:40	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 15:40	1
Toluene	ND		1.00		ug/L			02/26/13 15:40	1
Xylenes, Total	ND		3.00		ug/L			02/26/13 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*02/26/13 15:40*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*02/26/13 15:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*02/26/13 15:40*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/26/13 15:40*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		100		ug/L			02/23/13 06:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*		*02/23/13 06:43*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1030**		93.5		ug/L		02/25/13 15:18	02/27/13 06:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*46*	*X*	*50 - 150*	*02/25/13 15:18*	*02/27/13 06:00*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-14A

Date Collected: 02/18/13 15:55
Date Received: 02/20/13 08:20

Lab Sample ID: 490-20003-7

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**14.5**		1.00		ug/L			02/26/13 16:11	1
Diisopropyl ether	ND		2.00		ug/L			02/26/13 16:11	1
Ethylbenzene	**13.6**		1.00		ug/L			02/26/13 16:11	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 16:11	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/26/13 16:11	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 16:11	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 16:11	1
Toluene	ND		1.00		ug/L			02/26/13 16:11	1
Xylenes, Total	**8.15**		3.00		ug/L			02/26/13 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*02/26/13 16:11*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*02/26/13 16:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*02/26/13 16:11*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/26/13 16:11*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	**735**		100		ug/L			02/23/13 07:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*		*02/23/13 07:13*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**409**		93.5		ug/L		02/21/13 09:42	02/22/13 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*66*		*50 - 150*	*02/21/13 09:42*	*02/22/13 23:49*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-11

Date Collected: 02/18/13 16:10
Date Received: 02/20/13 08:20

Lab Sample ID: 490-20003-8

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/26/13 16:42	1
Diisopropyl ether	ND		2.00		ug/L			02/26/13 16:42	1
Ethylbenzene	ND		1.00		ug/L			02/26/13 16:42	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 16:42	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/26/13 16:42	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 16:42	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 16:42	1
Toluene	ND		1.00		ug/L			02/26/13 16:42	1
Xylenes, Total	ND		3.00		ug/L			02/26/13 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*02/26/13 16:42*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*02/26/13 16:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*02/26/13 16:42*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/26/13 16:42*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	**164**		100		ug/L			02/23/13 07:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*100*		*50 - 150*		*02/23/13 07:43*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**471**		93.5		ug/L		02/21/13 09:42	02/23/13 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*71*		*50 - 150*	*02/21/13 09:42*	*02/23/13 00:05*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-55D

Date Collected: 02/18/13 16:20
Date Received: 02/20/13 08:20

Lab Sample ID: 490-20003-9

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**26.5**		1.00		ug/L			02/26/13 17:13	1
Diisopropyl ether	**10.0**		2.00		ug/L			02/26/13 17:13	1
Ethylbenzene	ND		1.00		ug/L			02/26/13 17:13	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 17:13	1
Methyl tert-butyl ether	**2.74**		1.00		ug/L			02/26/13 17:13	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 17:13	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 17:13	1
Toluene	**1.85**		1.00		ug/L			02/26/13 17:13	1
Xylenes, Total	**5.89**		3.00		ug/L			02/26/13 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*02/26/13 17:13*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*02/26/13 17:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*02/26/13 17:13*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/26/13 17:13*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	**339**		100		ug/L			02/23/13 08:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*		*02/23/13 08:13*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**155**		93.5		ug/L		02/21/13 09:42	02/23/13 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*83*		*50 - 150*	*02/21/13 09:42*	*02/23/13 00:22*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-55I

Date Collected: 02/18/13 16:30
Date Received: 02/20/13 08:20

Lab Sample ID: 490-20003-10

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**443**		20.0		ug/L			02/27/13 11:53	20
Diisopropyl ether	**22.8**		2.00		ug/L			02/26/13 17:44	1
Ethylbenzene	**11.9**		1.00		ug/L			02/26/13 17:44	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 17:44	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/26/13 17:44	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 17:44	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 17:44	1
Toluene	**182**		1.00		ug/L			02/26/13 17:44	1
Xylenes, Total	**1250**		60.0		ug/L			02/27/13 11:53	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*02/26/13 17:44*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*02/27/13 11:53*	*20*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*02/26/13 17:44*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*02/27/13 11:53*	*20*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*02/26/13 17:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*02/27/13 11:53*	*20*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/26/13 17:44*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/27/13 11:53*	*20*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	**8350**		1000		ug/L			02/26/13 19:15	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*50 - 150*		*02/26/13 19:15*	*10*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2650**		93.5		ug/L		02/21/13 09:42	02/23/13 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*55*		*50 - 150*	*02/21/13 09:42*	*02/23/13 00:38*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-55S

Lab Sample ID: 490-20003-11

Date Collected: 02/18/13 16:45
Matrix: Ground Water
Date Received: 02/20/13 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**37.4**		1.00		ug/L			02/26/13 18:15	1
Diisopropyl ether	ND		2.00		ug/L			02/26/13 18:15	1
Ethylbenzene	**28.4**		1.00		ug/L			02/26/13 18:15	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 18:15	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/26/13 18:15	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 18:15	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 18:15	1
Toluene	**5.82**		1.00		ug/L			02/26/13 18:15	1
Xylenes, Total	**18.5**		3.00		ug/L			02/26/13 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*02/26/13 18:15*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*02/26/13 18:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*02/26/13 18:15*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/26/13 18:15*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	**3090**		100		ug/L			02/23/13 09:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*		*02/23/13 09:14*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1560**		93.5		ug/L		02/21/13 09:42	02/23/13 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*71*		*50 - 150*	*02/21/13 09:42*	*02/23/13 00:55*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-5

Date Collected: 02/19/13 08:50
Date Received: 02/20/13 08:20

Lab Sample ID: 490-20003-12

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/26/13 18:46	1
Diisopropyl ether	ND		2.00		ug/L			02/26/13 18:46	1
Ethylbenzene	ND		1.00		ug/L			02/26/13 18:46	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 18:46	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/26/13 18:46	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 18:46	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 18:46	1
Toluene	ND		1.00		ug/L			02/26/13 18:46	1
Xylenes, Total	ND		3.00		ug/L			02/26/13 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*02/26/13 18:46*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*02/26/13 18:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*02/26/13 18:46*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*02/26/13 18:46*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		100		ug/L			02/23/13 09:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*		*02/23/13 09:44*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**139**		93.5		ug/L		02/21/13 09:42	02/23/13 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*78*		*50 - 150*	*02/21/13 09:42*	*02/23/13 01:11*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-6

Date Collected: 02/19/13 09:10
Date Received: 02/20/13 08:20

Lab Sample ID: 490-20003-13

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/26/13 19:17	1
Diisopropyl ether	ND		2.00		ug/L			02/26/13 19:17	1
Ethylbenzene	ND		1.00		ug/L			02/26/13 19:17	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 19:17	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/26/13 19:17	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 19:17	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 19:17	1
Toluene	ND		1.00		ug/L			02/26/13 19:17	1
Xylenes, Total	ND		3.00		ug/L			02/26/13 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*02/26/13 19:17*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*02/26/13 19:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*02/26/13 19:17*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/26/13 19:17*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	**310**		100		ug/L			02/23/13 10:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*		*02/23/13 10:14*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**160**		93.5		ug/L		02/21/13 09:42	02/23/13 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*62*		*50 - 150*	*02/21/13 09:42*	*02/23/13 01:27*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-13A

Date Collected: 02/19/13 09:50
Date Received: 02/20/13 08:20

Lab Sample ID: 490-20003-14

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**8.64**		1.00		ug/L			02/27/13 06:09	1
Diisopropyl ether	ND		2.00		ug/L			02/27/13 06:09	1
Ethylbenzene	**6.06**		1.00		ug/L			02/27/13 06:09	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/27/13 06:09	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/27/13 06:09	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/27/13 06:09	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/27/13 06:09	1
Toluene	**1.88**		1.00		ug/L			02/27/13 06:09	1
Xylenes, Total	ND		3.00		ug/L			02/27/13 06:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*02/27/13 06:09*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*02/27/13 06:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*02/27/13 06:09*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/27/13 06:09*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	**353**		100		ug/L			02/23/13 10:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*		*02/23/13 10:45*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**708**		93.5		ug/L		02/21/13 09:42	02/23/13 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*49*	*X*	*50 - 150*	*02/21/13 09:42*	*02/23/13 01:43*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-37

Date Collected: 02/19/13 11:15
Date Received: 02/20/13 08:20

Lab Sample ID: 490-20003-15

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/26/13 23:26	1
Diisopropyl ether	ND		2.00		ug/L			02/26/13 23:26	1
Ethylbenzene	ND		1.00		ug/L			02/26/13 23:26	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 23:26	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/26/13 23:26	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 23:26	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 23:26	1
Toluene	ND		1.00		ug/L			02/26/13 23:26	1
Xylenes, Total	ND		3.00		ug/L			02/26/13 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*02/26/13 23:26*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*02/26/13 23:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*02/26/13 23:26*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/26/13 23:26*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		100		ug/L			02/23/13 11:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*		*02/23/13 11:15*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		93.5		ug/L		02/21/13 09:42	02/23/13 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*83*		*50 - 150*	*02/21/13 09:42*	*02/23/13 02:00*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-38

Date Collected: 02/19/13 11:00
Date Received: 02/20/13 08:20

Lab Sample ID: 490-20003-16

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.53**		1.00		ug/L			02/26/13 23:57	1
Diisopropyl ether	ND		2.00		ug/L			02/26/13 23:57	1
Ethylbenzene	ND		1.00		ug/L			02/26/13 23:57	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 23:57	1
Methyl tert-butyl ether	**2.16**		1.00		ug/L			02/26/13 23:57	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 23:57	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 23:57	1
Toluene	ND		1.00		ug/L			02/26/13 23:57	1
Xylenes, Total	ND		3.00		ug/L			02/26/13 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*02/26/13 23:57*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*02/26/13 23:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*02/26/13 23:57*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/26/13 23:57*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	**230**		100		ug/L			02/23/13 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*102*		*50 - 150*		*02/23/13 11:45*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**103**		93.5		ug/L		02/21/13 09:42	02/23/13 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*89*		*50 - 150*	*02/21/13 09:42*	*02/23/13 02:16*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-48

Lab Sample ID: 490-20003-17

Date Collected: 02/19/13 10:15
Matrix: Ground Water
Date Received: 02/20/13 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/27/13 00:28	1
Diisopropyl ether	ND		2.00		ug/L			02/27/13 00:28	1
Ethylbenzene	ND		1.00		ug/L			02/27/13 00:28	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/27/13 00:28	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/27/13 00:28	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/27/13 00:28	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/27/13 00:28	1
Toluene	ND		1.00		ug/L			02/27/13 00:28	1
Xylenes, Total	ND		3.00		ug/L			02/27/13 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*02/27/13 00:28*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*02/27/13 00:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*02/27/13 00:28*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/27/13 00:28*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		100		ug/L			02/23/13 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*		*02/23/13 12:15*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**838**		93.5		ug/L		02/21/13 09:42	02/23/13 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*34*	*X*	*50 - 150*	*02/21/13 09:42*	*02/23/13 02:32*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-50

Lab Sample ID: 490-20003-18

Date Collected: 02/19/13 09:30
Matrix: Ground Water
Date Received: 02/20/13 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/27/13 00:59	1
Diisopropyl ether	ND		2.00		ug/L			02/27/13 00:59	1
Ethylbenzene	**9.55**		1.00		ug/L			02/27/13 00:59	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/27/13 00:59	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/27/13 00:59	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/27/13 00:59	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/27/13 00:59	1
Toluene	ND		1.00		ug/L			02/27/13 00:59	1
Xylenes, Total	**9.03**		3.00		ug/L			02/27/13 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*02/27/13 00:59*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*02/27/13 00:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*02/27/13 00:59*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/27/13 00:59*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	**494**		100		ug/L			02/23/13 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*		*02/23/13 12:46*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**260**		93.5		ug/L		02/25/13 15:18	02/27/13 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*69*		*50 - 150*	*02/25/13 15:18*	*02/27/13 06:49*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-51

Date Collected: 02/19/13 09:20
Date Received: 02/20/13 08:20

Lab Sample ID: 490-20003-19

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/27/13 01:30	1
Diisopropyl ether	ND		2.00		ug/L			02/27/13 01:30	1
Ethylbenzene	ND		1.00		ug/L			02/27/13 01:30	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/27/13 01:30	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/27/13 01:30	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/27/13 01:30	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/27/13 01:30	1
Toluene	ND		1.00		ug/L			02/27/13 01:30	1
Xylenes, Total	ND		3.00		ug/L			02/27/13 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*02/27/13 01:30*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*02/27/13 01:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*02/27/13 01:30*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/27/13 01:30*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		100		ug/L			02/23/13 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*		*02/23/13 13:16*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**122**		93.5		ug/L		02/25/13 15:18	02/27/13 07:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*93*		*50 - 150*	*02/25/13 15:18*	*02/27/13 07:05*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-53D

Lab Sample ID: 490-20003-20

Date Collected: 02/19/13 08:00
Matrix: Ground Water
Date Received: 02/20/13 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/27/13 02:01	1
Diisopropyl ether	ND		2.00		ug/L			02/27/13 02:01	1
Ethylbenzene	ND		1.00		ug/L			02/27/13 02:01	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/27/13 02:01	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/27/13 02:01	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/27/13 02:01	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/27/13 02:01	1
Toluene	ND		1.00		ug/L			02/27/13 02:01	1
Xylenes, Total	ND		3.00		ug/L			02/27/13 02:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*02/27/13 02:01*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*02/27/13 02:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*02/27/13 02:01*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/27/13 02:01*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		100		ug/L			02/23/13 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*		*02/23/13 13:46*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		93.5		ug/L		02/21/13 10:36	02/21/13 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*76*		*50 - 150*	*02/21/13 10:36*	*02/21/13 23:01*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-53I

Lab Sample ID: 490-20003-21

Date Collected: 02/19/13 07:35
Date Received: 02/20/13 08:20

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/27/13 02:32	1
Diisopropyl ether	ND		2.00		ug/L			02/27/13 02:32	1
Ethylbenzene	ND		1.00		ug/L			02/27/13 02:32	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/27/13 02:32	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/27/13 02:32	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/27/13 02:32	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/27/13 02:32	1
Toluene	ND		1.00		ug/L			02/27/13 02:32	1
Xylenes, Total	ND		3.00		ug/L			02/27/13 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*02/27/13 02:32*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*02/27/13 02:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*02/27/13 02:32*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/27/13 02:32*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		100		ug/L			02/23/13 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*		*02/23/13 14:17*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		93.5		ug/L		02/21/13 10:36	02/22/13 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*75*		*50 - 150*	*02/21/13 10:36*	*02/22/13 19:09*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-53S

Lab Sample ID: 490-20003-22

Date Collected: 02/19/13 07:50
Matrix: Ground Water
Date Received: 02/20/13 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**8490**		100		ug/L			02/27/13 12:24	100
Diisopropyl ether	**18.3**		2.00		ug/L			02/27/13 03:03	1
Ethylbenzene	**472**		100		ug/L			02/27/13 12:24	100
Ethyl tert-butyl ether	ND		1.00		ug/L			02/27/13 03:03	1
Methyl tert-butyl ether	**236**		100		ug/L			02/27/13 12:24	100
Tert-amyl methyl ether	ND		1.00		ug/L			02/27/13 03:03	1
tert-Butyl alcohol (TBA)	**1280**		10.0		ug/L			02/27/13 03:03	1
Toluene	**11900**		100		ug/L			02/27/13 12:24	100
Xylenes, Total	**4670**		300		ug/L			02/27/13 12:24	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*02/27/13 03:03*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*02/27/13 12:24*	*100*
Dibromofluoromethane (Surr)	*120*		*70 - 130*		*02/27/13 03:03*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*02/27/13 12:24*	*100*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*		*02/27/13 03:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*02/27/13 12:24*	*100*
Toluene-d8 (Surr)	*107*		*70 - 130*		*02/27/13 03:03*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/27/13 12:24*	*100*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	**56400**		5000		ug/L			02/26/13 20:16	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*98*		*50 - 150*		*02/26/13 20:16*	*50*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2450**		187		ug/L		02/21/13 10:36	02/22/13 19:26	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*71*		*50 - 150*	*02/21/13 10:36*	*02/22/13 19:26*	*2*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: VW-1

Lab Sample ID: 490-20003-23

Date Collected: 02/19/13 08:15
Matrix: Ground Water
Date Received: 02/20/13 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2.31**		1.00		ug/L			02/27/13 06:40	1
Diisopropyl ether	ND		2.00		ug/L			02/27/13 06:40	1
Ethylbenzene	ND		1.00		ug/L			02/27/13 06:40	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/27/13 06:40	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/27/13 06:40	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/27/13 06:40	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/27/13 06:40	1
Toluene	ND		1.00		ug/L			02/27/13 06:40	1
Xylenes, Total	ND		3.00		ug/L			02/27/13 06:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*02/27/13 06:40*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*02/27/13 06:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*02/27/13 06:40*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/27/13 06:40*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		100		ug/L			02/23/13 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*78*		*50 - 150*		*02/23/13 15:17*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**260**		93.5		ug/L		02/21/13 10:36	02/22/13 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*70*		*50 - 150*	*02/21/13 10:36*	*02/22/13 19:42*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: VW-2

Lab Sample ID: 490-20003-24

Date Collected: 02/19/13 08:35
Matrix: Ground Water
Date Received: 02/20/13 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/27/13 07:11	1
Diisopropyl ether	**4.53**		2.00		ug/L			02/27/13 07:11	1
Ethylbenzene	ND		1.00		ug/L			02/27/13 07:11	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/27/13 07:11	1
Methyl tert-butyl ether	**2.79**		1.00		ug/L			02/27/13 07:11	1
Tert-amyl methyl ether	**2.02**		1.00		ug/L			02/27/13 07:11	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/27/13 07:11	1
Toluene	ND		1.00		ug/L			02/27/13 07:11	1
Xylenes, Total	ND		3.00		ug/L			02/27/13 07:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*02/27/13 07:11*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*02/27/13 07:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*02/27/13 07:11*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/27/13 07:11*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		100		ug/L			02/23/13 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*86*		*50 - 150*		*02/23/13 15:48*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**166**		93.5		ug/L		02/21/13 10:36	02/22/13 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*89*		*50 - 150*	*02/21/13 10:36*	*02/22/13 19:59*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: VW-3

Lab Sample ID: 490-20003-25

Date Collected: 02/19/13 08:25
Date Received: 02/20/13 08:20

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/27/13 04:36	1
Diisopropyl ether	ND		2.00		ug/L			02/27/13 04:36	1
Ethylbenzene	ND		1.00		ug/L			02/27/13 04:36	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/27/13 04:36	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/27/13 04:36	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/27/13 04:36	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/27/13 04:36	1
Toluene	ND		1.00		ug/L			02/27/13 04:36	1
Xylenes, Total	ND		3.00		ug/L			02/27/13 04:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*02/27/13 04:36*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*02/27/13 04:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*02/27/13 04:36*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/27/13 04:36*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		100		ug/L			02/23/13 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*		*02/23/13 16:18*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**448**		93.5		ug/L		02/21/13 10:36	02/22/13 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*91*		*50 - 150*	*02/21/13 10:36*	*02/22/13 20:15*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: Trip Blank

Lab Sample ID: 490-20003-26

Date Collected: 02/18/13 00:01

Matrix: Water

Date Received: 02/20/13 08:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/27/13 05:07	1
Diisopropyl ether	ND		2.00		ug/L			02/27/13 05:07	1
Ethylbenzene	ND		1.00		ug/L			02/27/13 05:07	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/27/13 05:07	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/27/13 05:07	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/27/13 05:07	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/27/13 05:07	1
Toluene	ND		1.00		ug/L			02/27/13 05:07	1
Xylenes, Total	ND		3.00		ug/L			02/27/13 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*02/27/13 05:07*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*02/27/13 05:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*02/27/13 05:07*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/27/13 05:07*	*1*

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

Lab Sample ID: MB 490-61014/6 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61014

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/26/13 09:58	1
Diisopropyl ether	ND		2.00		ug/L			02/26/13 09:58	1
Ethylbenzene	ND		1.00		ug/L			02/26/13 09:58	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 09:58	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/26/13 09:58	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 09:58	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 09:58	1
Toluene	ND		1.00		ug/L			02/26/13 09:58	1
Xylenes, Total	ND		3.00		ug/L			02/26/13 09:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*02/26/13 09:58*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*02/26/13 09:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*02/26/13 09:58*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/26/13 09:58*	*1*

Lab Sample ID: LCS 490-61014/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61014

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	53.48		ug/L		107	80 - 121
Diisopropyl ether	50.0	48.64		ug/L		97	61 - 142
Ethylbenzene	50.0	52.94		ug/L		106	80 - 130
Ethyl tert-butyl ether	50.0	41.31		ug/L		83	63 - 135
Methyl tert-butyl ether	50.0	38.75		ug/L		78	72 - 133
Tert-amyl methyl ether	50.0	39.09		ug/L		78	63 - 135
tert-Butyl alcohol (TBA)	500	450.6		ug/L		90	54 - 150
Toluene	50.0	52.98		ug/L		106	80 - 126
Xylenes, Total	150	152.7		ug/L		102	80 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 490-61014/4 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61014

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	54.23		ug/L		108	80 - 121	1	17
Diisopropyl ether	50.0	49.10		ug/L		98	61 - 142	1	50
Ethylbenzene	50.0	53.04		ug/L		106	80 - 130	0	15
Ethyl tert-butyl ether	50.0	41.86		ug/L		84	63 - 135	1	19
Methyl tert-butyl ether	50.0	39.96		ug/L		80	72 - 133	3	16

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

Lab Sample ID: LCSD 490-61014/4 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61014

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tert-amyl methyl ether	50.0	41.84		ug/L		84	63 - 135	7	15
tert-Butyl alcohol (TBA)	500	467.4		ug/L		93	54 - 150	4	32
Toluene	50.0	53.07		ug/L		106	80 - 126	0	15
Xylenes, Total	150	151.8		ug/L		101	80 - 132	1	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 490-61166/6 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61166

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/26/13 22:55	1
Diisopropyl ether	ND		2.00		ug/L			02/26/13 22:55	1
Ethylbenzene	ND		1.00		ug/L			02/26/13 22:55	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/26/13 22:55	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/26/13 22:55	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/26/13 22:55	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/26/13 22:55	1
Toluene	ND		1.00		ug/L			02/26/13 22:55	1
Xylenes, Total	ND		3.00		ug/L			02/26/13 22:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*02/26/13 22:55*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*02/26/13 22:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*02/26/13 22:55*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/26/13 22:55*	*1*

Lab Sample ID: LCS 490-61166/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61166

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	55.40		ug/L		111	80 - 121
Diisopropyl ether	50.0	51.20		ug/L		102	61 - 142
Ethylbenzene	50.0	53.71		ug/L		107	80 - 130
Ethyl tert-butyl ether	50.0	44.16		ug/L		88	63 - 135
Methyl tert-butyl ether	50.0	42.12		ug/L		84	72 - 133
Tert-amyl methyl ether	50.0	41.70		ug/L		83	63 - 135
tert-Butyl alcohol (TBA)	500	494.4		ug/L		99	54 - 150
Toluene	50.0	54.09		ug/L		108	80 - 126
Xylenes, Total	150	155.8		ug/L		104	80 - 132

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

Lab Sample ID: LCS 490-61166/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61166

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: LCSD 490-61166/4 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61166

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	53.67		ug/L		107	80 - 121	3	17
Diisopropyl ether	50.0	49.15		ug/L		98	61 - 142	4	50
Ethylbenzene	50.0	51.90		ug/L		104	80 - 130	3	15
Ethyl tert-butyl ether	50.0	43.08		ug/L		86	63 - 135	2	19
Methyl tert-butyl ether	50.0	40.84		ug/L		82	72 - 133	3	16
Tert-amyl methyl ether	50.0	40.82		ug/L		82	63 - 135	2	15
tert-Butyl alcohol (TBA)	500	475.0		ug/L		95	54 - 150	4	32
Toluene	50.0	52.35		ug/L		105	80 - 126	3	15
Xylenes, Total	150	150.2		ug/L		100	80 - 132	4	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: MB 490-61380/6 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61380

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.00		ug/L			02/27/13 11:22	1
Diisopropyl ether	ND		2.00		ug/L			02/27/13 11:22	1
Ethylbenzene	ND		1.00		ug/L			02/27/13 11:22	1
Ethyl tert-butyl ether	ND		1.00		ug/L			02/27/13 11:22	1
Methyl tert-butyl ether	ND		1.00		ug/L			02/27/13 11:22	1
Tert-amyl methyl ether	ND		1.00		ug/L			02/27/13 11:22	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			02/27/13 11:22	1
Toluene	ND		1.00		ug/L			02/27/13 11:22	1
Xylenes, Total	ND		3.00		ug/L			02/27/13 11:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130		02/27/13 11:22	1
Dibromofluoromethane (Surr)	103		70 - 130		02/27/13 11:22	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 130		02/27/13 11:22	1
Toluene-d8 (Surr)	103		70 - 130		02/27/13 11:22	1

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

Lab Sample ID: LCS 490-61380/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61380

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	53.73		ug/L		107	80 - 121
Diisopropyl ether	50.0	49.53		ug/L		99	61 - 142
Ethylbenzene	50.0	51.89		ug/L		104	80 - 130
Ethyl tert-butyl ether	50.0	42.77		ug/L		86	63 - 135
Methyl tert-butyl ether	50.0	41.13		ug/L		82	72 - 133
Tert-amyl methyl ether	50.0	40.63		ug/L		81	63 - 135
tert-Butyl alcohol (TBA)	500	486.6		ug/L		97	54 - 150
Toluene	50.0	52.67		ug/L		105	80 - 126
Xylenes, Total	150	150.0		ug/L		100	80 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 490-61380/4 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61380

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	53.76		ug/L		108	80 - 121	0	17
Diisopropyl ether	50.0	50.08		ug/L		100	61 - 142	1	50
Ethylbenzene	50.0	53.09		ug/L		106	80 - 130	2	15
Ethyl tert-butyl ether	50.0	42.56		ug/L		85	63 - 135	0	19
Methyl tert-butyl ether	50.0	41.50		ug/L		83	72 - 133	1	16
Tert-amyl methyl ether	50.0	40.18		ug/L		80	63 - 135	1	15
tert-Butyl alcohol (TBA)	500	494.6		ug/L		99	54 - 150	2	32
Toluene	50.0	53.22		ug/L		106	80 - 126	1	15
Xylenes, Total	150	154.2		ug/L		103	80 - 132	3	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 490-60582/25 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60582

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		100		ug/L			02/23/13 06:12	1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: MB 490-60582/25 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60582

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	95		50 - 150		02/23/13 06:12	1

Lab Sample ID: MB 490-60582/7 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60582

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		100		ug/L			02/22/13 21:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	96		50 - 150		02/22/13 21:07	1

Lab Sample ID: LCS 490-60582/23 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60582

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C6-C10			1000	1001		ug/L		100	66 - 140		

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

Lab Sample ID: LCS 490-60582/5 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60582

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C6-C10			1000	1054		ug/L		105	66 - 140		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene	78		50 - 150

Lab Sample ID: LCSD 490-60582/24 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60582

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C10			1000	986.0		ug/L		99	66 - 140	2	42

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
a,a,a-Trifluorotoluene	80		50 - 150

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 490-60582/6 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60582

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C10			1000	1033		ug/L		103	66 - 140	2	42

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*79*		*50 - 150*

Lab Sample ID: MB 490-61046/6 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61046

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6-C10	ND		100		ug/L			02/26/13 10:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*		*02/26/13 10:10*	*1*

Lab Sample ID: LCS 490-61046/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61046

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C6-C10			1000	1046		ug/L		105	66 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*79*		*50 - 150*

Lab Sample ID: LCSD 490-61046/5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61046

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C6-C10			1000	1014		ug/L		101	66 - 140	3	42

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*77*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-60096/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60768 — **Prep Batch: 60096**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		100		ug/L		02/21/13 09:42	02/24/13 09:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*91*		*50 - 150*	*02/21/13 09:42*	*02/24/13 09:17*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 490-60096/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60512 — **Prep Batch: 60096**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1000	860.3		ug/L		86	46 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*87*		*50 - 150*

Lab Sample ID: MB 490-60126/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60157 — **Prep Batch: 60126**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		100		ug/L		02/21/13 10:36	02/21/13 21:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*100*		*50 - 150*	*02/21/13 10:36*	*02/21/13 21:56*	*1*

Lab Sample ID: LCS 490-60126/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 60157 — **Prep Batch: 60126**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1000	1009		ug/L		101	46 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*108*		*50 - 150*

Lab Sample ID: MB 490-60974/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61121 — **Prep Batch: 60974**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		100		ug/L		02/25/13 15:18	02/27/13 05:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*89*		*50 - 150*	*02/25/13 15:18*	*02/27/13 05:28*	*1*

Lab Sample ID: LCS 490-60974/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 61121 — **Prep Batch: 60974**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1000	856.1		ug/L		86	46 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*100*		*50 - 150*

GC/MS VOA

Analysis Batch: 61014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-20003-1	MP-1	Total/NA	Ground Water	8260B	
490-20003-2	MP-2	Total/NA	Ground Water	8260B	
490-20003-3	DPE-1	Total/NA	Ground Water	8260B	
490-20003-5	MW-54D	Total/NA	Ground Water	8260B	
490-20003-6	MW-46	Total/NA	Ground Water	8260B	
490-20003-7	MW-14A	Total/NA	Ground Water	8260B	
490-20003-8	MW-11	Total/NA	Ground Water	8260B	
490-20003-9	MW-55D	Total/NA	Ground Water	8260B	
490-20003-10	MW-55I	Total/NA	Ground Water	8260B	
490-20003-11	MW-55S	Total/NA	Ground Water	8260B	
490-20003-12	MW-5	Total/NA	Ground Water	8260B	
490-20003-13	MW-6	Total/NA	Ground Water	8260B	
LCS 490-61014/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-61014/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-61014/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 61166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-20003-2	MP-2	Total/NA	Ground Water	8260B	
490-20003-3	DPE-1	Total/NA	Ground Water	8260B	
490-20003-4	MW-54S	Total/NA	Ground Water	8260B	
490-20003-14	MW-13A	Total/NA	Ground Water	8260B	
490-20003-15	MW-37	Total/NA	Ground Water	8260B	
490-20003-16	MW-38	Total/NA	Ground Water	8260B	
490-20003-17	MW-48	Total/NA	Ground Water	8260B	
490-20003-18	MW-50	Total/NA	Ground Water	8260B	
490-20003-19	MW-51	Total/NA	Ground Water	8260B	
490-20003-20	MW-53D	Total/NA	Ground Water	8260B	
490-20003-21	MW-53I	Total/NA	Ground Water	8260B	
490-20003-22	MW-53S	Total/NA	Ground Water	8260B	
490-20003-23	VW-1	Total/NA	Ground Water	8260B	
490-20003-24	VW-2	Total/NA	Ground Water	8260B	
490-20003-25	VW-3	Total/NA	Ground Water	8260B	
490-20003-26	Trip Blank	Total/NA	Water	8260B	
LCS 490-61166/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-61166/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-61166/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 61380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-20003-10	MW-55I	Total/NA	Ground Water	8260B	
490-20003-22	MW-53S	Total/NA	Ground Water	8260B	
LCS 490-61380/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-61380/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-61380/6	Method Blank	Total/NA	Water	8260B	

QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

GC VOA

Analysis Batch: 60582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-20003-1	MP-1	Total/NA	Ground Water	8015B	
490-20003-2	MP-2	Total/NA	Ground Water	8015B	
490-20003-5	MW-54D	Total/NA	Ground Water	8015B	
490-20003-6	MW-46	Total/NA	Ground Water	8015B	
490-20003-7	MW-14A	Total/NA	Ground Water	8015B	
490-20003-8	MW-11	Total/NA	Ground Water	8015B	
490-20003-9	MW-55D	Total/NA	Ground Water	8015B	
490-20003-11	MW-55S	Total/NA	Ground Water	8015B	
490-20003-12	MW-5	Total/NA	Ground Water	8015B	
490-20003-13	MW-6	Total/NA	Ground Water	8015B	
490-20003-14	MW-13A	Total/NA	Ground Water	8015B	
490-20003-15	MW-37	Total/NA	Ground Water	8015B	
490-20003-16	MW-38	Total/NA	Ground Water	8015B	
490-20003-17	MW-48	Total/NA	Ground Water	8015B	
490-20003-18	MW-50	Total/NA	Ground Water	8015B	
490-20003-19	MW-51	Total/NA	Ground Water	8015B	
490-20003-20	MW-53D	Total/NA	Ground Water	8015B	
490-20003-21	MW-53I	Total/NA	Ground Water	8015B	
490-20003-23	VW-1	Total/NA	Ground Water	8015B	
490-20003-24	VW-2	Total/NA	Ground Water	8015B	
490-20003-25	VW-3	Total/NA	Ground Water	8015B	
LCS 490-60582/23	Lab Control Sample	Total/NA	Water	8015B	
LCS 490-60582/5	Lab Control Sample	Total/NA	Water	8015B	
LCSD 490-60582/24	Lab Control Sample Dup	Total/NA	Water	8015B	
LCSD 490-60582/6	Lab Control Sample Dup	Total/NA	Water	8015B	
MB 490-60582/25	Method Blank	Total/NA	Water	8015B	
MB 490-60582/7	Method Blank	Total/NA	Water	8015B	

Analysis Batch: 61046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-20003-3	DPE-1	Total/NA	Ground Water	8015B	
490-20003-4	MW-54S	Total/NA	Ground Water	8015B	
490-20003-10	MW-55I	Total/NA	Ground Water	8015B	
490-20003-22	MW-53S	Total/NA	Ground Water	8015B	
LCS 490-61046/4	Lab Control Sample	Total/NA	Water	8015B	
LCSD 490-61046/5	Lab Control Sample Dup	Total/NA	Water	8015B	
MB 490-61046/6	Method Blank	Total/NA	Water	8015B	

GC Semi VOA

Prep Batch: 60096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-20003-1	MP-1	Total/NA	Ground Water	3510C	
490-20003-2	MP-2	Total/NA	Ground Water	3510C	
490-20003-3	DPE-1	Total/NA	Ground Water	3510C	
490-20003-4	MW-54S	Total/NA	Ground Water	3510C	
490-20003-5	MW-54D	Total/NA	Ground Water	3510C	
490-20003-7	MW-14A	Total/NA	Ground Water	3510C	
490-20003-8	MW-11	Total/NA	Ground Water	3510C	
490-20003-9	MW-55D	Total/NA	Ground Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 60096 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-20003-10	MW-55I	Total/NA	Ground Water	3510C	
490-20003-11	MW-55S	Total/NA	Ground Water	3510C	
490-20003-12	MW-5	Total/NA	Ground Water	3510C	
490-20003-13	MW-6	Total/NA	Ground Water	3510C	
490-20003-14	MW-13A	Total/NA	Ground Water	3510C	
490-20003-15	MW-37	Total/NA	Ground Water	3510C	
490-20003-16	MW-38	Total/NA	Ground Water	3510C	
490-20003-17	MW-48	Total/NA	Ground Water	3510C	
LCS 490-60096/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 490-60096/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 60126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-20003-20	MW-53D	Total/NA	Ground Water	3510C	
490-20003-21	MW-53I	Total/NA	Ground Water	3510C	
490-20003-22	MW-53S	Total/NA	Ground Water	3510C	
490-20003-23	VW-1	Total/NA	Ground Water	3510C	
490-20003-24	VW-2	Total/NA	Ground Water	3510C	
490-20003-25	VW-3	Total/NA	Ground Water	3510C	
LCS 490-60126/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 490-60126/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 60157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-20003-20	MW-53D	Total/NA	Ground Water	8015B	60126
LCS 490-60126/2-A	Lab Control Sample	Total/NA	Water	8015B	60126
MB 490-60126/1-A	Method Blank	Total/NA	Water	8015B	60126

Analysis Batch: 60512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-20003-1	MP-1	Total/NA	Ground Water	8015B	60096
490-20003-2	MP-2	Total/NA	Ground Water	8015B	60096
490-20003-4	MW-54S	Total/NA	Ground Water	8015B	60096
490-20003-5	MW-54D	Total/NA	Ground Water	8015B	60096
490-20003-7	MW-14A	Total/NA	Ground Water	8015B	60096
490-20003-8	MW-11	Total/NA	Ground Water	8015B	60096
490-20003-9	MW-55D	Total/NA	Ground Water	8015B	60096
490-20003-10	MW-55I	Total/NA	Ground Water	8015B	60096
490-20003-11	MW-55S	Total/NA	Ground Water	8015B	60096
490-20003-12	MW-5	Total/NA	Ground Water	8015B	60096
490-20003-13	MW-6	Total/NA	Ground Water	8015B	60096
490-20003-14	MW-13A	Total/NA	Ground Water	8015B	60096
490-20003-15	MW-37	Total/NA	Ground Water	8015B	60096
490-20003-16	MW-38	Total/NA	Ground Water	8015B	60096
490-20003-17	MW-48	Total/NA	Ground Water	8015B	60096
490-20003-21	MW-53I	Total/NA	Ground Water	8015B	60126
490-20003-22	MW-53S	Total/NA	Ground Water	8015B	60126
490-20003-23	VW-1	Total/NA	Ground Water	8015B	60126
490-20003-24	VW-2	Total/NA	Ground Water	8015B	60126
490-20003-25	VW-3	Total/NA	Ground Water	8015B	60126
LCS 490-60096/2-A	Lab Control Sample	Total/NA	Water	8015B	60096

GC Semi VOA (Continued)

Analysis Batch: 60768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-20003-3	DPE-1	Total/NA	Ground Water	8015B	60096
MB 490-60096/1-A	Method Blank	Total/NA	Water	8015B	60096

Prep Batch: 60974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-20003-6	MW-46	Total/NA	Ground Water	3510C	
490-20003-18	MW-50	Total/NA	Ground Water	3510C	
490-20003-19	MW-51	Total/NA	Ground Water	3510C	
LCS 490-60974/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 490-60974/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 61121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-20003-6	MW-46	Total/NA	Ground Water	8015B	60974
490-20003-18	MW-50	Total/NA	Ground Water	8015B	60974
490-20003-19	MW-51	Total/NA	Ground Water	8015B	60974
LCS 490-60974/2-A	Lab Control Sample	Total/NA	Water	8015B	60974
MB 490-60974/1-A	Method Blank	Total/NA	Water	8015B	60974

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MP-1

Lab Sample ID: 490-20003-1
Date Collected: 02/18/13 14:55
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61014	02/26/13 13:05	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 00:09	GM	TAL NSH
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/22/13 22:11	GH	TAL NSH

Client Sample ID: MP-2

Lab Sample ID: 490-20003-2
Date Collected: 02/18/13 14:45
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61014	02/26/13 13:36	AF	TAL NSH
Total/NA	Analysis	8260B		10	61166	02/27/13 07:42	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 00:39	GM	TAL NSH
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/22/13 22:27	GH	TAL NSH

Client Sample ID: DPE-1

Lab Sample ID: 490-20003-3
Date Collected: 02/18/13 15:05
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61014	02/26/13 14:07	AF	TAL NSH
Total/NA	Analysis	8260B		100	61166	02/27/13 08:13	AF	TAL NSH
Total/NA	Analysis	8015B		50	61046	02/26/13 19:45	GM	TAL NSH
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH
Total/NA	Analysis	8015B		2	60768	02/24/13 09:33	GH	TAL NSH

Client Sample ID: MW-54S

Lab Sample ID: 490-20003-4
Date Collected: 02/18/13 15:30
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61166	02/27/13 05:38	AF	TAL NSH
Total/NA	Analysis	8015B		1	61046	02/26/13 10:40	GM	TAL NSH
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/22/13 23:00	GH	TAL NSH

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-54D — Lab Sample ID: 490-20003-5

Date Collected: 02/18/13 15:20 — **Matrix: Ground Water**
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61014	02/26/13 15:09	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 02:10	GM	TAL NSH
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/22/13 23:16	GH	TAL NSH

Client Sample ID: MW-46 — Lab Sample ID: 490-20003-6

Date Collected: 02/18/13 15:45 — **Matrix: Ground Water**
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61014	02/26/13 15:40	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 06:43	GM	TAL NSH
Total/NA	Prep	3510C			60974	02/25/13 15:18	AL	TAL NSH
Total/NA	Analysis	8015B		1	61121	02/27/13 06:00	JL	TAL NSH

Client Sample ID: MW-14A — Lab Sample ID: 490-20003-7

Date Collected: 02/18/13 15:55 — **Matrix: Ground Water**
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61014	02/26/13 16:11	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 07:13	GM	TAL NSH
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/22/13 23:49	GH	TAL NSH

Client Sample ID: MW-11 — Lab Sample ID: 490-20003-8

Date Collected: 02/18/13 16:10 — **Matrix: Ground Water**
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61014	02/26/13 16:42	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 07:43	GM	TAL NSH
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/23/13 00:05	GH	TAL NSH

Client Sample ID: MW-55D — Lab Sample ID: 490-20003-9

Date Collected: 02/18/13 16:20 — **Matrix: Ground Water**
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61014	02/26/13 17:13	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 08:13	GM	TAL NSH

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-55D

Lab Sample ID: 490-20003-9
Date Collected: 02/18/13 16:20
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/23/13 00:22	GH	TAL NSH

Client Sample ID: MW-55I

Lab Sample ID: 490-20003-10
Date Collected: 02/18/13 16:30
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61014	02/26/13 17:44	AF	TAL NSH
Total/NA	Analysis	8260B		20	61380	02/27/13 11:53	AF	TAL NSH
Total/NA	Analysis	8015B		10	61046	02/26/13 19:15	GM	TAL NSH
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/23/13 00:38	GH	TAL NSH

Client Sample ID: MW-55S

Lab Sample ID: 490-20003-11
Date Collected: 02/18/13 16:45
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61014	02/26/13 18:15	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 09:14	GM	TAL NSH
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/23/13 00:55	GH	TAL NSH

Client Sample ID: MW-5

Lab Sample ID: 490-20003-12
Date Collected: 02/19/13 08:50
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61014	02/26/13 18:46	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 09:44	GM	TAL NSH
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/23/13 01:11	GH	TAL NSH

Client Sample ID: MW-6

Lab Sample ID: 490-20003-13
Date Collected: 02/19/13 09:10
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61014	02/26/13 19:17	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 10:14	GM	TAL NSH
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-6

Lab Sample ID: 490-20003-13
Date Collected: 02/19/13 09:10
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B		1	60512	02/23/13 01:27	GH	TAL NSH

Client Sample ID: MW-13A

Lab Sample ID: 490-20003-14
Date Collected: 02/19/13 09:50
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61166	02/27/13 06:09	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 10:45	GM	TAL NSH
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/23/13 01:43	GH	TAL NSH

Client Sample ID: MW-37

Lab Sample ID: 490-20003-15
Date Collected: 02/19/13 11:15
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61166	02/26/13 23:26	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 11:15	GM	TAL NSH
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/23/13 02:00	GH	TAL NSH

Client Sample ID: MW-38

Lab Sample ID: 490-20003-16
Date Collected: 02/19/13 11:00
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61166	02/26/13 23:57	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 11:45	GM	TAL NSH
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/23/13 02:16	GH	TAL NSH

Client Sample ID: MW-48

Lab Sample ID: 490-20003-17
Date Collected: 02/19/13 10:15
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61166	02/27/13 00:28	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 12:15	GM	TAL NSH
Total/NA	Prep	3510C			60096	02/21/13 09:42	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/23/13 02:32	GH	TAL NSH

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-50

Lab Sample ID: 490-20003-18
Date Collected: 02/19/13 09:30
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61166	02/27/13 00:59	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 12:46	GM	TAL NSH
Total/NA	Prep	3510C			60974	02/25/13 15:18	AL	TAL NSH
Total/NA	Analysis	8015B		1	61121	02/27/13 06:49	JL	TAL NSH

Client Sample ID: MW-51

Lab Sample ID: 490-20003-19
Date Collected: 02/19/13 09:20
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61166	02/27/13 01:30	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 13:16	GM	TAL NSH
Total/NA	Prep	3510C			60974	02/25/13 15:18	AL	TAL NSH
Total/NA	Analysis	8015B		1	61121	02/27/13 07:05	JL	TAL NSH

Client Sample ID: MW-53D

Lab Sample ID: 490-20003-20
Date Collected: 02/19/13 08:00
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61166	02/27/13 02:01	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 13:46	GM	TAL NSH
Total/NA	Prep	3510C			60126	02/21/13 10:36	AL	TAL NSH
Total/NA	Analysis	8015B		1	60157	02/21/13 23:01	JL	TAL NSH

Client Sample ID: MW-53I

Lab Sample ID: 490-20003-21
Date Collected: 02/19/13 07:35
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61166	02/27/13 02:32	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 14:17	GM	TAL NSH
Total/NA	Prep	3510C			60126	02/21/13 10:36	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/22/13 19:09	GH	TAL NSH

Client Sample ID: MW-53S

Lab Sample ID: 490-20003-22
Date Collected: 02/19/13 07:50
Matrix: Ground Water
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61166	02/27/13 03:03	AF	TAL NSH
Total/NA	Analysis	8260B		100	61380	02/27/13 12:24	AF	TAL NSH

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Client Sample ID: MW-53S — Lab Sample ID: 490-20003-22

Date Collected: 02/19/13 07:50 — **Matrix: Ground Water**
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B		50	61046	02/26/13 20:16	GM	TAL NSH
Total/NA	Prep	3510C			60126	02/21/13 10:36	AL	TAL NSH
Total/NA	Analysis	8015B		2	60512	02/22/13 19:26	GH	TAL NSH

Client Sample ID: VW-1 — Lab Sample ID: 490-20003-23

Date Collected: 02/19/13 08:15 — **Matrix: Ground Water**
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61166	02/27/13 06:40	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 15:17	GM	TAL NSH
Total/NA	Prep	3510C			60126	02/21/13 10:36	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/22/13 19:42	GH	TAL NSH

Client Sample ID: VW-2 — Lab Sample ID: 490-20003-24

Date Collected: 02/19/13 08:35 — **Matrix: Ground Water**
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61166	02/27/13 07:11	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 15:48	GM	TAL NSH
Total/NA	Prep	3510C			60126	02/21/13 10:36	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/22/13 19:59	GH	TAL NSH

Client Sample ID: VW-3 — Lab Sample ID: 490-20003-25

Date Collected: 02/19/13 08:25 — **Matrix: Ground Water**
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61166	02/27/13 04:36	AF	TAL NSH
Total/NA	Analysis	8015B		1	60582	02/23/13 16:18	GM	TAL NSH
Total/NA	Prep	3510C			60126	02/21/13 10:36	AL	TAL NSH
Total/NA	Analysis	8015B		1	60512	02/22/13 20:15	GH	TAL NSH

Client Sample ID: Trip Blank — Lab Sample ID: 490-20003-26

Date Collected: 02/18/13 00:01 — **Matrix: Water**
Date Received: 02/20/13 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61166	02/27/13 05:07	AF	TAL NSH

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

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: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	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: Exxon Mobil (MD-25553)

TestAmerica Job ID: 490-20003-1
SDG: 143 Frederick Rd, Thurmont, MD

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
	ACIL		393	10-30-13
A2LA	ISO/IEC 17025		0453.07	12-31-13
Alabama	State Program	4	41150	05-31-13
Alaska (UST)	State Program	10	UST-087	07-24-13
Arizona	State Program	9	AZ0473	05-05-13
Arkansas DEQ	State Program	6	88-0737	04-25-13
California	NELAP	9	1168CA	10-31-13
Canadian Assoc Lab Accred (CALA)	Canada		3744	03-08-14
Connecticut	State Program	1	PH-0220	12-31-13
Florida	NELAP	4	E87358	06-30-13
Illinois	NELAP	5	200010	12-09-13
Iowa	State Program	7	131	05-01-14
Kansas	NELAP	7	E-10229	10-31-13
Kentucky (UST)	State Program	4	19	09-15-13
Louisiana	NELAP	6	30613	06-30-13
Maryland	State Program	3	316	03-31-13
Massachusetts	State Program	1	M-TN032	06-30-13
Minnesota	NELAP	5	047-999-345	12-31-13
Mississippi	State Program	4	N/A	06-30-13
Montana (UST)	State Program	8	NA	01-01-15
Nevada	State Program	9	TN00032	07-31-13
New Hampshire	NELAP	1	2963	10-09-13
New Jersey	NELAP	2	TN965	06-30-13
New York	NELAP	2	11342	04-01-13
North Carolina DENR	State Program	4	387	12-31-13
North Dakota	State Program	8	R-146	06-30-13
Ohio VAP	State Program	5	CL0033	01-19-14
Oklahoma	State Program	6	9412	08-31-13
Oregon	NELAP	10	TN200001	04-30-13
Pennsylvania	NELAP	3	68-00585	06-30-13
Rhode Island	State Program	1	LAO00268	12-30-13
South Carolina	State Program	4	84009 (001)	02-28-13
South Carolina	State Program	4	84009 (002)	02-23-14
Tennessee	State Program	4	2008	02-23-14
Texas	NELAP	6	T104704077-09-TX	08-31-13
USDA	Federal		S-48469	11-02-13
Utah	NELAP	8	TAN	06-30-13
Virginia	NELAP	3	460152	06-14-13
Washington	State Program	10	C789	07-19-13
Wisconsin	State Program	5	998020430	08-31-13
Wyoming (UST)	A2LA	8	453.07	12-31-13

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Baltimore
490-20003 Chain of Custody

Cooler Received/Opened On 2/20/2013 @ 0820

1. Tracking # 0042 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 2.6 *Degrees Celsius*

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

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

If yes, how many and where: (1) Front

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Loc: 490
20003

Cooler Received/Opened On 2/20/2013 @ 0820

1. Tracking # 5911 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID 17960358

2. Temperature of rep. sample or temp blank when opened: -0.2 *Degrees Celsius*

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

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

   If yes, how many and where: 1 front

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

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

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

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 # NA

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

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment
Cooler Receipt Form.doc

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

Baltimore
Loc: 490
20003

COOLER RECEIPT FORM

Cooler Received/Opened On 2/20/2013 @ 0820

1. Tracking # 6458 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 2.2 *Degrees Celsius*

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

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

If yes, how many and where: (1) Front

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

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

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

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 # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) [illegible]

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) [illegible]

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) [illegible]

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

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

Loc: 490
20003

COOLER RECEIPT FORM

Cooler Received/Opened On 2/20/2013 @ 0820

1. Tracking # 5933 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 0.6 *Degrees Celsius*

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

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

If yes, how many and where: (1) Front

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Loc: 490
20003
#1
A

Cooler Received/Opened On 2/20/2013 @ 0820

1. Tracking # 6366 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID 17960358

2. Temperature of rep. sample or temp blank when opened: 11 *Degrees Celsius*

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

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

If yes, how many and where: 1 front

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) BUSTY KAHL	Samplers Name (Printed) JAMES SLAND ED GIMILLUCA	Site/Project Identification 143 FREDERICK RD., EXXON MOBILE (MD-255533) THURMONT, MD
Company ABCADIS	P. O. # B008585 1.0014.00006	State (Location of site): NJ: ☐ NY: ☐ Other: MD
Address 1114 BENFIELD BLVD, SUIT A	Analysis Turnaround Time: Standard ☒	Regulatory Program:
City MILLERSVILLE State MD	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 410-923-7813 Fax		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No:

	Sample Identification	Date	Time	Matrix	No. of. Cont.	BTEX OXYGENATES (EPA METHOD 8260)	TPH-DRO	TPH-GRO (8015)								Sample Numbers
1	MP-1	2/18/13	1455	GW	7	X	X	X								
2	MP-2	2/18/13	1445	GW	7	X	X	X								
3	DPE-1	2/18/13	1505	GW	7	X	X	X								
4	MW-54S	2/18/13	1530	GW	7	X	X	X								
5	MW-54D	2/18/13	1520	GW	7	X	X	X								
6	MW-46	2/18/13	1545	GW	7	X	X	X								
7	MW-14A	2/18/13	1555	GW	7	X	X	X								
8	MW-11	2/18/13	1610	GW	7	X	X	X								
9	MW-55D	2/18/13	1620	GW	7	X	X	X								
10	MW-55I	2/18/13	1630	GW	7	X	X	X								
	Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil:															
	6 = Other _____, 7 = Other _____ — Water:					2	2	2								

Loc: 490
20003

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
[signature]	ABCADIS	2/19/13 1410	1) [signature]	TestAmerica
2) Paul Sylvand	TestAmerica	2/19/13 1520	2) [signature]	TTAN 2-20-13 08:20
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) BUSTY KAHL	Samplers Name (Printed) JAMES SPANO ED CIMILLOCA	Site/Project Identification 143 FEDERICK RD, THURMONT, MD EXXON MOBILE (MD-25553)
Company APCADFS	P. O. # B0085851.0014.00006	State (Location of site): NJ: ☐ NY: ☐ Other: MD
Address 1114 BENFIELD BLVD, SUITE A	Analysis Turnaround Time: Standard ☒	Regulatory Program:
City MILLERSVILLE State MD	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 410-923-7813 Fax		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No:

	Sample Identification	Date	Time	Matrix	No. of. Cont.	BTEX OXYGENATES (EPA METHOD 8260)	TPH-DRO	TPH-GRO (8015)								Sample Numbers
11	MW-55S	2/18/13	1645	GW	7	X	X	X								
12	MW-5	2/19/13	0850	GW	7	X	X	X								
13	MW-6	2/19/13	0910	GW	7	X	X	X								
14	MW-13A	2/19/13	0950	GW	7	X	X	X								
15	MW-37	2/19/13	1115	GW	7	X	X	X								
16	MW-38	2/19/13	1100	GW	7	X	X	X								
17	MW-48	2/19/13	1015	GW	7	X	X	X								
18	MW-50	2/19/13	0930	GW	7	X	X	X								
19	MW-51	2/19/13	0920	GW	7	X	X	X								
20	MW-53D	2/19/13	0800	GW	7	X	X	X								
	Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:											
	6 = Other _____, 7 = Other _____				Water:	2	2	2								

Loc: 490
20003

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
[signature]	APCADFS	2/19/13 1410	1) [signature]	TestAmerica
2) Paul Gayleard	TestAmerica	2/19/13 1520	2) [signature]	TAN 2-20-13 08:20
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 3 of 3

Name (for report and invoice) BUSTY KAHL	Samplers Name (Printed) JAMES SPANO BO GIMTLUCA	Site/Project Identification 143 FREDERICK RD, THURMONT, MD EXXON (MD-25553)
Company APCADIS	P. O. # B008585 1.0014.00006	State (Location of site): NJ: ☐ NY: ☐ Other: MD
Address 114 BENFIELD BLVD, SUITE A	Analysis Turnaround Time: Standard ☐	Regulatory Program:
City MILLERSVILLE State MD	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 410-923-7813 Fax		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

	Sample Identification	Date	Time	Matrix	No. of. Cont.	BTEX OXYGENATED CEPA METHOD 8260	TPH - DRO	TPH - GRO (8015)									LAB USE ONLY Sample Numbers
21	MW-S3I	2/19/13	0735	GW	7	X	X	X									
22	MW-S3S	2/19/13	0750	GW	7	X	X	X									
23	VW-1	2/19/13	0815	GW	7	X	X	X									
24	VW-2	2/19/13	0835	GW	7	X	X	X									
25	VW-3	2/19/13	0825	GW	7	X	X	X									
26	TRIP BLANK	—	—	—	2	X											
	Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:												
	6 = Other _____, 7 = Other _____				Water:	2	2	2									

LAB USE ONLY
Project No:
Job No:

Loc: 490
20003

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
[signature]	APCADIS	2/19/13 1410	1) [signature]	TestAmerica
2) Paul Gagliardi	TestAmerica	2/19/13 1520	2) [signature]	TAN 2-20-13 08:20
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 490-20003-1
SDG Number: 143 Frederick Rd, Thurmont, MD

Login Number: 20003
List Number: 1
Creator: Ford, Easton

List Source: TestAmerica Nashville

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.	True	
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.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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.	True	