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ENVIRONMENT

Ms. Jeannette DeBartolomeo
Oil Control Program
Maryland Department of Environment
1800 Washington Boulevard
Baltimore, MD 21230

Subject:
Second Quarter 2014 Groundwater Monitoring Report
Former Exxon Facility #14489
285 Old Bayview Road
North East, Cecil County, Maryland
MDE Case No. 1986-1205-CE

Date:
30 October 2014

Contact:
Sterling Turner

Phone:
804-665-1074

Email:
sterling.turner@arcadis-us.com

Our ref:
B0085851.0010

Dear Ms. DeBartolomeo:

ARCADIS U.S. (ARCADIS), on behalf of ExxonMobil Environmental Services Company (EMES) on behalf ExxonMobil Corporation (ExxonMobil), is pleased to submit the Groundwater Monitoring Report (GMR) for activities performed during Second Quarter 2014 at the Inactive Exxon Station #14489, located at 285 Old Bayview Road, North East, Maryland.

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

Sincerely,

ARCADIS U.S., Inc.

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

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

Second Quarter 2014 Groundwater Monitoring Report
Former Exxon Facility #14489, 285 Old Bayview Road, North East, MD

Regulatory Information

Regulatory Agency:	Maryland Department of the Environment (MDE)
MDE Case Number:	1986-1205-CE
Agency Contact:	Ms. Jeannette DeBartolomeo
Current Case Status:	Quarterly groundwater monitoring and sampling
Reporting Period:	1 April 2014 through 30 June 2014
Last Report:	First Quarter 2014 Groundwater Monitoring Report, September 2014

General Site Information

ExxonMobil Contact:	Ms. Jewel Cox
Consultant Contact:	Mr. Sterling Turner
Facility Status:	Former retail service station currently operated as an automotive repair facility
Area Property Use:	See local area map (**Figure 1**)
Monitoring Wells:	MW-1A, MW-2A, MW-3A, MW-5A, MW-8, and MW-10 through MW-16 (**Figure 2**)
Injection Wells:	INJ-1, INJ-2, and INJ-3 (**Figure 2**)
Site Geology:	Micaceous clay and silt with sand and gravel

Activities Completed this Period

12 June 2014 – Groundwater Gauging and Sampling

Wells Gauged and Sampled:	MW-1A, MW-2A, MW-3A, MW-8, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, and MW-16. Well MW-5A inaccessible (see below).
Well Gauged Only:	INJ-1, INJ-2, and INJ-3
Liquid Phase Hydrocarbon:	None Detected
Minimum/Maximum Depth to Water:	2.03 feet (MW-5A) / 9.68 feet (MW-14)
Groundwater Flow Direction:	Southwest

Groundwater samples were collected on 12 June 2014 and submitted to TestAmerica Laboratories of Nashville, Tennessee for analysis of benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, and fuel oxygenates using Environmental Protection Agency (EPA) Method 8260B. Well MW-5A was not sampled because of stormwater running over the well casing. 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 a duplicate sample (collected from MW-1A), daily rinsate blanks, and trip blanks. The TestAmerica laboratory groundwater analytical reports are attached as **Appendix A**.

12 June 2014 – Potable Well Sampling

The potable well and POET system at 259 Old Bayview Road and the potable well at 261 Old Bayview Road were sampled on 12 June 2014. Results are summarized on **Table 2** and were submitted to the property owners under separate cover.

Groundwater Sampling Results

Benzene, toluene, ethylbenzene, methyl tertiary butyl ether (MTBE), and naphthalene were detected at concentrations exceeding MDE Groundwater (GW) Clean-up Standards at one or more well:

- Benzene was detected at concentrations exceeding the MDE GW standard (5 µg/L) in three samples (MW-1A, MW-2A, and MW-14) with a maximum concentration of 153 µg/L in the sample collected from MW-2A.

- Toluene was detected at concentrations exceeding the MDE GW standard (1,000 µg/L) in one sample (MW-1A) with a concentration of 2,060 µg/L.

- Ethylbenzene was detected at concentrations exceeding the MDE GW standard (700 µg/L) in two samples (MW-1A and MW-2A) with a maximum concentration of 1,590 µg/L in the sample collected from MW-2A.

- MTBE was detected at concentrations exceeding the MDE GW standard (20 µg/L) in two samples (MW-2A and MW-14) with a concentration of 81.4 µg/L in the sample collected from MW-2A.

- Naphthalene was detected at concentrations exceeding the MDE GW standard (0.65 µg/L) in four samples (MW-1A, MW 2A, MW-11, and MW-14) with a maximum concentration of 280 µg/L in the sample collected from MW-2A.

Activities Planned for Next Period (Third Quarter 2014)

Activities proposed for the Third Quarter 2014 include quarterly groundwater gauging and sampling. Groundwater samples will be collected from wells MW-1A, MW-2A, MW-3A, MW-5A, MW-8, and MW-10 through MW-16 and analyzed for full list volatile organic compounds (VOCs) and fuel oxygenates using Environmental Protection Agency (EPA) Method 8260B. Potable wells will continue to be sampled at 259 and 261 Old Bayview Road properties.

Additionally, on-site wells will be sampled for biogeochemical parameters including sulfate, nitrate, and dissolved and total iron. Field parameters, such as dissolved oxygen and pH, will be recorded as part of the standard sampling protocol.

Tables and Figures

Table 1: Groundwater Monitoring and Analytical Data
Table 2: Potable Water Monitoring and Analytical Data
Figure 1: Local Area Map
Figure 2: Site Map
Figure 3: Groundwater Elevation Contours and Analytical Data (12 June 2014)

Appendices

Appendix A: TestAmerica Laboratory Analytical Reports (28 June 2014)

Tables

Table 1
Groundwater Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, 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)**	**TBA (µg/L)**	**DIPE (µg/L)**	**ETBE (µg/L)**	**TAME (µg/L)**	**Naph-thalene (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*--*	*--*	*--*	*--*	*0.65*	
MW-1A	6/1/2005	97.65	5.23	ND	ND	92.42	**560**	**5,770**	**2,360**	8,970	17,660	**156**	ND(500)	NA	NA	NA	NA	
	12/7/2005	97.65	6.77	ND	ND	90.88	**252**	**2,410**	**2,560**	7,500	12,722	**149**	ND(500)	NA	NA	NA	NA	
	5/24/2006	97.65	6.82	ND	ND	90.83	**97.7**	**1,260**	**1,720**	4,870	7,948	**114**	ND(500)	NA	NA	NA	NA	
	11/7/2006	97.65	5.38	ND	ND	92.27	**116**	703	**1,130**	2,880	4,829	**112**	92.2 J	NA	NA	NA	NA	
	6/21/2007	97.65	6.15	ND	ND	91.50	**145**	**1,750**	**1,020**	3,220	6,135	**53.3**	ND(250)	NA	NA	NA	NA	
	12/11/2007	97.65	7.02	ND	ND	90.63	**212**	**3,730**	**2,380**	8,180	14,502	**133**	ND(500)	NA	NA	NA	NA	
	3/24/2008	97.65	4.94	ND	ND	92.71	**216**	**3,280**	**2,270**	7,550	13,316	**510**	ND(630)	NA	NA	NA	NA	
	6/29/2008	97.65	6.10	ND	ND	91.55	**201**	**2,970**	**1,520**	5,380	10,071	**593**	ND(500)	ND(100)	ND(100)	ND(100)	**378**	
	8/14/2008	97.65	7.12	ND	ND	90.53	**151**	**2,300**	**1,410**	4,460	8,321	**561**	ND(500)	ND(100)	ND(100)	59.2 J	**345**	
	11/20/2008	97.65	7.12	ND	ND	90.53	**150**	**2,330**	**1,860**	6,030	10,370	**398**	ND(630)	ND(130)	ND(130)	58.9 J	**497**	
	2/11/2009	97.65	5.35	ND	ND	92.30	**185**	**2,720**	**1,510**	5,440	9,855	**307**	ND(500)	ND(100)	ND(100)	ND(100)	**375**	
	4/21/2009	97.65	5.08	ND	ND	92.57	**148**	**2,700**	**1,790**	6,230	10,868	**269**	ND(630)	ND(130)	ND(130)	44.0 J	**402**	
	7/31/2009	97.65	6.35	ND	ND	91.30	**101**	**1,460**	**730**	2,760	5,051	**151**	ND(250)	ND(50)	ND(50)	20.1 J	**235**	
	10/13/2009	97.65	4.80	ND	ND	92.85	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/27/2009	97.65	5.25	ND	ND	92.40	**62.8**	873	**1,080**	2,830	4,846	**143**	ND(250)	ND(50)	ND(50)	17.2 J	**263**	
	1/12/2010	97.65	4.57	ND	ND	93.08	**162**	**2,430**	**1,350**	4,170	8,112	**139**	ND(250)	ND(50)	ND(50)	24.0 J	**355**	
	4/21/2010	97.65	4.21	ND	ND	93.44	**204**	**3,100**	**1,610**	5,510	10,424	**117**	ND(630)	ND(130)	ND(130)	ND(130)	**369**	
	7/22/2010	97.65	6.74	ND	ND	90.91	**197**	**2,900**	**1,340**	4,780	9,217	**108**	ND(630)	ND(130)	ND(130)	31.4 J	**225**	
	11/23/2010	97.65	6.55	ND	ND	91.10	**51.2**	**1,190**	**1,100**	3,530	5,871	**54.6**	ND(130)	ND(25)	ND(25)	9.0 J	**277**	
	3/2/2011	97.65	4.89	ND	ND	92.76	**60.2**	**1,220**	**1,120**	4,440	6,840	**33.8**	40.4	<1	<1	<1	**218**	
	5/19/2011	97.65	4.82	ND	ND	92.83	**101**	**1,340**	584	2,140	4,165	**28.2**	<20	<1	<1	7.47	**244**	
	7/12/2011	97.65	6.48	ND	ND	91.17	**117**	**2,450**	**1,140**	3,970	7,677	**24.4**	<20	<1	<1	<1	**234**	
	10/24/2011	97.65	5.41	ND	ND	92.24	**57.6**	**1,610**	**1,030**	3,660	6,357.6	**21**	19.1	<1	<1	4.27	**198**	
	2/8/2012	97.65	5.03	ND	ND	92.62	**67.5**	**1,490**	**956**	3,210	5,724	13.8	<10	<1	<1	<1	**187**	
	5/22/2012	97.65	6.83	ND	ND	90.82	**76.7**	**1,910**	**976**	4,140	7,103	13.6	<50	<5	<5	<5	**155**	
	8/14/2012	97.65	8.31	ND	ND	89.34	**66 [64]**	**2,180 [2,210]**	**1,080 [1,030]**	3,950 [3,700]	7,276 [7,004]	17.7 [<1]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [<1]	**182 [192]**	
	10/4/2012	97.65	8.98	ND	ND	88.67	**41.9**	**1,230**	**1,010**	3,860	6,141.9	**29.1**	11.8	<2	<1	5.72	**249**	
	2/22/2013	97.65	5.50	ND	ND	92.15	**63.2**	**1,620**	**1,340**	4,290	7,313	<1	<10	<2	<1	<1	**256**	
	5/1/2013	97.65	5.21	ND	ND	92.44	**81.3 [77.8]**	**2,130 [1,950]**	**1,290 [1,210]**	4,820 [4,510]	8,321.3 [7,747.8]	6.88 [<1]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [2.59]	**262 [255]**	
	8/6/2013	97.65	4.68	ND	ND	92.97	**92.3 [91.1]**	**1,880 [1,940]**	**973 [1,010]**	3,340 [3,400]	6,285.3 [6,441.1]	6.25 [6.21]	<10 [<10]	<2 [<2]	<1 [<1]	19.3 [<1]	**276 [279]**	
	10/3/2013	97.65	5.85	ND	ND	91.80	**90.2 [90.6]**	**1,890 [1,870]**	**925 [925]**	4,010 [4,070]	6,915.2 [6,955.6]	7.44 [7.74]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [<1]	**251 [254]**	
	3/6/2014	97.65	4.25	ND	ND	93.40	**47.6 [54.6]**	**1,060 [1,120]**	**689 [731]**	2,740 [2,810]	4,536.6 [4,715.6]	4.70 [4.58]	10.4 [14.3]	<2 [<2]	<1 [<1]	1.61 [1.30]	**161 [179]**	
	6/12/2014	97.65	4.54	ND	ND	93.11	**69.8 [70.6]**	**2,060 [1,760]**	**974 [967]**	4,050 [3,430]	7,153.8 [6,227.6]	<10 [<10]	<100 [<100]	<20 [<20]	<10 [<10]	<10 [<10]	**182 [218]**	

Table 1
Groundwater Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, 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)**	**TBA (µg/L)**	**DIPE (µg/L)**	**ETBE (µg/L)**	**TAME (µg/L)**	**Naph-thalene (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*--*	*--*	*--*	*--*	*0.65*	
MW-2A	6/1/2005	97.10	4.74	ND	ND	92.36	**1,740**	595	**2,590**	9,200	14,125	**829**	ND(500)	NA	NA	NA	NA	
	12/7/2005	97.10	5.65	ND	ND	91.45	**1,580**	**2,440**	**2,660**	9,530	16,210	**670**	ND(630)	NA	NA	NA	NA	
	5/24/2006	97.10	5.71	ND	ND	91.39	**1,570**	**4,950**	**2,790**	9,990	19,300	**599**	ND(630)	NA	NA	NA	NA	
	11/7/2006	97.10	4.35	ND	ND	92.75	**964**	**3,090**	**2,550**	8,730	15,334	**413**	189 J	NA	NA	NA	NA	
	6/21/2007	97.10	5.26	ND	ND	91.84	**456**	788	**2,290**	7,470	11,004	**198**	ND(250)	NA	NA	NA	NA	
	12/11/2007	97.10	5.77	ND	ND	91.33	**216**	157	569	1,830	2,772	**86.4**	30.0 J	NA	NA	NA	NA	
	3/24/2008	97.10	4.73	ND	ND	92.37	**747**	529	**1,900**	3,920	7,096	**568**	256 J	NA	NA	NA	NA	
	6/29/2008	97.10	5.66	ND	ND	91.44	**379**	**4,610**	**2,160**	8,620	15,769	**457**	ND(630)	ND(130)	ND(130)	ND(130)	**462**	
	8/14/2008	97.10	5.57	ND	ND	91.53	**489**	**4,240**	**3,310**	8,760	16,799	**531**	ND(630)	ND(130)	ND(130)	46.4 J	**652**	
	11/20/2008	97.10	5.64	5.63	0.01	91.47	**817**	308	**1,770**	5,450	8,345	**624**	ND(250)	ND(50)	ND(50)	55.6	**405**	
	2/11/2009	97.10	4.90	ND	ND	92.20	**567**	**1,220**	**1,330**	4,140	7,257	**680**	215 J	ND(50)	ND(50)	51.6	**306**	
	4/21/2009	97.10	1.82	ND	ND	95.28	**452**	**4,520**	**1,860**	7,870	14,702	**516**	ND(630)	ND(130)	ND(130)	64.0 J	**299**	
	7/31/2009	97.10	5.37	ND	ND	91.73	**191**	**1,830**	**1,270**	4,250	7,541	**341**	ND(250)	ND(50)	ND(50)	38.1 J	**316**	
	10/13/2009	97.10	3.93	ND	ND	93.17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/27/2009	97.10	4.51	ND	ND	92.59	**266**	656	**2,530**	7,620	11,072	**371**	ND(500)	ND(100)	ND(100)	48.5 J	**360**	
	1/12/2010	97.10	4.36	ND	ND	92.74	**699**	231	**2,340**	4,360	7,630	**532**	ND(500)	ND(100)	ND(100)	55.2 J	**402**	
	4/21/2010	97.10	4.04	ND	ND	93.06	**858**	**1,070**	**1,720**	2,690	6,338	**538**	156 J	ND(50)	ND(50)	43.4 J	**325**	
	7/22/2010	97.10	5.10	ND	ND	92.00	**544**	865	**1,590**	5,010	8,009	**430**	ND(250)	ND(50)	ND(50)	54.8	**262**	
	11/23/2010	97.10	5.51	ND	ND	91.59	**220**	367	**2,140**	3,980	5,807	**169**	ND(130)	ND(25)	ND(25)	20.2	**223**	
	3/2/2011	97.10	4.20	ND	ND	92.90	**147**	702	**1,290**	4,920	7,059	**151**	<20	<1	<1	18.4	**232**	
	5/19/2011	97.10	4.40	ND	ND	92.70	**373**	**1,530**	**1,300**	4,050	7,253	**274**	<20	1.07	<1	23.8	**222**	
	7/12/2011	97.10	5.45	ND	ND	91.65	**316**	850	**1,460**	4,690	7,316	**207**	<200	<10	<10	16.4	**243**	
	10/24/2011	97.10	4.30	ND	ND	92.80	**309**	466	**1,240**	4,070	6,085	**171**	38.8	<1	<1	16.6	**200**	
	2/8/2012	97.10	4.73	ND	ND	92.37	**154**	570	**1,280**	3,580	5,584	**115**	<10	<1	<1	10.4	**201**	
	5/22/2012	97.10	5.79	ND	ND	91.31	**216**	443	**1,550**	4,280	6,489	**131**	<50	<5	<5	11.9	**197**	
	8/14/2012	97.10	6.61	ND	ND	90.49	**221**	512	**1,220**	3,820	5,773	**138**	<10	<2	<1	13.5	**252**	
	10/4/2012	97.10	6.93	ND	ND	90.17	**311**	754	**1,000**	3,990	6,055	**179**	41.3	<2	<1	17.3	**187**	
	2/22/2013	97.10	4.58	ND	ND	92.52	**128**	858	**1,350**	3,930	6,266	**73.4**	<10	<2	<1	8.71	**181**	
	5/1/2013	97.10	4.77	ND	ND	92.33	**153**	901	**1,220**	4,170	6,444	**101**	<10	<2	<1	10.3	**199**	
	8/6/2013	97.10	4.18	ND	ND	92.92	**199**	651	**918**	2,510	4,278	**117**	<10	<2	<1	31.9	**179**	
	10/3/2013	97.10	4.86	ND	ND	92.24	**259**	**1,080**	**1,210**	4,380	6,929	**133**	<10	<2	<1	11.3	**266**	
	3/6/2014	97.10	3.96	ND	ND	93.14	**124**	372	**1,160**	2,830	4,486	**73.6**	22.2	<2	<1	7.44	**280**	
	6/12/2014	97.10	3.90	ND	ND	93.20	**153**	547	**1,590**	4,190	6,480	**81.4**	<100	<20	<10	<10	**280**	

Table 1
Groundwater Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, 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)**	**TBA (µg/L)**	**DIPE (µg/L)**	**ETBE (µg/L)**	**TAME (µg/L)**	**Naph-thalene (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*--*	*--*	*--*	*--*	*0.65*	
MW-3A	6/1/2005	96.99	2.71	ND	ND	94.28	**6.7**	18	31	108	163	19.8	ND(25)	NA	NA	NA	NA	
	12/7/2005	96.99	4.55	ND	ND	92.44	**92.0**	23.3	99.9	128	343	**353**	ND(25)	NA	NA	NA	NA	
	5/24/2006	96.99	2.72	ND	ND	94.27	ND(1.0)	1.1	5.7	19	26	**47.1**	ND(25)	NA	NA	NA	NA	
	11/7/2006	96.99	2.06	ND	ND	94.93	3.4	15.2	36.6	126	181	ND(1.0)	ND(25)	NA	NA	NA	NA	
	6/21/2007	96.99	2.45	ND	ND	94.54	**278**	111	325	991	1,705	**17900**	ND(1300)	NA	NA	NA	NA	
	12/11/2007	96.99	2.25	ND	ND	94.74	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	**23.2**	ND(25)	NA	NA	NA	NA	
	3/24/2008	96.99	2.41	ND	ND	94.58	0.32 J	7.5	14.8	57	79.2 J	0.64 J	ND(25)	NA	NA	NA	NA	
	6/29/2008	96.99	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not accessible
	8/14/2008	96.99	5.57	ND	ND	91.42	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.7	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	11/20/2008	96.99	2.21	ND	ND	94.78	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.60 J	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	2/11/2009	96.99	2.75	ND	ND	94.24	**28.0**	13.7	2.8	6	50	**67.2**	26.0	ND(5.0)	ND(5.0)	2.7 J	ND(5.0)	
	4/21/2009	96.99	1.30	ND	ND	95.69	**9.6**	7.6	1.8	4	23	**37.2**	21.2 J	ND(5.0)	ND(5.0)	1.2 J	ND(5.0)	
	7/31/2009	96.99	2.83	ND	ND	94.16	0.25 J	ND(1.0)	ND(1.0)	ND(1.0)	0.25 J	1.4	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	10/13/2009	96.99	2.10	ND	ND	94.89	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/27/2009	96.99	1.90	ND	ND	95.09	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.6	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	1/12/2010	96.99	2.45	ND	ND	94.54	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	**18.9**	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	4/21/2010	96.99	2.26	ND	ND	94.73	**23.8**	14.2	5.2	9	52	**20.9**	7.5 J	ND(5.0)	ND(5.0)	0.98 J	ND(5.0)	
	7/22/2010	96.99	2.85	ND	ND	94.14	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	10.2	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	11/23/2010	96.99	4.75	ND	ND	92.24	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	3/2/2011	96.99	2.14	ND	ND	94.85	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5	
	5/19/2011	96.99	2.53	ND	ND	94.46	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5	
	7/12/2011	96.99	5.76	ND	ND	91.23	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5	
	10/24/2011	96.99	2.35	ND	ND	94.64	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5	
	2/8/2012	96.99	2.71	ND	ND	94.28	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5	
	5/22/2012	96.99	3.30	ND	ND	93.69	<1 [<1]	<1 [<1]	<1 [<1]	<3 [<3]	BRL [BRL]	<1 [<1]	<10 [<10]	<1 [<1]	<1 [<1]	<1 [<1]	<5 [<5]	
	8/14/2012	96.99	7.62	ND	ND	89.37	<1	<1	<1	<3	BRL	8.07	<10	<2	<1	<1	<5	
	10/4/2012	96.99	8.63	ND	ND	88.36	**8.24**	<1	<1	<3	8.24	**33.4**	14.1	<2	<1	1.12	<5	
	2/22/2013	96.99	2.48	ND	ND	94.51	1.31	<1	<1	<3	1.31	1.37	<10	<2	<1	<1	<5	
	5/1/2013	96.99	4.36	ND	ND	92.63	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5	
	8/6/2013	96.99	2.26	ND	ND	94.73	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5	
	10/3/2013	96.99	2.72	ND	ND	94.27	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5	
	3/6/2014	96.99	2.46	ND	ND	94.53	<1	<1	1.41	4.29	5.70	<1	<10	<2	<1	<1	<5	
	6/12/2014	96.99	2.42	ND	ND	94.57	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5	
MW-4	6/1/2005	97.26	2.55	ND	ND	94.71	**6.9**	3.8	4.7	10.8	26.2	13.8	ND(25)	NA	NA	NA	NA	
	12/7/2005	97.26	2.77	ND	ND	94.49	2.9	0.81 J	7.6	5.7	17.0 J	5.3	ND(25)	NA	NA	NA	NA	
	5/24/2006	97.26	2.82	ND	ND	94.44	0.38 J	4.0	16.9	48.1	69.4 J	11.8	ND(25)	NA	NA	NA	NA	
	11/7/2006	97.26	2.48	ND	ND	94.78	2.1	2.4	9.3	31.8	45.6	**291**	ND(25)	NA	NA	NA	NA	
	6/21/2007	97.26	2.73	ND	ND	94.53	**22.9**	30.8	21.8	81.1	156.6	**934**	ND(100)	NA	NA	NA	NA	
	12/11/2007	97.26	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Monitoring well destroyed.

Table 1
Groundwater Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, 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)**	**TBA (µg/L)**	**DIPE (µg/L)**	**ETBE (µg/L)**	**TAME (µg/L)**	**Naph-thalene (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*--*	*--*	*--*	*--*	*0.65*	
MW-5A	6/1/2005	95.02	2.40	ND	ND	92.62	**132**	**1,360**	**1,670**	7,270	10,432	ND(10)	ND(250)	NA	NA	NA	NA	
	12/7/2005	95.02	3.25	ND	ND	91.77	**58.2**	230	**1130**	3,420	4,838	ND(10)	ND(250)	NA	NA	NA	NA	
	5/24/2006	95.02	3.72	ND	ND	91.30	**22.4**	144	661	1,840	2,667	ND(5.0)	ND(130)	NA	NA	NA	NA	
	11/7/2006	95.02	2.09	ND	ND	92.93	**136**	868	**1,370**	4,780	7,154	ND(5.0)	ND(130)	NA	NA	NA	NA	
	6/21/2007	95.02	5.35	ND	ND	89.67	**49.7**	460	**929**	2,750	4,189	ND(5.0)	ND(130)	NA	NA	NA	NA	
	12/11/2007	95.02	3.63	ND	ND	91.39	**20.1**	62.3	**831**	2,520	3,433	ND(10)	ND(250)	NA	NA	NA	NA	
	3/24/2008	95.02	2.60	ND	ND	92.42	**56.2**	306	**855**	1,940	3,157	ND(5)	ND(130)	NA	NA	NA	NA	
	6/29/2008	95.02	4.04	ND	ND	90.98	**38.5**	251	**920**	3,200	4,410	ND(10)	ND(250)	ND(50)	ND(50)	ND(50)	**246**	
	8/14/2008	95.02	4.32	ND	ND	90.70	**26.0**	139	**766**	2,910	3,841	ND(5.0)	ND(130)	ND(25)	ND(25)	ND(25)	**242**	
	11/20/2008	95.02	2.42	ND	ND	92.60	**111**	856	**1,180**	4,070	6,217	ND(20)	ND(500)	ND(100)	ND(100)	ND(100)	**362**	
	2/11/2009	95.02	2.48	ND	ND	92.54	**76.0**	900	**1,170**	4,510	6,656	ND(10)	ND(250)	ND(50)	ND(50)	ND(50)	**347**	
	4/21/2009	95.02	4.76	ND	ND	90.26	**29.9**	236	574	1,920	2,760	ND(5.0)	ND(130)	ND(25)	ND(25)	ND(25)	**176**	
	7/31/2009	95.02	2.87	ND	ND	92.15	**17.3**	108	488	1,570	2,183	ND(5.0)	ND(130)	ND(25)	ND(25)	ND(25)	**169**	
	10/13/2009	95.02	2.57	ND	ND	92.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/27/2009	95.02	2.06	ND	ND	92.96	**41.3**	207	**876**	2,800	3,924	ND(10)	ND(250)	ND(50)	ND(50)	ND(50)	**251**	
	1/12/2010	95.02	1.10	ND	ND	93.92	**54.6**	609	**1,050**	3,800	5,514	ND(10)	ND(250)	ND(50)	ND(50)	ND(50)	**269**	
	4/21/2010	95.02	1.44	ND	ND	93.58	**89.3**	942	**1,230**	4,710	6,971	ND(5.0)	ND(130)	ND(25)	ND(25)	ND(25)	**295**	
	7/22/2010	95.02	3.87	ND	ND	91.15	**45.6**	306	**1,030**	3,600	4,982	ND(10)	ND(250)	ND(50)	ND(50)	ND(50)	**239**	
	11/23/2010	95.02	3.53	ND	ND	91.49	**86.0**	531	**1,210**	4,070	5,897	ND(10)	ND(250)	ND(50)	ND(50)	ND(50)	**294**	
	3/2/2011	95.02	2.41	ND	ND	92.61	**32.1**	168	**841**	2,250	3,291.1	<1	<20	<1	<1	<1	**227**	
	5/19/2011	95.02	2.59	ND	ND	92.43	**14.1**	162	555	1,730	2,461.1	<1	<20	<1	<1	<1	**148**	
	7/12/2011	95.02	3.92	ND	ND	91.10	**35.5**	323	**898**	2,530	3,786.5	<1	<20	<1	<1	<1	**267**	
	10/24/2011	95.02	2.18	ND	ND	92.84	**49.1**	324	**887**	2,700	3,960.1	<1	<10	<1	<1	<1	**248**	
	2/8/2012	95.02	2.08	ND	ND	92.94	**34.3**	425	**1,070**	3,320	4,849	<1	<10	<1	<1	<1	**244**	
	5/22/2012	95.02	3.41	ND	ND	91.61	**20.5**	239	**805**	2,530	3594.5	<5	<50	<5	<5	<5	**157**	
	8/14/2012	95.02	6.23	ND	ND	88.79	**21.5**	165	**726**	2,130	3,042.5	<1	<10	<2	<1	<1	**189**	
	10/4/2012	95.02	7.23	ND	ND	87.79	**27.4 [26.1]**	152 [147]	**819 [845]**	2,460 [2,510]	3,508.4 [3,528.1]	<1 [<1]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [<1]	**250 [232]**	
	2/22/2013	95.02	2.75	ND	ND	92.27	**21.1**	124	**901**	2,570	3,616.1	<1	<10	<2	<1	<1	**181**	
	5/1/2013	95.02	3.09	ND	ND	91.93	**21.1**	193	**747**	2,460	3,421.1	<1	<10	<2	<1	<1	**197**	
	8/6/2013	95.02	2.24	ND	ND	92.78	**36.2**	230	**722**	2,170	3,158.2	<1	<10	<2	<1	<1	**237**	
	10/3/2013	95.02	2.79	ND	ND	92.23	**38.6**	242	**813**	2,300	3,393.6	<1	<10	<2	<1	<1	**266**	
	3/6/2014	95.02	1.60	ND	ND	93.42	**24.3**	240	**892**	2,720	3,876.3	<1	<10	<2	<1	<1	**321**	
	6/12/2014	95.02	2.03	ND	ND	92.99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible

Table 1
Groundwater Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, 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)**	**TBA (µg/L)**	**DIPE (µg/L)**	**ETBE (µg/L)**	**TAME (µg/L)**	**Naph-thalene (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*--*	*--*	*--*	*--*	*0.65*	
MW-8	12/7/2005	97.04	2.56	ND	ND	94.48	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	NA	NA	NA	NA	
	5/24/2006	97.04	2.61	ND	ND	94.43	ND(1.0)	2.0	10.3	34	46	**24.3**	ND(25)	NA	NA	NA	NA	
	11/7/2006	97.04	2.27	ND	ND	94.77	ND(1.0)	4.1	13.9	49	67	ND(1.0)	ND(25)	NA	NA	NA	NA	
	6/21/2007	97.04	2.53	ND	ND	94.51	**104**	27.7	130	644	906	**8870**	ND(500)	NA	NA	NA	NA	
	12/11/2007	97.04	2.28	ND	ND	94.76	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	NA	NA	NA	NA	
	3/24/2008	97.04	2.46	ND	ND	94.58	ND(1)	0.3 J	0.7 J	2	2.9 J	18.9	ND(25)	NA	NA	NA	NA	
	6/29/2008	97.04	2.92	ND	ND	94.12	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	13.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	8/14/2008	97.04	3.02	ND	ND	94.02	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.6	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	11/20/2008	97.04	2.30	ND	ND	94.74	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	2/11/2009	97.04	2.67	ND	ND	94.37	0.34 J	ND(1.0)	ND(1.0)	ND(1.0)	0.34 J	**86.2**	13.8 J	ND(5.0)	ND(5.0)	0.84 J	ND(5.0)	
	4/21/2009	97.04	1.90	ND	ND	95.14	0.58 J	ND(1.0)	ND(1.0)	ND(1.0)	0.58 J	**52.3**	86.4	ND(5.0)	ND(5.0)	0.95 J	ND(5.0)	
	7/31/2009	97.04	2.55	ND	ND	94.49	0.91 J	9.2	3.3	10	23.0 J	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	10/13/2009	97.04	3.00	ND	ND	94.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/27/2009	97.04	4.65	ND	ND	92.39	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	1/12/2010	97.04	2.59	ND	ND	94.45	2.2	ND(1.0)	1.3	0.95 J	4.5 J	**71.8**	ND(25)	ND(5.0)	ND(5.0)	3.8 J	ND(5.0)	
	4/21/2010	97.04	2.46	ND	ND	94.58	0.28 J	ND(1.0)	ND(1.0)	ND(1.0)	0.28 J	18.5	20.5 J	ND(5.0)	ND(5.0)	0.71 J	ND(5.0)	
	7/22/2010	97.04	2.65	ND	ND	94.39	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.62 J	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	11/23/2010	97.04	2.90	ND	ND	94.14	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	3/2/2011	97.04	2.01	ND	ND	95.03	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5	
	5/19/2011	97.04	2.53	ND	ND	94.51	<1	<1	<1	<3	BRL	2.76	<20	<1	<1	<1	<5	
	7/12/2011	97.04	4.65	ND	ND	92.39	<1	11.5	15	56.3	82.8	<1	<20	<1	<1	<1	<5	
	10/24/2011	97.04	2.59	ND	ND	94.45	<1 [<1]	<1 [<1]	<1 [<1]	<3 [<3]	BRL	1.32 [1.45]	<10 [<10]	<1 [<1]	<1 [<1]	<1 [<1]	<5 [<5]	
	2/8/2012	97.04	2.81	ND	ND	94.23	<1 [<1]	<1 [<1]	<1 [<1]	<3 [<3]	BRL [BRL]	3.46 [3.86]	<10 [<10]	<1 [<1]	<1 [<1]	<1 [<1]	<5 [<5]	
	5/22/2012	97.04	2.85	ND	ND	94.19	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5	
	8/14/2012	97.04	3.34	ND	ND	93.70	1.32	<1	<1	<3	1.32	7.33	<10	<2	<1	<1	<5	
	10/4/2012	97.04	5.65	ND	ND	91.39	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5	
	2/22/2013	97.04	2.51	ND	ND	94.53	<1	<1	<1	<3	BRL	1.01	<10	<2	<1	<1	<5	
	5/1/2013	97.04	2.82	ND	ND	94.22	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5	
	8/6/2013	97.04	2.35	ND	ND	94.69	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5	
	10/3/2013	97.04	2.74	ND	ND	94.30	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5	
	3/6/2014	97.04	2.46	ND	ND	94.58	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5	
	6/12/2014	97.04	2.47	ND	ND	94.57	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5	

Table 1
Groundwater Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, 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)**	**TBA (µg/L)**	**DIPE (µg/L)**	**ETBE (µg/L)**	**TAME (µg/L)**	**Naph-thalene (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*--*	*--*	*--*	*--*	*0.65*	
MW-10	6/1/2005	93.35	3.82	ND	ND	89.53	**9**	1	4	7	21	9.3	ND(25)	NA	NA	NA	NA	
	12/7/2005	93.35	4.51	ND	ND	88.84	**24.7**	0.38 J	26.8	8	59.4 J	19.6	ND(25)	NA	NA	NA	NA	
	5/24/2006	93.35	4.67	ND	ND	88.68	**13.3**	0.52 J	5.8	4	23.6 J	**45.7**	25.3	NA	NA	NA	NA	
	11/7/2006	93.35	4.04	ND	ND	89.31	**11.2**	38.1	83.9	266	399	**164**	127	NA	NA	NA	NA	
	6/21/2007	93.35	4.54	ND	ND	88.81	**18.9**	7.4	20.1	46	93	**42.5**	ND(25)	NA	NA	NA	NA	
	12/11/2007	93.35	3.73	ND	ND	89.62	0.85 J	2.6	10.1	28	41.1 J	**22.5**	ND(25)	NA	NA	NA	NA	
	3/24/2008	93.35	4.10	ND	ND	89.25	0.39 J	3.4	7.9	21	32.3 J	6.7	ND(25)	NA	NA	NA	NA	
	6/29/2008	93.35	4.40	ND	ND	88.95	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	8/14/2008	93.35	4.75	ND	ND	88.60	ND(1.0)	ND(1.0)	ND(1.0)	0.45 J	0.45 J	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	11/20/2008	93.35	4.56	ND	ND	88.79	3.6	ND(1.0)	2.0	ND(1.0)	6	11.6	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	2/11/2009	93.35	4.27	ND	ND	89.08	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	4/21/2009	93.35	2.72	ND	ND	90.63	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.4	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	7/31/2009	93.35	4.31	ND	ND	89.04	ND(1.0)	0.65 J	0.30 J	0.69 J	1.64 J	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	10/13/2009	93.35	3.87	ND	ND	89.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/27/2009	93.35	3.33	ND	ND	90.02	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.40 J	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	1/12/2010	93.35	3.41	ND	ND	89.94	0.30 J	ND(1.0)	ND(1.0)	ND(1.0)	0.30 J	2.7	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	4/21/2010	93.35	2.94	ND	ND	90.41	ND(1.0)	0.40 J	1.2	4	5.8 J	0.57 J	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	7/22/2010	93.35	4.41	ND	ND	88.94	ND(1.0)	0.58 J	0.61 J	2	3.2 J	1.6	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	11/23/2010	93.35	4.71	ND	ND	88.64	5	0.82 J	13.5	5	24.2 J	**40.3**	30.4	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	3/2/2011	93.35	3.96	ND	ND	89.39	<1	<1	<1	<3	BRL	1.37	<20	<1	<1	<1	<5	
	5/19/2011	93.35	3.55	ND	ND	89.80	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5	
	7/12/2011	93.35	4.40	ND	ND	88.95	<1	<1	<1	<3	BRL	15.4	<20	<1	<1	<1	<5	
	10/24/2011	93.35	4.07	ND	ND	89.28	<1	<1	<1	<3	BRL	19.3	<10	<1	<1	<1	<5	
	2/8/2012	93.35	4.10	ND	ND	89.25	<1	<1	<1	<3	BRL	2.49	<10	<1	<1	<1	<5	
	5/22/2012	93.35	4.76	ND	ND	88.59	<1	<1	<1	<3	BRL	17	<10	<1	<1	<1	<5	
	8/14/2012	93.35	4.15	ND	ND	89.20	<1	<1	1.07	<3	1.07	**27.3**	28.7	<2	<1	<1	<5	
	10/4/2012	93.35	4.35	ND	ND	89.00	<1	<1	<1	<3	BRL	10.5	<10	<2	<1	<1	<5	
	2/22/2013	93.35	4.35	ND	ND	89.00	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5	
	5/1/2013	93.35	4.01	ND	ND	89.34	<1	<1	<1	<3	BRL	1.53	26.6	<2	<1	<1	<5	
	8/6/2013	93.35	3.42	ND	ND	89.93	<1	<1	<1	<2	BRL	5.31	<10	<2	<1	<1	<5	
	10/3/2013	93.35	4.09	ND	ND	89.26	<1	<1	<1	<2	BRL	1.96	<10	<2	<1	<1	<5	
	3/6/2014	93.35	2.99	ND	ND	90.36	<1	<1	<1	<3	BRL	1.12	<10	<2	<1	<1	<5	
	6/12/2014	93.35	2.81	ND	ND	90.54	1.03	<1	<1	<2	1.03	5.08	<10	<2	<1	<1	<5	

Table 1
Groundwater Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, 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)**	**TBA (µg/L)**	**DIPE (µg/L)**	**ETBE (µg/L)**	**TAME (µg/L)**	**Naph-thalene (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*--*	*--*	*--*	*--*	*0.65*	
MW-11	6/1/2005	96.64	7.84	ND	ND	88.80	**461**	**1,410**	**1,690**	5,380	8,941	**748**	185	NA	NA	NA	NA	
	12/7/2005	96.64	8.48	ND	ND	88.16	**504**	488	**839**	2,500	4,331	**614**	ND(130)	NA	NA	NA	NA	
	5/24/2006	96.64	8.52	ND	ND	88.12	**270**	317	**729**	1,920	3,236	**422**	ND(130)	NA	NA	NA	NA	
	11/7/2006	96.64	6.10	ND	ND	90.54	**148**	117	463	921	1,649	**206**	55.8	NA	NA	NA	NA	
	6/21/2007	96.64	8.16	ND	ND	88.48	**102**	64.0	341	423	930	**185**	ND(25)	NA	NA	NA	NA	
	12/11/2007	96.64	9.15	ND	ND	87.49	**275**	307	**833**	2,060	3,475	**328**	ND(250)	NA	NA	NA	NA	
	3/24/2008	96.64	6.07	ND	ND	90.57	**135**	117	443	1,160	1,855	**289**	69.3 J	NA	NA	NA	NA	
	6/29/2008	96.64	7.96	ND	ND	88.68	**14.0**	12.4	12.7	159	198	**65.4**	ND(25)	ND(5.0)	ND(5.0)	4.2 J	**19.0**	
	8/14/2008	96.64	7.78	ND	ND	88.86	3.0	0.42 J	0.96 J	6	10.5 J	**36.7**	ND(25)	ND(5.0)	ND(5.0)	0.92 J	**2.1 J**	
	11/20/2008	96.64	9.18	ND	ND	87.46	**131**	89.5	**738**	1,570	2,529	**214**	ND(130)	ND(25)	ND(25)	ND(25)	**212**	
	2/11/2009	96.64	6.87	ND	ND	89.77	**65.8**	63.1	333	781	1,243	**149**	34.8	ND(5.0)	ND(5.0)	10.7	**87.3**	
	4/21/2009	96.64	5.68	ND	ND	90.96	**60.6**	48.9	360	758	1,228	**142**	34.5 J	ND(13)	ND(13)	10.9 J	**84.9**	
	7/31/2009	96.64	8.45	ND	ND	88.19	**60.4**	47.0	521	523	1,151	**169**	ND(50)	ND(10)	ND(10)	11.9	**118**	
	10/13/2009	96.64	6.73	ND	ND	89.91	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/27/2009	96.64	6.23	ND	ND	90.41	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	16.1	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	1/12/2010	96.64	5.22	ND	ND	91.42	**8.9**	4.5	70.9	95	180	19.2	ND(25)	ND(5.0)	ND(5.0)	1.4 J	**16.0**	
	4/21/2010	96.64	4.93	ND	ND	91.71	**29.6**	11.3	198	241	480	**76.1**	16.2 J	ND(5.0)	ND(5.0)	4.5 J	**51.8**	
	7/22/2010	96.64	9.31	ND	ND	87.33	**78.7**	64.2	**884**	1,210	2,237	**206**	ND(63)	ND(13)	ND(13)	17.4	**213**	
	11/23/2010	96.64	8.85	ND	ND	87.79	**103**	65.4	422	566	1,156	**176**	30.8	ND(5.0)	ND(5.0)	11.8	**143**	
	3/2/2011	96.64	5.96	ND	ND	90.68	**4.64**	4	47	66	121	12.8	<20	<1	<1	<1	**9.29**	
	5/19/2011	96.64	5.99	ND	ND	90.65	**16.4**	12	126	203	357	**41.7**	<20	<1	<1	<1	**35.2**	
	7/12/2011	96.64	8.58	ND	ND	88.06	**51.6**	37.8	432	487	1,008.4	**120**	<20	<1	<1	8.06	**87.5**	
	10/24/2011	96.64	6.36	ND	ND	90.28	**15.6**	12	158	218	403.6	**36.4**	<10	<1	<1	2.31	**44.8**	
	2/8/2012	96.64	5.96	ND	ND	90.68	**9.95**	10.4	143	228	391	**26**	<10	<1	<1	<1	**41.5**	
	5/22/2012	96.64	9.10	ND	ND	87.54	**31.4**	17	291	404	743.4	**87.4**	13.3	<1	<1	6.17	**65.9**	
	8/14/2012	96.64	10.51	ND	ND	86.13	**71.2**	56.8	**848**	1,270	2,246.0	**142**	<10	<2	<1	9.86	**157**	
	10/4/2012	96.64	10.82	ND	ND	85.82	**103**	72.9	667	967	1,809.9	**148**	32.7	<2	<1	12.1	**193**	
	2/22/2013	96.64	6.40	ND	ND	90.24	**8.17 [10.2]**	4.39 [6.51]	92.7 [129]	70.3 [125]	175.56 [270.71]	<1 [14.1]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [1.1]	**24.6 [9.39]**	
	5/1/2013	96.64	6.63	ND	ND	90.01	**15.9**	15.6	251	455	737.5	**52.4**	<10	<2	<1	3.87	**76**	
	8/6/2013	96.64	5.23	ND	ND	91.41	2.91	<1	15	7.81	25.72	8.31	<10	<2	<1	<1	**16.3**	
	10/3/2013	96.64	6.88	ND	ND	89.76	**6.65**	1.89	70.8	36.4	115.74	**21.0**	<10	<2	<1	1.56	**42.2**	
	3/6/2014	96.64	4.42	ND	ND	92.22	<1	1.05	3.85	7.92	12.82	<1	<10	<2	<1	<1	<5	
	6/12/2014	96.64	5.34	ND	ND	91.30	1.10	1.33	15.2	13.2	30.83	3.44	<10	<2	<1	<1	**7.40**	

Table 1
Groundwater Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, 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)**	**TBA (µg/L)**	**DIPE (µg/L)**	**ETBE (µg/L)**	**TAME (µg/L)**	**Naph-thalene (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	--	*20*	--	--	--	--	*0.65*	
MW-12	6/1/2005	100.00	10.50	ND	ND	89.50	3.6	ND(2)	ND(2)	ND(2)	3.6	**283**	ND(50)	NA	NA	NA	NA	
	12/7/2005	100.00	12.65	ND	ND	87.35	0.45 J	ND(1.0)	0.72 J	1.3	2.5 J	**135**	ND(25)	NA	NA	NA	NA	
	5/24/2006	100.00	13.16	ND	ND	86.84	4.0	25.1	31.7	101	162	**198**	ND(50)	NA	NA	NA	NA	
	11/7/2006	100.00	8.19	ND	ND	91.81	1.2	7.6	26.9	75.0	110.7	**161**	ND(25)	NA	NA	NA	NA	
	6/21/2007	100.00	12.97	ND	ND	87.03	1.8	7.3	15.4	48.6	73.1	**224**	ND(25)	NA	NA	NA	NA	
	12/11/2007	100.00	15.78	ND	ND	84.22	ND(1.0)	0.92 J	16.6	56.3	73.8 J	**25.7**	ND(25)	NA	NA	NA	NA	
	3/24/2008	100.00	7.98	ND	ND	92.02	0.84 J	0.38 J	1.3	4.1	6.6 J	**144**	11.2 J	NA	NA	NA	NA	
	6/29/2008	100.00	12.35	ND	ND	87.65	0.85 J	ND(1.0)	ND(1.0)	ND(1.0)	0.85 J	**153**	9.8 J	ND(5.0)	ND(5.0)	27.4	**1.4 J**	
	8/14/2008	100.00	13.85	ND	ND	86.15	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	**126**	ND(25)	ND(5.0)	ND(5.0)	21.6	ND(5.0)	
	11/20/2008	100.00	14.53	ND	ND	85.47	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	**56.0**	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	2/11/2009	100.00	9.07	ND	ND	90.93	0.31 J	ND(1.0)	0.31 J	0.81 J	1.43 J	**114**	ND(25)	ND(5.0)	ND(5.0)	14.3	**1.4 J**	
	4/21/2009	100.00	8.62	ND	ND	91.38	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	**96.7**	13.2 J	ND(5.0)	ND(5.0)	16.6	ND(5.0)	
	7/31/2009	100.00	13.86	ND	ND	86.14	ND(1.0)	1.5	0.61 J	1.6	3.7 J	**96.7**	ND(25)	ND(5.0)	ND(5.0)	18.0	ND(5.0)	
	10/13/2009	100.00	10.90	ND	ND	89.10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/27/2009	100.00	8.54	ND	ND	91.46	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	**38.8**	ND(25)	ND(5.0)	ND(5.0)	4.9 J	ND(5.0)	
	1/12/2010	100.00	7.36	ND	ND	92.64	0.32 J	ND(1.0)	ND(1.0)	ND(1.0)	0.32 J	**90.4**	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	4/21/2010	100.00	7.39	ND	ND	92.61	1.4	ND(1.0)	0.86 J	0.64 J	2.9 J	**80.9**	9.5 J	ND(5.0)	ND(5.0)	13.2	**2.6 J**	
	7/22/2010	100.00	15.90	ND	ND	84.10	ND(1.0)	1.1	1.3	5.0	7.4	**53.0**	ND(25)	ND(5.0)	ND(5.0)	13.1	ND(5.0)	
	11/23/2010	100.00	14.50	ND	ND	85.50	ND(1.0)	ND(1.0)	0.42 J	1.4	1.8 J	19.1	ND(25)	ND(5.0)	ND(5.0)	3.2 J	ND(5.0)	
	3/2/2011	100.00	7.72	ND	ND	92.28	<1 [<1]	<1 [<1]	<1 [<1]	<3 [<3]	BRL	**36.8 [35.5]**	<20 [<20]	<1 [<1]	<1 [<1]	6.32 [5.99]	<5 [<5]	
	5/19/2011	100.00	8.63	ND	ND	91.37	<1 [<1]	<1 [<1]	1.15 [1.02]	<3 [<3]	BRL	**60.9 [54.1]**	<20 [<20]	<1 [<1]	<1 [<1]	<1 [10.6]	**5.01 [<5]**	
	7/12/2011	100.00	14.09	ND	ND	85.91	<1	<1	<1	<3	BRL	**37**	<20	<1	<1	6.78	<5	
	10/24/2011	100.00	8.48	ND	ND	91.52	<1	1.62	<1	<3	1.62	**28.9**	<10	<1	<1	4.82	<5	
	2/8/2012	100.00	8.33	ND	ND	91.67	<1	<1	<1	<3	BRL	**43.9**	<10	<1	<1	<1	<5	
	5/22/2012	100.00	14.55	ND	ND	85.45	<1	<1	<1	<3	BRL	**27.1**	<10	<1	<1	4.11	<5	
	8/14/2012	100.00	17.95	ND	ND	82.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	insufficient volume for sample
	10/4/2012	100.00	dry	ND	ND	>100.00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	insufficient volume for sample
	2/22/2013	100.00	8.42	ND	ND	91.58	<1	<1	<1	<3	BRL	9.48	<10	<2	<1	1.41	<5	
	5/1/2013	100.00	9.13	ND	ND	90.87	<1	<1	<1	<3	BRL	**27.4**	<10	<2	<1	5.24	<5	
	8/6/2013	100.00	7.25	ND	ND	92.75	<1	<1	<1	<2	BRL	16.7	<10	<2	<1	3.06	<5	
	10/3/2013	100.00	9.83	ND	ND	90.17	<1	<1	<1	<2	BRL	13.7	<10	<2	<1	<1	<5	
	3/6/2014	100.00	6.91	ND	ND	93.09	<1	<1	<1	<3	BRL	15.2	<10	<2	<1	2.46	<5	
	6/12/2014	100.00	8.38	ND	ND	91.62	<1	<1	<1	<2	BRL	9.81	<10	<2	<1	1.86	<5	

Table 1
Groundwater Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, 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)**	**TBA (µg/L)**	**DIPE (µg/L)**	**ETBE (µg/L)**	**TAME (µg/L)**	**Naph-thalene (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*--*	*--*	*--*	*--*	*0.65*	
MW-13	6/1/2005	94.38	9.60	ND	ND	84.78	0.99 J	11.7	62.3	225	300 J	2.2	ND(25)	NA	NA	NA	NA	
	12/7/2005	94.38	10.93	ND	ND	83.45	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	NA	NA	NA	NA	
	5/24/2006	94.38	12.06	ND	ND	82.32	1.4	16.3	25.5	83.9	127.1	ND(1.0)	ND(25)	NA	NA	NA	NA	
	11/7/2006	94.38	7.87	ND	ND	86.51	ND(1.0)	1.5	7.3	21.2	30.0	ND(1.0)	ND(25)	NA	NA	NA	NA	
	6/21/2007	94.38	11.29	ND	ND	83.09	ND(1.0)	7.0	15.4	48.0	70.4	ND(1.0)	ND(25)	NA	NA	NA	NA	
	12/11/2007	94.38	11.61	ND	ND	82.77	ND(1.0)	0.76 J	10.5	31.0	42.3 J	ND(1.0)	ND(25)	NA	NA	NA	NA	
	3/24/2008	94.38	7.58	ND	ND	86.80	ND(1)	1.8	21.8	63.7	87.3	2.1	ND(25)	NA	NA	NA	NA	
	6/29/2008	94.38	11.11	ND	ND	83.27	ND(1.0)	ND(1.0)	ND(1.0)	0.91 J	0.91 J	0.46 J	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	8/14/2008	94.38	12.62	ND	ND	81.76	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	11/20/2008	94.38	11.97	ND	ND	82.41	ND(1.0)	ND(1.0)	0.56 J	1.3	1.9 J	0.64 J	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	2/11/2009	94.38	9.52	ND	ND	84.86	ND(1.0)	2.0	25.3	73.5	100.8	3.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	**11.8**	
	4/21/2009	94.38	3.75	ND	ND	90.63	ND(1.0)	0.45 J	8.0	18.3	26.8 J	1.7	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	**3.2 J**	
	7/31/2009	94.38	12.49	ND	ND	81.89	1.2	1.3	2.1	9.3	13.9	5.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	**5.3**	
	10/13/2009	94.38	10.00	ND	ND	84.38	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	10/27/2009	94.38	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	1/12/2010	94.38	6.36	ND	ND	88.02	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	4/21/2010	94.38	6.55	ND	ND	87.83	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	7/22/2010	94.38	14.77	ND	ND	79.61	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	11/23/2010	94.38	14.40	ND	ND	79.98	ND(1.0)	ND(1.0)	0.44 J	1.1	1.5 J	0.46 J	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	3/2/2011	94.38	4.58	ND	ND	89.80	<1	<1	5.25	11.8	17	<1	<20	<1	<1	<1	<5	
	5/19/2011	94.38	8.85	ND	ND	85.53	<1	<1	13.9	46.5	60	3.27	<20	<1	<1	<1	**7.24**	
	7/12/2011	94.38	12.63	ND	ND	81.75	<1	<1	14	43	57	5.76	<20	<1	<1	<1	**17.1**	
	10/24/2011	94.38	6.83	ND	ND	87.55	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5	
	2/8/2012	94.38	5.90	ND	ND	88.48	<1	<1	1.78	3.88	6	<1	<10	<1	<1	<1	<5	
	5/22/2012	94.38	13.05	ND	ND	81.33	<1	<1	2.72	<3	2.72	2.09	<10	<1	<1	<1	<5	
	8/14/2012	94.38	17.93	ND	ND	76.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	insufficient volume for sample
	10/4/2012	94.38	17.96	ND	ND	76.42	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	insufficient volume for sample
	2/22/2013	94.38	6.63	ND	ND	87.75	<1	<1	2.8	5.07	7.87	<1	<10	<2	<1	<1	<5	
	5/1/2013	94.38	9.34	ND	ND	85.04	<1	<1	9.56	25.6	35.16	1.95	28	<2	<1	<1	<5	
	8/6/2013	94.38	5.22	ND	ND	89.16	<1	<1	3.34	5.64	8.98	1.56	<10	<2	<1	<1	**5.24**	
	10/3/2013	94.38	8.91	ND	ND	85.47	<1	<1	6.58	19.4	25.98	2.41	<10	<2	<1	<1	<5	
	3/6/2014	94.38	3.95	ND	ND	90.43	<1	<1	1.97	<3	1.97	<1	<10	<2	<1	<1	<5	
	6/12/2014	94.38	5.88	ND	ND	88.50	<1	<1	11.9	30.2	42.1	1.98	<10	<2	<1	<1	<5	

Table 1
Groundwater Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, 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)**	**TBA (µg/L)**	**DIPE (µg/L)**	**ETBE (µg/L)**	**TAME (µg/L)**	**Naph-thalene (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*--*	*--*	*--*	*--*	*0.65*	
MW-14	6/1/2005	93.10	11.90	ND	ND	81.20	**456**	51.1	50.8	144	702	**102**	ND(50)	NA	NA	NA	NA	
	12/7/2005	93.10	11.58	ND	ND	81.52	ND(1.0)	5.3	ND(1.0)	ND(1.0)	5.3	ND(1.0)	ND(25)	NA	NA	NA	NA	
	5/24/2006	93.10	12.88	ND	ND	80.22	**66.7**	14.8	23.5	86.1	191.1	**25.9**	23.2 J	NA	NA	NA	NA	
	11/7/2006	93.10	8.87	ND	ND	84.23	**62.9**	3.1	8.8	35.9	110.7	**28.5**	24.4 J	NA	NA	NA	NA	
	6/21/2007	93.10	12.69	ND	ND	80.41	**580**	75.8	87.3	225	968	**142**	141	NA	NA	NA	NA	
	12/11/2007	93.10	10.25	ND	ND	82.85	ND(1.0)	0.31 J	2.9	9.5	12.7 J	ND(1.0)	ND(25)	NA	NA	NA	NA	
	3/24/2008	93.10	8.40	ND	ND	84.70	4.7	0.41 J	0.47 J	1	7 J	5.3	ND(25)	NA	NA	NA	NA	
	6/29/2008	93.10	12.50	ND	ND	80.60	**27.0**	2.8	1.7	19.8	51.3	**32.5**	11.3 J	ND(5.0)	ND(5.0)	ND(5.0)	**2.9 J**	
	8/14/2008	93.10	14.52	ND	ND	78.58	**104**	0.33 J	1.3	11.5	117 J	**61.7**	42.2	0.80 J	ND(5.0)	ND(5.0)	**15.9**	
	11/20/2008	93.10	12.32	ND	ND	80.78	0.72 J	ND(1.0)	ND(1.0)	ND(1.0)	0.72 J	2.4	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	2/11/2009	93.10	10.33	ND	ND	82.77	**19.8**	1.1	1.2	2.7	24.8	18.2	11.3 J	ND(5.0)	ND(5.0)	ND(5.0)	**1.5 J**	
	4/21/2009	93.10	7.85	ND	ND	85.25	2.0	ND(1.0)	ND(1.0)	ND(1.0)	2.0	3.6	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	7/31/2009	93.10	13.09	ND	ND	80.01	**109**	4.9	1.7	33.1	149	**69.6**	44.2	1.1 J	ND(5.0)	ND(5.0)	**11.2**	
	10/13/2009	93.10	11.37	ND	ND	81.73	**41.7**	4.4	ND(1.0)	7.3	53.4	**23.7**	17.1 J	0.38 J	ND(5.0)	ND(5.0)	**6.0**	
	10/27/2009	93.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	1/12/2010	93.10	8.54	ND	ND	84.56	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.1	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	4/21/2010	93.10	5.98	ND	ND	87.12	**45**	10.1	9.0	38.0	102.1	**39.6**	21.4 J	0.57 J	ND(5.0)	ND(5.0)	**10.4**	
	7/22/2010	93.10	15.94	ND	ND	77.16	**118**	0.61 J	0.90 J	20.4	140 J	**109**	100	1.9 J	ND(5.0)	ND(5.0)	**28.8**	
	11/23/2010	93.10	17.50	ND	ND	75.60	ND(1.0)	0.50 J	0.54 J	0.27 J	1.31 J	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	**1.6 J**	
	3/2/2011	93.10	7.59	ND	ND	85.51	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5	
	5/19/2011	93.10	9.91	ND	ND	83.19	**28.1**	17.9	22.4	62.7	131	**49.4**	<20	<1	<1	<1	**8.02**	
	7/12/2011	93.10	13.98	ND	ND	79.12	**161 [151]**	<1 [<1]	11.5 [9.9]	61.9 [52.7]	234.4 [213.6]	**79.1 [78.4]**	31.7 [31.1]	<1 [<1]	<1 [<1]	1.29 [1.27]	**42.2 [35.7]**	
	10/24/2011	93.10	9.91	ND	ND	83.19	**14.6 [13.3]**	<1 [<1]	<1 [<1]	4.11 [3.67]	18.71 [16.97]	14.1 [13]	<10 [<10]	<1 [<1]	<1 [<1]	<1 [<1]	<5 [<5]	
	2/8/2012	93.10	9.09	ND	ND	84.01	**9.79**	<1	<1	6.09	16	17.4	<10	<1	<1	<1	<5	
	5/22/2012	93.10	15.07	ND	ND	78.03	**22.4**	<1	<1	<3	22.4	**65.1**	13	<1	<1	<1	**7.29**	
	8/14/2012	93.10	18.05	ND	ND	75.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	insufficient volume for sample
	10/4/2012	93.10	dry	ND	ND	>93.10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	insufficient volume for sample
	2/22/2013	93.10	9.57	ND	ND	83.53	<1	1.32	3.46	12.2	16.98	<1	<10	<2	<1	<1	<5	
	5/1/2013	93.10	10.82	ND	ND	82.28	<1	<1	<1	<3	BRL	5.7	<10	<2	<1	<1	<5	
	8/6/2013	93.10	7.67	ND	ND	85.43	2.4	<1	<1	8.29	10.69	10.1	<10	<2	<1	<1	<5	
	10/3/2013	93.10	11.24	ND	ND	81.86	**10.6**	<1	<1	2.58	13.18	**24.9**	<10	<2	<1	<1	**9.44**	
	3/6/2014	93.10	7.26	ND	ND	85.84	<1	<1	<1	<3	BRL	1.15	<10	<2	<1	<1	<5	
	6/12/2014	93.10	9.68	ND	ND	83.42	**31.2**	5.76	9.49	41.8	88.25	**41.7**	20.7	<2	<1	<1	**15.3**	

Table 1
Groundwater Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, 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)**	**TBA (µg/L)**	**DIPE (µg/L)**	**ETBE (µg/L)**	**TAME (µg/L)**	**Naph-thalene (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*--*	*--*	*--*	*--*	*0.65*	
MW-15	6/1/2005	92.40	8.31	ND	ND	84.09	1.6	ND(1.0)	0.87 J	2.3	4.8 J	ND(1.0)	ND(25)	NA	NA	NA	NA	
	12/7/2005	92.40	6.02	ND	ND	86.38	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	NA	NA	NA	NA	
	5/24/2006	92.40	8.51	ND	ND	83.89	0.68 J	8.5	15.8	51.7	76.7 J	ND(1.0)	ND(25)	NA	NA	NA	NA	
	11/7/2006	92.40	5.32	ND	ND	87.08	ND(1.0)	2.7	10.7	31.9	45.3	ND(1.0)	ND(25)	NA	NA	NA	NA	
	6/21/2007	92.40	11.29	ND	ND	81.11	1.8	5.0	11.6	35.5	53.9	ND(1.0)	ND(25)	NA	NA	NA	NA	
	12/11/2007	92.40	7.31	ND	ND	85.09	ND(1.0)	ND(1.0)	1.6	5.3	6.9	ND(1.0)	ND(25)	NA	NA	NA	NA	
	3/24/2008	92.40	5.22	ND	ND	87.18	0.78 J	ND(1)	ND(1)	ND(1)	0.78 J	ND(1)	ND(25)	NA	NA	NA	NA	
	6/29/2008	92.40	7.79	ND	ND	84.61	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	8/14/2008	92.40	9.00	ND	ND	83.40	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	11/20/2008	92.40	4.84	ND	ND	87.56	1.2	ND(1.0)	ND(1.0)	ND(1.0)	1.2	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	2/11/2009	92.40	6.66	ND	ND	85.74	2.3	ND(1.0)	0.63 J	0.65 J	3.6 J	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	**2.0 J**	
	4/21/2009	92.40	1.90	ND	ND	90.50	0.60 J	ND(1.0)	ND(1.0)	ND(1.0)	0.60 J	1.1	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	7/31/2009	92.40	8.55	ND	ND	83.85	0.55 J	4.7	1.5	4.6	11.4 J	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	10/13/2009	92.40	7.90	ND	ND	84.50	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	10/27/2009	92.40	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	1/12/2010	92.40	5.21	ND	ND	87.19	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	4/21/2010	92.40	5.88	ND	ND	86.52	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	7/22/2010	92.40	10.31	ND	ND	82.09	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	11/23/2010	92.40	11.14	ND	ND	81.26	1.7	ND(1.0)	0.34 J	0.27 J	2.3 J	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	3/2/2011	92.40	3.94	ND	ND	88.46	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5	
	5/19/2011	92.40	6.56	ND	ND	85.84	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5	
	7/12/2011	92.40	8.88	ND	ND	83.52	1.4	<1	<1	<3	1.4	<1	<20	<1	<1	<1	<5	
	10/24/2011	92.40	6.76	ND	ND	85.64	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5	
	2/8/2012	92.40	7.45	ND	ND	84.95	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5	
	5/22/2012	92.40	9.45	ND	ND	82.95	1.89	<1	<1	<3	1.89	<1	<10	<1	<1	<1	<5	
	8/14/2012	92.40	11.82	ND	ND	80.58	4.05	<1	1.88	<3	5.93	<1	<10	<2	<1	<1	<5	
	10/4/2012	92.40	13.96	ND	ND	78.44	**10.5**	<1	8.57	<3	19.07	<1	<10	<2	<1	<1	<5	
	2/22/2013	92.40	6.10	ND	ND	86.30	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5	
	5/1/2013	92.40	7.11	ND	ND	85.29	<1	1.04	2.47	7.96	11.47	<1	15.5	<2	<1	<1	<5	
	8/6/2013	92.40	4.15	ND	ND	88.25	<1	<1	1	2.97	3.97	<1	<10	<2	<1	<1	**5.86**	
	10/3/2013	92.40	7.41	ND	ND	84.99	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5	
	3/6/2014	92.40	4.46	ND	ND	87.94	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5	
	6/12/2014	92.40	6.78	ND	ND	85.62	1.78	<1	<1	<2	1.78	<1	<10	<2	<1	<1	<5	

Table 1
Groundwater Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, 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)**	**TBA (µg/L)**	**DIPE (µg/L)**	**ETBE (µg/L)**	**TAME (µg/L)**	**Naph-thalene (µg/L)**	**Comments**
							5	*1,000*	*700*	*10,000*	*--*	*20*	*--*	*--*	*--*	*--*	*0.65*	
MW-16	6/1/2005	90.30	7.42	ND	ND	82.88	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	NA	NA	NA	NA	
	12/7/2005	90.30	6.12	ND	ND	84.18	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	NA	NA	NA	NA	
	5/24/2006	90.30	7.50	ND	ND	82.80	ND(1.0)	2.0	6.0	31.6	39.6	ND(1.0)	ND(25)	NA	NA	NA	NA	
	11/7/2006	90.30	5.16	ND	ND	85.14	0.51 J	4.7	17.8	51.1	74.1 J	ND(1.0)	ND(25)	NA	NA	NA	NA	
	6/21/2007	90.30	8.50	ND	ND	81.80	ND(1.0)	9.8	19.8	61.8	91.4	ND(1.0)	ND(25)	NA	NA	NA	NA	
	12/11/2007	90.30	5.84	ND	ND	84.46	ND(1.0)	ND(1.0)	1.0	3.3	4.3	ND(1.0)	ND(25)	NA	NA	NA	NA	
	3/24/2008	90.30	5.13	ND	ND	85.17	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(25)	NA	NA	NA	NA	
	6/29/2008	90.30	7.19	ND	ND	83.11	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	8/14/2008	90.30	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well not located, not sampled
	11/20/2008	90.30	9.43	ND	ND	80.87	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	2/11/2009	90.30	6.05	ND	ND	84.25	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	4/21/2009	90.30	4.15	ND	ND	86.15	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.54 J	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	7/31/2009	90.30	6.50	ND	ND	83.80	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	10/13/2009	90.30	5.15	ND	ND	85.15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	10/27/2009	90.30	3.95	ND	ND	86.35	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	1/12/2010	90.30	5.16	ND	ND	85.14	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	4/21/2010	90.30	4.96	ND	ND	85.34	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	7/22/2010	90.30	8.49	ND	ND	81.81	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	11/23/2010	90.30	7.49	ND	ND	82.81	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	
	3/2/2011	90.30	4.89	ND	ND	85.41	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5	
	5/19/2011	90.30	5.36	ND	ND	84.94	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5	
	7/12/2011	90.30	8.84	ND	ND	81.46	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5	
	10/24/2011	90.30	5.48	ND	ND	84.82	<1	<1	1.3	4.55	BRL	<1	<10	<1	<1	<1	<5	
	2/8/2012	90.30	5.41	ND	ND	84.89	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5	
	5/22/2012	90.30	8.83	ND	ND	81.47	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5	
	8/14/2012	90.30	11.87	ND	ND	78.43	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5	
	10/4/2012	90.30	10.99	ND	ND	79.31	<1	<1	1.09	<3	1.09	<1	<10	<2	<1	<1	<5	
	2/22/2013	90.30	5.70	ND	ND	84.60	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5	
	5/1/2013	90.30	5.94	ND	ND	84.36	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5	
	8/6/2013	90.30	4.56	ND	ND	85.74	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5	
	10/3/2013	90.30	6.01	ND	ND	84.29	<1	<1	1.12	3.11	4.23	<1	<10	<2	<1	<1	<5	
	3/6/2014	90.30	4.83	ND	ND	85.47	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5	
	6/12/2014	90.30	5.65	ND	ND	84.65	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5	

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, ethylbenzene, and total xylenes
DIPE - Di-Isopropyl Ether
ETBE - Ethyl Tertiary Butyl Ether
GW - Groundwater
J - Indicates an estimated value
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
TAME - Tertiary Amyl Methyl Ether
TBA - Tertiary Butyl Alcohol

Table 2
Potable Water Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, Maryland

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph-thalene (µg/L)	Comments
215 Bayview	4/9/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.19 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
223 Bayview	12/19/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.19	ND(5.0)	NA	NA	NA	NA	
	6/12/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.29 J	ND(5.0)	NA	NA	NA	ND(0.50)	
	1/30/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.32 J	ND(5.0)	NA	NA	NA	ND(0.50)	
	4/9/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.18 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
223 Bayview	6/23/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	NA	
	12/19/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	NA	
	6/12/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	1/30/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	4/9/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
237 Bayview	6/23/2005	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	0.11 J	ND(5.0)	NA	NA	NA	NA	
	12/19/2005	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.50)	BRL	0.11 J	ND(5.0)	NA	NA	NA	NA	
	6/12/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	1/30/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	4/9/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
243 Bayview	6/23/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.18 J	ND(5.0)	NA	NA	NA	NA	
	12/19/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.18 J	ND(5.0)	NA	NA	NA	NA	
	6/12/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	1/30/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	4/9/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.070 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
246 Bayview	6/23/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	NA	
	12/19/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.1	ND(5.0)	NA	NA	NA	NA	
	6/12/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	1/30/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	4/9/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.16 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	9/23/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.13 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	

Table 2
Potable Water Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, Maryland

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph-thalene (µg/L)	Comments
256 Bayview	6/23/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	1.00	ND(5.0)	NA	NA	NA	NA	
	12/19/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.8	ND(5.0)	NA	NA	NA	NA	
	6/12/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.67	ND(5.0)	NA	NA	NA	ND(0.50)	
	1/30/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.76	ND(5.0)	NA	NA	NA	ND(0.50)	
259 Bayview	3/30/2005	0.1	0.081	ND(0.50)	ND(0.50)	0.2	15.5	41	NA	NA	NA	NA	
	6/23/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	21.1	68.1	NA	NA	NA	NA	
	8/29/2005	0.18 J	0.30 J	ND(0.50)	0.15 J	0.63 J	16.8	52.8	NA	NA	NA	ND(0.50)	
	9/26/2005	0.083	ND(0.50)	ND(0.50)	0.213	0.296	16.4	44.3	NA	NA	NA	NA	
	10/25/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	19.3	38.6	NA	NA	NA	NA	
	11/14/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	5.9	16.7	NA	NA	NA	NA	
	12/19/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	19.8	50.0	NA	NA	NA	NA	
	1/20/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	13.3	44.3	NA	NA	NA	ND(0.50)	
	3/3/2006	0.096 J	ND(0.50)	ND(0.50)	ND(0.50)	0.096 J	16.9	53.6	NA	NA	NA	ND(0.50)	
	4/3/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	17.6	65.3	NA	NA	NA	ND(0.50)	
	5/15/2006	0.087 J	ND(0.50)	ND(0.50)	ND(0.50)	0.087 J	20.0	58.9	NA	NA	NA	ND(0.50)	
	6/12/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	18.4	64.5	NA	NA	NA	ND(0.50)	
	7/27/2006	0.083 J	ND(0.50)	ND(0.50)	ND(0.50)	0.083 J	22.1	73.7	NA	NA	NA	ND(0.50)	
	8/29/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	23.7	98.6	NA	NA	NA	ND(0.50)	
	9/26/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	25.7	73.8	ND(0.50)	ND(0.50)	1.7	ND(0.50)	
	10/31/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	30.2	93.0	ND(0.50)	ND(0.50)	1.5	ND(0.50)	
	11/30/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	30.9	103	NA	NA	NA	ND(0.50)	
	12/19/2006	0.084 J	ND(0.50)	ND(0.50)	ND(0.50)	0.084 J	32.5	121	ND(0.50)	ND(0.50)	2.0	ND(0.50)	
	1/30/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	33.2	128	NA	NA	NA	ND(0.50)	
	2/28/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	38.6	133	NA	NA	NA	ND(0.50)	
	3/15/2007	0.096 J	ND(0.50)	ND(0.50)	ND(0.50)	0.096 J	33.1	140	0.14 J	ND(0.50)	1.6	ND(0.50)	

Table 2
Potable Water Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, Maryland

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph-thalene (µg/L)	Comments
259 Bayview EFF	3/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	4/17/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	5/31/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/22/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	9/19/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	4.7 J	NA	NA	NA	ND(0.50)	
	11/29/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	22.4	NA	NA	NA	ND(0.50)	
	3/24/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.22 J	4.8 J	NA	NA	NA	ND(0.50)	
	6/30/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.18 J	100	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	9/23/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.15 J	111	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	11/20/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	2/11/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	4/21/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	7/31/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	10.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	10/13/2009	ND(0.50)	0.25 J	ND(0.50)	ND(0.50)	0.25 J	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	1/13/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	4/21/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	7/22/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	11/23/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	16.1	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	3/1/2011	<0.5	<0.5	<0.5	<1	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	
	5/19/2011	<0.5	<0.5	<0.5	<1	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	
	7/12/2011	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5	
	10/24/2011	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5	
	2/8/2012	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5	
	5/23/2012	<0.5	<0.5	<0.5	<1	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	
	8/14/2012	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<2	<5	
	10/4/2012	<0.5	<0.5	<0.5	<1	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	
	2/22/2013	<0.5	<0.5	<0.5	<1	BRL	<0.5	26.1	<0.5	<0.5	<0.5	<5	
	5/1/2013	<0.5	<0.5	<0.5	<1	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	
	8/6/2013	<0.5	<0.5	<0.5	<1	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	
	10/3/2013	<0.5	<0.5	<0.5	<1	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	
	3/6/2014	<0.5	<0.5	<0.5	<1	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	
	6/12/2014	<0.5	<0.5	<0.5	<1	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	

Table 2
Potable Water Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, Maryland

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph-thalene (µg/L)	Comments
259 Bayview INF	3/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	32.2	136	NA	NA	NA	ND(0.50)	
	4/17/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	29.9	104	NA	NA	NA	ND(0.50)	
	5/31/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	38.0	145	NA	NA	NA	ND(0.50)	
	6/22/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	36.8	133	NA	NA	NA	ND(0.50)	
	9/19/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	39.9	158	NA	NA	NA	ND(0.50)	
	10/23/2007	0.081 J	ND(0.50)	ND(0.50)	ND(0.50)	0.081 J	39.3	142	NA	NA	NA	ND(0.50)	
	11/29/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	37.6	189	NA	NA	NA	ND(0.50)	
	3/24/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	35.0	148	NA	NA	NA	ND(0.50)	
	6/30/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	37.9	105	0.093 J	ND(0.50)	1.4	ND(0.50)	
	9/23/2008	0.087 J	ND(0.50)	ND(0.50)	ND(0.50)	0.087 J	47.3	149	0.082 J	ND(0.50)	1.2	ND(0.50)	
	11/20/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	38.2	131	0.11 J	ND(0.50)	1.6	ND(0.50)	
	2/11/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	35.8	102	ND(0.50)	ND(0.50)	1.3	ND(0.50)	
	4/21/2009	0.079 J	ND(0.50)	ND(0.50)	ND(0.50)	0.079 J	44.6	121	0.095 J	ND(0.50)	1.5	ND(0.50)	
	7/31/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	34.5	134	0.075 J	ND(0.50)	1.2	ND(0.50)	
	10/13/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	35.6	118	0.11 J	ND(0.50)	1.3	ND(0.50)	
	1/13/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	50.9	173	ND(0.50)	ND(0.50)	1.6	ND(0.50)	
	4/21/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	40.6	105	0.19 J	ND(0.50)	1.5	ND(0.50)	
	7/22/2010	0.083 J	ND(0.50)	ND(0.50)	ND(0.50)	0.083 J	40.3	123	0.19 J	ND(0.50)	1.4	ND(0.50)	
	11/23/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	39.6	91	0.12 J	ND(0.50)	1.2	ND(0.50)	
	3/1/2011	<0.5	<0.5	<0.5	<1	BRL	43.6	59.9	1.58	<0.5	<0.5	<5	
	5/19/2011	<0.5	<0.5	<0.5	<1	BRL	44.8	86.2	<0.5	<0.5	1.63	<5	
	7/12/2011	<1	<1	<1	<3	BRL	43.2	114	<1	<1	1.85	<5	
	10/24/2011	<1	<1	<1	<3	BRL	42.6	99.3	1.49	<1	<1	<5	
	2/8/2012	<1	<1	<1	<3	BRL	39.2	90.1	1.12	<1	<1	<5	
	5/23/2012	<0.5	<0.5	<0.5	<1	BRL	45.4	65.2	<0.5	<0.5	1.68	<5	
	8/14/2012	<1	<1	<1	<3	BRL	36	51.6	<1	<1	<2	<5	
	10/4/2012	<0.5	<0.5	<0.5	<1	BRL	47.9	70.5	1.38	<0.5	<0.5	<5	
	2/22/2013	<0.5	<0.5	<0.5	<1	BRL	47.7	64.8	1.3	<0.5	<0.5	<5	
	5/1/2013	<0.5	<0.5	<0.5	<1	BRL	49	134	<0.5	<0.5	1.32	<5	
	8/6/2013	<0.5	<0.5	<0.5	<1	BRL	51.8	154	<0.5	<0.5	1.49	<5	
	10/3/2013	<0.5	<0.5	<0.5	<1	BRL	38.4	90.6	<0.5	<0.5	1.36	<5	
	3/6/2014	<0.5	<0.5	<0.5	<1	BRL	48	117	<0.5	<0.5	1.3	<5	
	6/12/2014	<0.5	<0.5	<0.5	<1	BRL	52.7	155	<0.5	<0.5	1.63	<5	

Table 2
Potable Water Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, Maryland

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph-thalene (µg/L)	Comments
259 Bayview MID	3/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	4/17/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	5/31/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/22/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	9/19/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	56.3	NA	NA	NA	ND(0.50)	
	10/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	85.5	NA	NA	NA	ND(0.50)	
	11/29/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	156	NA	NA	NA	ND(0.50)	
	3/24/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.089 J	3.7 J	NA	NA	NA	ND(0.50)	
	6/30/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	10.0	81.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	9/23/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.49 J	119	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	11/20/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	2/11/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	4/21/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	4.3 J	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	7/31/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	93.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	10/13/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	1/13/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	58.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	4/21/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	20.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	7/22/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	11/23/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	101	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	3/1/2011	<0.5	<0.5	<0.5	<1	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	
	5/19/2011	<0.5	<0.5	<0.5	<1	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	
	7/12/2011	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5	
	10/24/2011	<1	<1	<1	<3	BRL	<1	63.4	<1	<1	<1	<5	
	2/8/2012	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5	
	5/23/2012	<0.5	<0.5	<0.5	<1	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	
	8/14/2012	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<2	<5	
	10/4/2012	<0.5	<0.5	<0.5	<1	BRL	<0.5	27.2	<0.5	<0.5	<0.5	<5	
	2/22/2013	<0.5	<0.5	<0.5	<1	BRL	<0.5	76.9	<0.5	<0.5	<0.5	<5	
	5/1/2013	<0.5	<0.5	<0.5	<1	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	
	8/6/2013	<0.5	<0.5	<0.5	<1	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	
	10/3/2013	<0.5	<0.5	<0.5	<1	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	
	3/6/2014	<0.5	<0.5	<0.5	<1	BRL	<0.5	75.8	<0.5	<0.5	<0.5	<5	
	6/12/2014	<0.5	<0.5	<0.5	<1	BRL	<0.5	56.5	<0.5	<0.5	<0.5	<5	

Table 2
Potable Water Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, Maryland

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph-thalene (µg/L)	Comments
261 Bayview	6/23/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	1.1	ND(5.0)	NA	NA	NA	NA	
	9/26/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	1.2	ND(5.0)	NA	NA	NA	NA	
	12/19/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	1.7	2.6	NA	NA	NA	NA	
	6/12/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	1.6	2.8 J	NA	NA	NA	ND(0.50)	
	1/30/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	2.6	6.4	NA	NA	NA	ND(0.50)	
	9/23/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	4.6	16.3	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	12/9/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	5.0	18.5	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	2/11/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	4.0	12.4	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	4/21/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	5.1	16.0	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	7/31/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	5.9	17.1	ND(0.50)	ND(0.50)	0.34 J	ND(0.50)	
	10/13/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	5.2	18.3	ND(0.50)	ND(0.50)	0.22 J	ND(0.50)	
	1/13/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	6.7	21.8	ND(0.50)	ND(0.50)	0.31 J	ND(0.50)	
	4/21/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	6.4	16.0	ND(0.50)	ND(0.50)	0.34 J	ND(0.50)	
	7/22/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	7.0	21.3	ND(0.50)	ND(0.50)	0.30 J	ND(0.50)	
	11/23/2010	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	6.4	19.4	ND(0.50)	ND(0.50)	0.25 J	ND(0.50)	
	3/1/2011	<0.5	<0.5	<0.5	<1	BRL	7.2	11.6	<0.5	<0.5	<0.5	<5	
	5/19/2011	<0.5	<0.5	<0.5	<1	BRL	6.8	15.0	<0.5	<0.5	<0.5	<5	
	7/12/2011	<1	<1	<1	<3	BRL	7.41	<20	<1	<1	<1	<5	
	10/24/2011	<1	<1	<1	<3	BRL	8.85	<10	<1	<1	<1	<5	
	2/8/2012	<1	<1	<1	<3	BRL	6.03	<10	<1	<1	<1	<5	
	5/23/2012	<0.5	<0.5	<0.5	<1	BRL	10.2	21.6	<0.5	<0.5	<0.5	<5	
	8/14/2012	<1	<1	<1	<3	BRL	8.03	23.1	<1	<1	<1	<5	
	10/4/2012	<0.5	<0.5	<0.5	<1	BRL	8.71	14.5	<0.5	<0.5	<0.5	<5	
	2/22/2013	<0.5	<0.5	<0.5	<1	BRL	10.1	28.6	<0.5	<0.5	<0.5	<5	
	5/1/2013	<0.5	<0.5	<0.5	<1	BRL	7.81	29.5	<0.5	<0.5	<0.5	<5	
	8/6/2013	<0.5	<0.5	<0.5	<1	BRL	9.01	51	<0.5	<0.5	<0.5	<5	
	10/3/2013	<0.5	<0.5	<0.5	<1	BRL	7.30	15.5	<0.5	<0.5	<0.5	<5	
	3/6/2014	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Unable to sample (spigot shut off)
	6/12/2014	<0.5	<0.5	<0.5	<1	BRL	8.24	19.4	<0.5	<0.5	<0.5	<5	

Table 2
Potable Water Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, Maryland

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph-thalene (µg/L)	Comments
265 Bayview	6/23/2005	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	0.57	ND(5.0)	NA	NA	NA	NA	
	12/19/2005	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.50)	BRL	0.47	ND(5.0)	NA	NA	NA	NA	
	6/12/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.57	ND(5.0)	NA	NA	NA	ND(0.50)	
	9/23/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.35 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
280 Bayview EFF	3/30/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	NA	
	6/23/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND	ND(5.0)	NA	NA	NA	NA	
	9/26/2005	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	0.34 J	ND(5)	NA	NA	NA	NA	
	12/19/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	3/27/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/12/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/31/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	12/19/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	3/15/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	5/31/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	7/27/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	3/24/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/30/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	9/23/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	11/20/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	2/11/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	4/21/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	

Table 2
Potable Water Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, Maryland

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph-thalene (µg/L)	Comments
280 Bayview INF	3/30/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.27 J	ND(5.0)	NA	NA	NA	NA	
	6/23/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND	ND(5.0)	NA	NA	NA	NA	
	9/26/2005	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	0.32 J	ND(5)	NA	NA	NA	NA	
	12/19/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.19 J	ND(5.0)	NA	NA	NA	ND(0.50)	
	3/27/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.22 J	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/12/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.36 J	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/31/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.24 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	12/19/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.24 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	3/15/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.23 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	5/31/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.17 J	ND(5.0)	NA	NA	NA	ND(0.50)	
	7/27/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.15 J	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.15 J	ND(5.0)	NA	NA	NA	ND(0.50)	
	3/24/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.15 J	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/30/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.18 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	9/23/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.13 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	11/20/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.14 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	2/11/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	4/21/2009	ND(0.50)	0.052 J	ND(0.50)	ND(0.50)	0.052 J	0.14 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
280 Bayview MID	5/31/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	7/27/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	3/24/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/30/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.090 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	9/23/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	11/20/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	2/11/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	4/21/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.10 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	

Table 2
Potable Water Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, Maryland

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph-thalene (µg/L)	Comments
281 Bayview EFF	3/30/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	NA	
	6/23/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	NA	
	9/26/2005	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(5)	NA	NA	NA	NA	
	12/19/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	4/3/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/12/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/31/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	12/19/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	3/15/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	5/31/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	3/24/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/30/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	9/23/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	11/18/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	2/11/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	4/21/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	

Table 2
Potable Water Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, Maryland

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph-thalene (µg/L)	Comments
281 Bayview INF	3/30/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.5	ND(5.0)	NA	NA	NA	NA	
	6/23/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND	ND(5.0)	NA	NA	NA	NA	
	9/26/2005	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	0.64	ND(5)	NA	NA	NA	NA	
	12/19/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.76	ND(5.0)	NA	NA	NA	ND(0.50)	
	4/3/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.57	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/12/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.36 J	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/31/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.24 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	12/19/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.74	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	3/15/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.69	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	5/31/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.67	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.70	ND(5.0)	NA	NA	NA	ND(0.50)	
	3/24/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.66	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/30/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.70	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	9/23/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	11/18/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.66	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	2/11/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.75	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	4/21/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.73	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
281 Bayview MID	5/31/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	3/24/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/30/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	9/23/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.22 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	11/18/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	2/11/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	4/21/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	

Table 2
Potable Water Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, Maryland

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph-thalene (µg/L)	Comments
285 Bayview EFF	3/30/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	NA	
	6/23/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	NA	
	9/26/2005	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(5)	NA	NA	NA	NA	
	12/19/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	3/27/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/12/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.31 J	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/31/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	12/19/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	3/15/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	5/31/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	3/24/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/30/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	9/23/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	11/18/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	2/11/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	4/21/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	

Table 2
Potable Water Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, Maryland

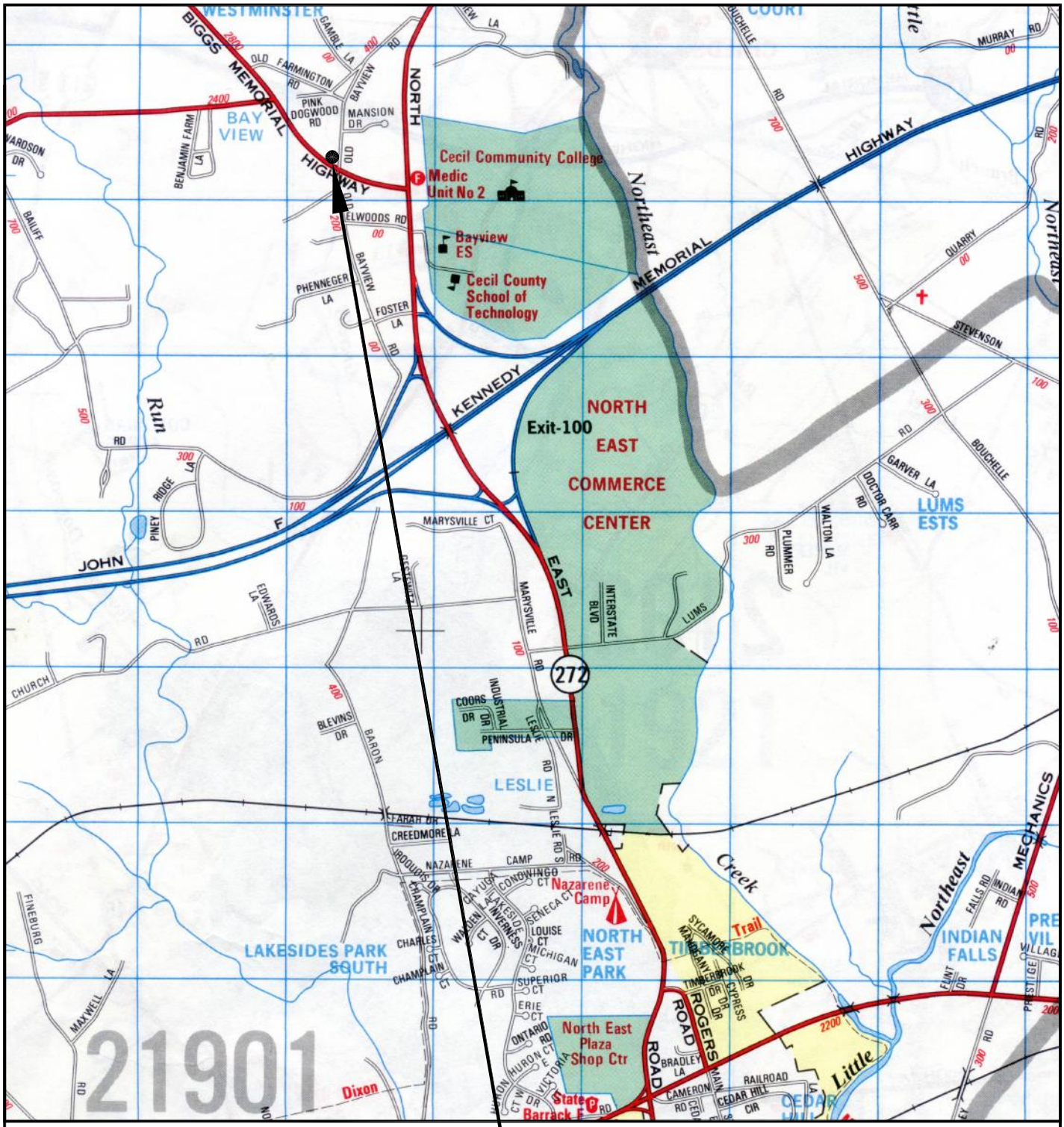
Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph-thalene (µg/L)	Comments
285 Bayview INF	3/30/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.66	ND(5.0)	NA	NA	NA	NA	
	6/23/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.53	ND(5.0)	NA	NA	NA	NA	
	9/26/2005	1.4	ND(0.5)	ND(0.5)	ND(0.5)	1.4	1.0	ND(5)	NA	NA	NA	NA	
	12/19/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.80	ND(5.0)	NA	NA	NA	ND(0.50)	
	3/27/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.36 J	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/12/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.72	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/31/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.71	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	12/19/2006	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.27 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	3/15/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	5/31/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	3/24/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/30/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	9/23/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.71	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	11/18/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	2/11/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	4/21/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
285 Bayview MID	5/31/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	NA	NA	NA	ND(0.50)	
	10/23/2007	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.11 J	ND(5.0)	NA	NA	NA	ND(0.50)	
	3/24/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.17 J	ND(5.0)	NA	NA	NA	ND(0.50)	
	6/30/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.26 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	9/23/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	ND(0.50)	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	11/18/2008	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.20 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	2/11/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.16 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	
	4/24/2009	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	0.19 J	ND(5.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	

Table 2
Potable Water Monitoring and Analytical Data
Exxon Service Station #14489
285 Old Bayview Drive
North East, Maryland

Notes:

µg/L - micrograms/liter
BRL - Below laboratory reporting limits
BTEX - Benzene, toluene, ethylbenzene, and total xylenes
DIPE - Di-Isopropyl Ether
ETBE - Ethyl Tertiary Butyl Ether
J - Indicates an estimated value
MTBE - Methyl Tert Butyl Ether
NA - Not analyzed
ND(5.0) - Not detected at or above the laboratory reporting limit, laboratory reporting limit included.
NS - Not sampled
TAME - Tertiary Amyl Methyl Ether
TBA - Tertiary Butyl Alcohol

Figures

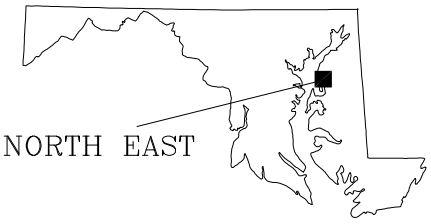


MAP SOURCE: ADC Cecil Co. MD. Street Map Book

SITE

0 1,000 2,000

SCALE: FEET



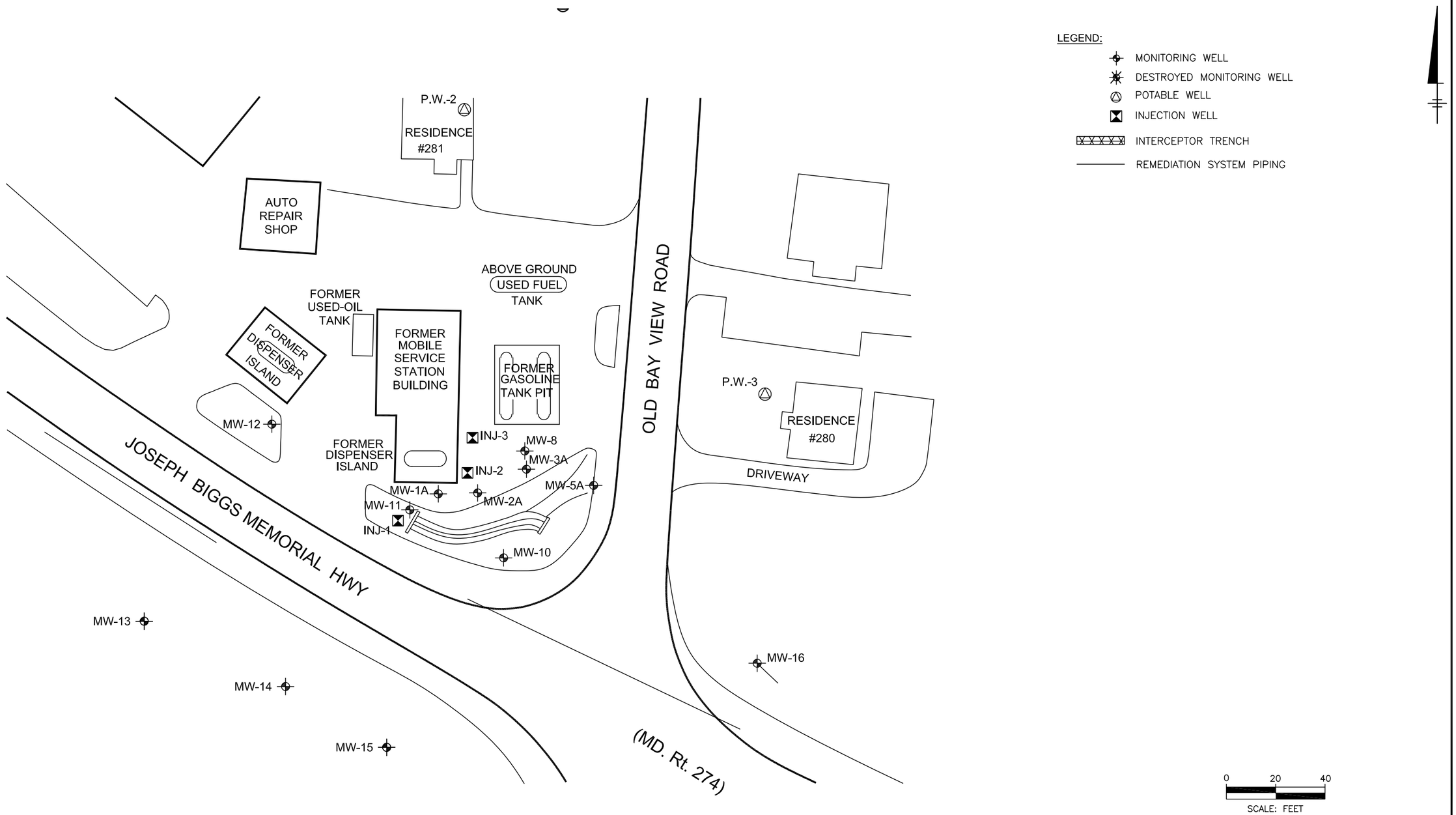
FORMER EXXON FACILITY # 14489
285 OLD BAY VIEW ROAD
NORTH EAST, MARYLAND

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\0010\00002\285 Old Bay View RD-Site-Loc.dwg LAYOUT: 1 SAVED: 4/28/2011 1:20 PM ACADVER: 18.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ACAD.CTB PLOTTED: 4/29/2011 10:57 AM BY: GOFORTH, JOHN



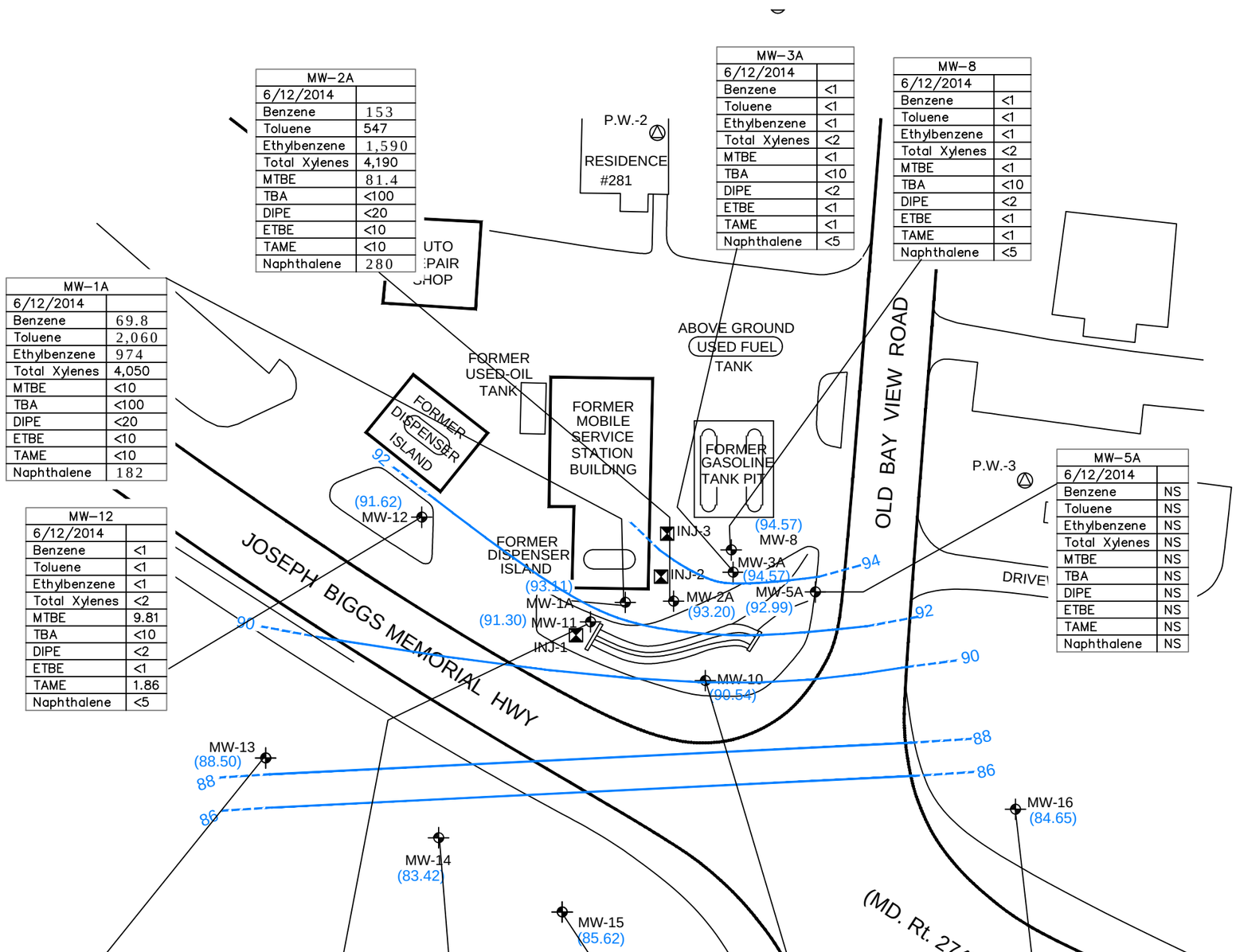
FORMER EXXON FACILITY # 14489
285 OLD BAY VIEW ROAD
NORTH EAST, MARYLAND

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\LEXINGTON_KY\ACT_2012\B0085851\0010\00003\0010B01.dwg LAYOUT: 3 SAVED: 4/19/2012 2:34 PM ACADVER: 18.0S (LMS TECH) PAGESETUP: LEX PDF B PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 4/19/2012
2:35 PM BY: RIDDLE, RHONDA
XREFS: PROJECTNAME: ---



LEGEND:

- MONITORING WELL
- DESTROYED MONITORING WELL
- POTABLE WELL
- INJECTION WELL
- INTERCEPTOR TRENCH
- REMEDIATION SYSTEM PIPING
- 90 — GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MEAN SEA LEVEL)
- (81.33) GROUND WATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)

MW–2A	
6/12/2014	
Benzene	153
Toluene	547
Ethylbenzene	1,590
Total Xylenes	4,190
MTBE	81.4
TBA	<100
DIPE	<20
ETBE	<10
TAME	<10
Naphthalene	280

MW–3A	
6/12/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<2
MTBE	<1
TBA	<10
DIPE	<2
ETBE	<1
TAME	<1
Naphthalene	<5

MW–8	
6/12/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<2
MTBE	<1
TBA	<10
DIPE	<2
ETBE	<1
TAME	<1
Naphthalene	<5

MW–1A	
6/12/2014	
Benzene	69.8
Toluene	2,060
Ethylbenzene	974
Total Xylenes	4,050
MTBE	<10
TBA	<100
DIPE	<20
ETBE	<10
TAME	<10
Naphthalene	182

MW–12	
6/12/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<2
MTBE	9.81
TBA	<10
DIPE	<2
ETBE	<1
TAME	1.86
Naphthalene	<5

MW–5A	
6/12/2014	
Benzene	NS
Toluene	NS
Ethylbenzene	NS
Total Xylenes	NS
MTBE	NS
TBA	NS
DIPE	NS
ETBE	NS
TAME	NS
Naphthalene	NS

Notes	
all results listed in µg/L (micrograms per liter)	
[254] – MDE Residential Groundwater Standard	
MDE – Maryland Department of the Environment	
boldface values exceed RBSL	
MTBE	methyl tertiary butyl ether
TBA	Tertiary Butyl Alcohol
TAME	Tertiary Amyl Methyl Ether
ETBE	Ethyl Tertiary Butyl Ether
DIPE	Di–Isopropyl Ether
TPH–GRO	total petroleum hydrocarbons – gasoline range organics
TPH–DRO	total petroleum hydrocarbons – diesel range organics
NS	Not Sampled

MDE Residential Groundwater Standards	
Benzene	5
Toluene	1000
Ethylbenzene	700
Total Xylenes	10000
MTBE	20
TBA	––
TAME	––
ETBE	––
DIPE	––
Naphthalene	0.65
TPH–GRO	47
TPH–DRO	47

MW–13	
6/12/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	11.9
Total Xylenes	30.2
MTBE	1.98
TBA	<10
DIPE	<2
ETBE	<1
TAME	<1
Naphthalene	<5

MW–11	
6/12/2014	
Benzene	1.10
Toluene	1.33
Ethylbenzene	15.2
Total Xylenes	13.2
MTBE	3.44
TBA	<10
DIPE	<2
ETBE	<1
TAME	<1
Naphthalene	7.40

MW–14	
6/12/2014	
Benzene	31.2
Toluene	5.76
Ethylbenzene	9.49
Total Xylenes	41.8
MTBE	41.7
TBA	20.7
DIPE	<2
ETBE	<1
TAME	<1
Naphthalene	15.3

MW–15	
6/12/2014	
Benzene	1.78
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<2
MTBE	<1
TBA	<10
DIPE	<2
ETBE	<1
TAME	<1
Naphthalene	<5

MW–10	
6/12/2014	
Benzene	1.03
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<2
MTBE	5.08
TBA	<10
DIPE	<2
ETBE	<1
TAME	<1
Naphthalene	<5

MW–16	
6/12/2014	
Benzene	<1
Toluene	<1
Ethylbenzene	<1
Total Xylenes	<2
MTBE	<1
TBA	<10
DIPE	<2
ETBE	<1
TAME	<1
Naphthalene	<5

0 20 40
SCALE: FEET

FORMER EXXON FACILITY # 14489
285 OLD BAY VIEW ROAD
NORTH EAST, MARYLAND

GROUNDWATER ELEVATION CONTOURS AND ANALYTICAL DATA 12 JUNE 2014

ARCADIS

FIGURE 3

CITY:(Read) DIV/GROUP:(Read) LD:(Opt) PIC:(Opt) PM:(Read) TM:(Opt) LYR:(Opt)ON=*:OFF=*REF* PAGESETUP: ---- PLOTSTYLETABLE: ARCADIS.CTB
G:\ENVCAD\Raleigh\ACT\B0085851\0010\00006\DWG\B0085851_0010_00003_W01_2Q2014.dwg LAYOUT: 3 SAVED: 9/23/2014 12:34 PM ACADVER: 18.1S (LMS TECH)
PLOTTED: 9/23/2014 3:15 PM BY: ELLIS, LEKOREY
XREFS: PROJECTNAME: ---

Appendix A

TestAmerica Laboratory Analytical Reports (28 June 2014)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 490-55453-1
Client Project/Site: #14489 - North East, MD

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

Attn: Sterling Turner

Jennifer Huckaba

Authorized for release by:
6/28/2014 3:08:00 PM

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

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Sample Summary 3
Case Narrative 4
Definitions 5
Client Sample Results 6
QC Sample Results 34
QC Association 54
Chronicle 55
Method Summary 58
Certification Summary 59
Chain of Custody 60
Receipt Checklists 63

Sample Summary

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-55453-1	MW-1A(061214)	Water	06/12/14 10:55	06/14/14 08:30
490-55453-2	MW-2A(061214)	Water	06/12/14 14:50	06/14/14 08:30
490-55453-3	MW-3A(061214)	Water	06/12/14 09:50	06/14/14 08:30
490-55453-4	MW-8(061214)	Water	06/12/14 10:20	06/14/14 08:30
490-55453-5	MW-10(061214)	Water	06/12/14 14:40	06/14/14 08:30
490-55453-6	MW-11(061214)	Water	06/12/14 11:55	06/14/14 08:30
490-55453-7	MW-12(061214)	Water	06/12/14 11:40	06/14/14 08:30
490-55453-8	MW-13(061214)	Water	06/12/14 10:40	06/14/14 08:30
490-55453-9	MW-14(061214)	Water	06/12/14 09:45	06/14/14 08:30
490-55453-10	MW-15(061214)	Water	06/12/14 09:00	06/14/14 08:30
490-55453-11	MW-16(061214)	Water	06/12/14 15:25	06/14/14 08:30
490-55453-12	DUP-1(061214)	Water	06/12/14 12:00	06/14/14 08:30
490-55453-13	RB-1(061214)	Water	06/12/14 18:00	06/14/14 08:30
490-55453-14	TB-1(061214)	Water	06/12/14 00:01	06/14/14 08:30

Case Narrative

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Job ID: 490-55453-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-55453-1

Comments
No additional comments.

Receipt
The samples were received on 6/14/2014 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 171408 recovered outside control limits for the following analyte: bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The following samples were diluted due to the nature of the sample matrix: DUP-1(061214) (490-55453-12), MW-1A(061214) (490-55453-1), MW-2A(061214) (490-55453-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 171533 recovered outside control limits for the following analyte: 1,2-dichloropropane.

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

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

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
E	Result exceeded calibration range.
F2	MS/MSD RPD exceeds control limits
*	RPD of the LCS and LCSD exceeds the control limits

Glossary

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

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-1A(061214)

Lab Sample ID: 490-55453-1

Date Collected: 06/12/14 10:55

Matrix: Water

Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		250		ug/L			06/21/14 08:52	10
Benzene	**69.8**		10.0		ug/L			06/21/14 08:52	10
Bromobenzene	ND		10.0		ug/L			06/21/14 08:52	10
Bromochloromethane	ND		10.0		ug/L			06/21/14 08:52	10
Bromodichloromethane	ND		10.0		ug/L			06/21/14 08:52	10
Bromoform	ND		10.0		ug/L			06/21/14 08:52	10
Bromomethane	ND		10.0		ug/L			06/21/14 08:52	10
2-Butanone (MEK)	ND		500		ug/L			06/21/14 08:52	10
Carbon disulfide	ND		10.0		ug/L			06/21/14 08:52	10
Carbon tetrachloride	ND		10.0		ug/L			06/21/14 08:52	10
Chlorobenzene	ND		10.0		ug/L			06/21/14 08:52	10
Chlorodibromomethane	ND		10.0		ug/L			06/21/14 08:52	10
Chloroethane	ND		10.0		ug/L			06/21/14 08:52	10
Chloroform	ND		10.0		ug/L			06/21/14 08:52	10
Chloromethane	ND		10.0		ug/L			06/21/14 08:52	10
2-Chlorotoluene	ND		10.0		ug/L			06/21/14 08:52	10
4-Chlorotoluene	ND		10.0		ug/L			06/21/14 08:52	10
cis-1,2-Dichloroethene	ND		10.0		ug/L			06/21/14 08:52	10
cis-1,3-Dichloropropene	ND		10.0		ug/L			06/21/14 08:52	10
1,2-Dibromo-3-Chloropropane	ND		100		ug/L			06/21/14 08:52	10
1,2-Dibromoethane (EDB)	ND		10.0		ug/L			06/21/14 08:52	10
Dibromomethane	ND		10.0		ug/L			06/21/14 08:52	10
1,2-Dichlorobenzene	ND		10.0		ug/L			06/21/14 08:52	10
1,3-Dichlorobenzene	ND		10.0		ug/L			06/21/14 08:52	10
1,4-Dichlorobenzene	ND		10.0		ug/L			06/21/14 08:52	10
Dichlorodifluoromethane	ND		10.0		ug/L			06/21/14 08:52	10
1,1-Dichloroethane	ND		10.0		ug/L			06/21/14 08:52	10
1,2-Dichloroethane	ND		10.0		ug/L			06/21/14 08:52	10
1,1-Dichloroethene	ND		10.0		ug/L			06/21/14 08:52	10
1,2-Dichloropropane	ND		10.0		ug/L			06/21/14 08:52	10
1,3-Dichloropropane	ND		10.0		ug/L			06/21/14 08:52	10
2,2-Dichloropropane	ND		10.0		ug/L			06/21/14 08:52	10
1,1-Dichloropropene	ND		10.0		ug/L			06/21/14 08:52	10
Diisopropyl ether	ND		20.0		ug/L			06/21/14 08:52	10
Ethylbenzene	**974**		10.0		ug/L			06/21/14 08:52	10
Ethyl tert-butyl ether	ND		10.0		ug/L			06/21/14 08:52	10
Hexachlorobutadiene	ND		20.0		ug/L			06/21/14 08:52	10
2-Hexanone	ND		100		ug/L			06/21/14 08:52	10
Isopropylbenzene	**65.0**		10.0		ug/L			06/21/14 08:52	10
Methylene Chloride	ND		50.0		ug/L			06/21/14 08:52	10
4-Methyl-2-pentanone (MIBK)	ND		100		ug/L			06/21/14 08:52	10
Methyl tert-butyl ether	ND		10.0		ug/L			06/21/14 08:52	10
Naphthalene	**182**		50.0		ug/L			06/21/14 08:52	10
n-Butylbenzene	ND		10.0		ug/L			06/21/14 08:52	10
N-Propylbenzene	**135**		10.0		ug/L			06/21/14 08:52	10
p-Isopropyltoluene	ND		10.0		ug/L			06/21/14 08:52	10
sec-Butylbenzene	**10.8**		10.0		ug/L			06/21/14 08:52	10
Styrene	ND		10.0		ug/L			06/21/14 08:52	10
Tert-amyl methyl ether	ND		10.0		ug/L			06/21/14 08:52	10

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-1A(061214)

Lab Sample ID: 490-55453-1

Date Collected: 06/12/14 10:55

Matrix: Water

Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		100		ug/L			06/21/14 08:52	10
tert-Butylbenzene	ND		10.0		ug/L			06/21/14 08:52	10
1,1,1,2-Tetrachloroethane	ND		10.0		ug/L			06/21/14 08:52	10
1,1,2,2-Tetrachloroethane	ND		10.0		ug/L			06/21/14 08:52	10
Tetrachloroethene	ND		10.0		ug/L			06/21/14 08:52	10
Toluene	**2060**		50.0		ug/L			06/21/14 16:26	50
trans-1,2-Dichloroethene	ND		10.0		ug/L			06/21/14 08:52	10
trans-1,3-Dichloropropene	ND		10.0		ug/L			06/21/14 08:52	10
1,2,3-Trichlorobenzene	ND		10.0		ug/L			06/21/14 08:52	10
1,2,4-Trichlorobenzene	ND		10.0		ug/L			06/21/14 08:52	10
1,1,1-Trichloroethane	ND		10.0		ug/L			06/21/14 08:52	10
1,1,2-Trichloroethane	ND		10.0		ug/L			06/21/14 08:52	10
Trichloroethene	ND		10.0		ug/L			06/21/14 08:52	10
Trichlorofluoromethane	ND		10.0		ug/L			06/21/14 08:52	10
1,2,3-Trichloropropane	ND		10.0		ug/L			06/21/14 08:52	10
1,2,4-Trimethylbenzene	**1540**		10.0		ug/L			06/21/14 08:52	10
1,3,5-Trimethylbenzene	**425**		10.0		ug/L			06/21/14 08:52	10
Vinyl chloride	ND		10.0		ug/L			06/21/14 08:52	10
Xylenes, Total	**4050**		100		ug/L			06/21/14 16:26	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*06/21/14 08:52*	*10*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*06/21/14 16:26*	*50*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*06/21/14 08:52*	*10*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*06/21/14 16:26*	*50*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*06/21/14 08:52*	*10*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*06/21/14 16:26*	*50*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/21/14 08:52*	*10*
Toluene-d8 (Surr)	*101*		*70 - 130*		*06/21/14 16:26*	*50*

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-2A(061214)
Date Collected: 06/12/14 14:50
Date Received: 06/14/14 08:30

Lab Sample ID: 490-55453-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		250		ug/L			06/21/14 09:19	10
Benzene	**153**		10.0		ug/L			06/21/14 09:19	10
Bromobenzene	ND		10.0		ug/L			06/21/14 09:19	10
Bromochloromethane	ND		10.0		ug/L			06/21/14 09:19	10
Bromodichloromethane	ND		10.0		ug/L			06/21/14 09:19	10
Bromoform	ND		10.0		ug/L			06/21/14 09:19	10
Bromomethane	ND		10.0		ug/L			06/21/14 09:19	10
2-Butanone (MEK)	ND		500		ug/L			06/21/14 09:19	10
Carbon disulfide	ND		10.0		ug/L			06/21/14 09:19	10
Carbon tetrachloride	ND		10.0		ug/L			06/21/14 09:19	10
Chlorobenzene	ND		10.0		ug/L			06/21/14 09:19	10
Chlorodibromomethane	ND		10.0		ug/L			06/21/14 09:19	10
Chloroethane	ND		10.0		ug/L			06/21/14 09:19	10
Chloroform	ND		10.0		ug/L			06/21/14 09:19	10
Chloromethane	ND		10.0		ug/L			06/21/14 09:19	10
2-Chlorotoluene	ND		10.0		ug/L			06/21/14 09:19	10
4-Chlorotoluene	ND		10.0		ug/L			06/21/14 09:19	10
cis-1,2-Dichloroethene	ND		10.0		ug/L			06/21/14 09:19	10
cis-1,3-Dichloropropene	ND		10.0		ug/L			06/21/14 09:19	10
1,2-Dibromo-3-Chloropropane	ND		100		ug/L			06/21/14 09:19	10
1,2-Dibromoethane (EDB)	ND		10.0		ug/L			06/21/14 09:19	10
Dibromomethane	ND		10.0		ug/L			06/21/14 09:19	10
1,2-Dichlorobenzene	ND		10.0		ug/L			06/21/14 09:19	10
1,3-Dichlorobenzene	ND		10.0		ug/L			06/21/14 09:19	10
1,4-Dichlorobenzene	ND		10.0		ug/L			06/21/14 09:19	10
Dichlorodifluoromethane	ND		10.0		ug/L			06/21/14 09:19	10
1,1-Dichloroethane	ND		10.0		ug/L			06/21/14 09:19	10
1,2-Dichloroethane	ND		10.0		ug/L			06/21/14 09:19	10
1,1-Dichloroethene	ND		10.0		ug/L			06/21/14 09:19	10
1,2-Dichloropropane	ND		10.0		ug/L			06/21/14 09:19	10
1,3-Dichloropropane	ND		10.0		ug/L			06/21/14 09:19	10
2,2-Dichloropropane	ND		10.0		ug/L			06/21/14 09:19	10
1,1-Dichloropropene	ND		10.0		ug/L			06/21/14 09:19	10
Diisopropyl ether	ND		20.0		ug/L			06/21/14 09:19	10
Ethylbenzene	**1590**		10.0		ug/L			06/21/14 09:19	10
Ethyl tert-butyl ether	ND		10.0		ug/L			06/21/14 09:19	10
Hexachlorobutadiene	ND		20.0		ug/L			06/21/14 09:19	10
2-Hexanone	ND		100		ug/L			06/21/14 09:19	10
Isopropylbenzene	**47.3**		10.0		ug/L			06/21/14 09:19	10
Methylene Chloride	ND		50.0		ug/L			06/21/14 09:19	10
4-Methyl-2-pentanone (MIBK)	ND		100		ug/L			06/21/14 09:19	10
Methyl tert-butyl ether	**81.4**		10.0		ug/L			06/21/14 09:19	10
Naphthalene	**280**		50.0		ug/L			06/21/14 09:19	10
n-Butylbenzene	ND		10.0		ug/L			06/21/14 09:19	10
N-Propylbenzene	**82.5**		10.0		ug/L			06/21/14 09:19	10
p-Isopropyltoluene	ND		10.0		ug/L			06/21/14 09:19	10
sec-Butylbenzene	ND		10.0		ug/L			06/21/14 09:19	10
Styrene	ND		10.0		ug/L			06/21/14 09:19	10
Tert-amyl methyl ether	ND		10.0		ug/L			06/21/14 09:19	10

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-2A(061214)

Lab Sample ID: 490-55453-2

Date Collected: 06/12/14 14:50

Matrix: Water

Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		100		ug/L			06/21/14 09:19	10
tert-Butylbenzene	ND		10.0		ug/L			06/21/14 09:19	10
1,1,1,2-Tetrachloroethane	ND		10.0		ug/L			06/21/14 09:19	10
1,1,2,2-Tetrachloroethane	ND		10.0		ug/L			06/21/14 09:19	10
Tetrachloroethene	ND		10.0		ug/L			06/21/14 09:19	10
Toluene	**547**		10.0		ug/L			06/21/14 09:19	10
trans-1,2-Dichloroethene	ND		10.0		ug/L			06/21/14 09:19	10
trans-1,3-Dichloropropene	ND		10.0		ug/L			06/21/14 09:19	10
1,2,3-Trichlorobenzene	ND		10.0		ug/L			06/21/14 09:19	10
1,2,4-Trichlorobenzene	ND		10.0		ug/L			06/21/14 09:19	10
1,1,1-Trichloroethane	ND		10.0		ug/L			06/21/14 09:19	10
1,1,2-Trichloroethane	ND		10.0		ug/L			06/21/14 09:19	10
Trichloroethene	ND		10.0		ug/L			06/21/14 09:19	10
Trichlorofluoromethane	ND		10.0		ug/L			06/21/14 09:19	10
1,2,3-Trichloropropane	ND		10.0		ug/L			06/21/14 09:19	10
1,2,4-Trimethylbenzene	**1080**		10.0		ug/L			06/21/14 09:19	10
1,3,5-Trimethylbenzene	**242**		10.0		ug/L			06/21/14 09:19	10
Vinyl chloride	ND		10.0		ug/L			06/21/14 09:19	10
Xylenes, Total	**4190**		100		ug/L			06/21/14 16:53	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*06/21/14 09:19*	*10*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*06/21/14 16:53*	*50*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*06/21/14 09:19*	*10*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*06/21/14 16:53*	*50*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*06/21/14 09:19*	*10*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*06/21/14 16:53*	*50*
Toluene-d8 (Surr)	*102*		*70 - 130*		*06/21/14 09:19*	*10*
Toluene-d8 (Surr)	*99*		*70 - 130*		*06/21/14 16:53*	*50*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-3A(061214)

Lab Sample ID: 490-55453-3

Date Collected: 06/12/14 09:50
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/21/14 06:36	1
Benzene	ND		1.00		ug/L			06/21/14 06:36	1
Bromobenzene	ND		1.00		ug/L			06/21/14 06:36	1
Bromochloromethane	ND		1.00		ug/L			06/21/14 06:36	1
Bromodichloromethane	ND		1.00		ug/L			06/21/14 06:36	1
Bromoform	ND		1.00		ug/L			06/21/14 06:36	1
Bromomethane	ND		1.00		ug/L			06/21/14 06:36	1
2-Butanone (MEK)	ND		50.0		ug/L			06/21/14 06:36	1
Carbon disulfide	ND		1.00		ug/L			06/21/14 06:36	1
Carbon tetrachloride	ND		1.00		ug/L			06/21/14 06:36	1
Chlorobenzene	ND		1.00		ug/L			06/21/14 06:36	1
Chlorodibromomethane	ND		1.00		ug/L			06/21/14 06:36	1
Chloroethane	ND		1.00		ug/L			06/21/14 06:36	1
Chloroform	ND		1.00		ug/L			06/21/14 06:36	1
Chloromethane	ND		1.00		ug/L			06/21/14 06:36	1
2-Chlorotoluene	ND		1.00		ug/L			06/21/14 06:36	1
4-Chlorotoluene	ND		1.00		ug/L			06/21/14 06:36	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 06:36	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 06:36	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/21/14 06:36	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/21/14 06:36	1
Dibromomethane	ND		1.00		ug/L			06/21/14 06:36	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/21/14 06:36	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/21/14 06:36	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/21/14 06:36	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/21/14 06:36	1
1,1-Dichloroethane	ND		1.00		ug/L			06/21/14 06:36	1
1,2-Dichloroethane	ND		1.00		ug/L			06/21/14 06:36	1
1,1-Dichloroethene	ND		1.00		ug/L			06/21/14 06:36	1
1,2-Dichloropropane	ND		1.00		ug/L			06/21/14 06:36	1
1,3-Dichloropropane	ND		1.00		ug/L			06/21/14 06:36	1
2,2-Dichloropropane	ND		1.00		ug/L			06/21/14 06:36	1
1,1-Dichloropropene	ND		1.00		ug/L			06/21/14 06:36	1
Diisopropyl ether	ND		2.00		ug/L			06/21/14 06:36	1
Ethylbenzene	ND		1.00		ug/L			06/21/14 06:36	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/21/14 06:36	1
Hexachlorobutadiene	ND		2.00		ug/L			06/21/14 06:36	1
2-Hexanone	ND		10.0		ug/L			06/21/14 06:36	1
Isopropylbenzene	ND		1.00		ug/L			06/21/14 06:36	1
Methylene Chloride	ND		5.00		ug/L			06/21/14 06:36	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/21/14 06:36	1
Methyl tert-butyl ether	ND		1.00		ug/L			06/21/14 06:36	1
Naphthalene	ND		5.00		ug/L			06/21/14 06:36	1
n-Butylbenzene	ND		1.00		ug/L			06/21/14 06:36	1
N-Propylbenzene	ND		1.00		ug/L			06/21/14 06:36	1
p-Isopropyltoluene	ND		1.00		ug/L			06/21/14 06:36	1
sec-Butylbenzene	ND		1.00		ug/L			06/21/14 06:36	1
Styrene	ND		1.00		ug/L			06/21/14 06:36	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/21/14 06:36	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-3A(061214)

Lab Sample ID: 490-55453-3

Date Collected: 06/12/14 09:50

Matrix: Water

Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/21/14 06:36	1
tert-Butylbenzene	ND		1.00		ug/L			06/21/14 06:36	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 06:36	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 06:36	1
Tetrachloroethene	ND		1.00		ug/L			06/21/14 06:36	1
Toluene	ND		1.00		ug/L			06/21/14 06:36	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 06:36	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 06:36	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/21/14 06:36	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/21/14 06:36	1
1,1,1-Trichloroethane	ND		1.00		ug/L			06/21/14 06:36	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/21/14 06:36	1
Trichloroethene	ND		1.00		ug/L			06/21/14 06:36	1
Trichlorofluoromethane	ND		1.00		ug/L			06/21/14 06:36	1
1,2,3-Trichloropropane	ND		1.00		ug/L			06/21/14 06:36	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			06/21/14 06:36	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			06/21/14 06:36	1
Vinyl chloride	ND		1.00		ug/L			06/21/14 06:36	1
Xylenes, Total	ND		2.00		ug/L			06/21/14 06:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*06/21/14 06:36*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*06/21/14 06:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*06/21/14 06:36*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/21/14 06:36*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-8(061214)

Lab Sample ID: 490-55453-4

Date Collected: 06/12/14 10:20
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/21/14 07:03	1
Benzene	ND		1.00		ug/L			06/21/14 07:03	1
Bromobenzene	ND		1.00		ug/L			06/21/14 07:03	1
Bromochloromethane	ND		1.00		ug/L			06/21/14 07:03	1
Bromodichloromethane	ND		1.00		ug/L			06/21/14 07:03	1
Bromoform	ND		1.00		ug/L			06/21/14 07:03	1
Bromomethane	ND		1.00		ug/L			06/21/14 07:03	1
2-Butanone (MEK)	ND		50.0		ug/L			06/21/14 07:03	1
Carbon disulfide	ND		1.00		ug/L			06/21/14 07:03	1
Carbon tetrachloride	ND		1.00		ug/L			06/21/14 07:03	1
Chlorobenzene	ND		1.00		ug/L			06/21/14 07:03	1
Chlorodibromomethane	ND		1.00		ug/L			06/21/14 07:03	1
Chloroethane	ND		1.00		ug/L			06/21/14 07:03	1
Chloroform	ND		1.00		ug/L			06/21/14 07:03	1
Chloromethane	ND		1.00		ug/L			06/21/14 07:03	1
2-Chlorotoluene	ND		1.00		ug/L			06/21/14 07:03	1
4-Chlorotoluene	ND		1.00		ug/L			06/21/14 07:03	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 07:03	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 07:03	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/21/14 07:03	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/21/14 07:03	1
Dibromomethane	ND		1.00		ug/L			06/21/14 07:03	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/21/14 07:03	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/21/14 07:03	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/21/14 07:03	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/21/14 07:03	1
1,1-Dichloroethane	ND		1.00		ug/L			06/21/14 07:03	1
1,2-Dichloroethane	ND		1.00		ug/L			06/21/14 07:03	1
1,1-Dichloroethene	ND		1.00		ug/L			06/21/14 07:03	1
1,2-Dichloropropane	ND		1.00		ug/L			06/21/14 07:03	1
1,3-Dichloropropane	ND		1.00		ug/L			06/21/14 07:03	1
2,2-Dichloropropane	ND		1.00		ug/L			06/21/14 07:03	1
1,1-Dichloropropene	ND		1.00		ug/L			06/21/14 07:03	1
Diisopropyl ether	ND		2.00		ug/L			06/21/14 07:03	1
Ethylbenzene	ND		1.00		ug/L			06/21/14 07:03	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/21/14 07:03	1
Hexachlorobutadiene	ND		2.00		ug/L			06/21/14 07:03	1
2-Hexanone	ND		10.0		ug/L			06/21/14 07:03	1
Isopropylbenzene	ND		1.00		ug/L			06/21/14 07:03	1
Methylene Chloride	ND		5.00		ug/L			06/21/14 07:03	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/21/14 07:03	1
Methyl tert-butyl ether	ND		1.00		ug/L			06/21/14 07:03	1
Naphthalene	ND		5.00		ug/L			06/21/14 07:03	1
n-Butylbenzene	ND		1.00		ug/L			06/21/14 07:03	1
N-Propylbenzene	ND		1.00		ug/L			06/21/14 07:03	1
p-Isopropyltoluene	ND		1.00		ug/L			06/21/14 07:03	1
sec-Butylbenzene	ND		1.00		ug/L			06/21/14 07:03	1
Styrene	ND		1.00		ug/L			06/21/14 07:03	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/21/14 07:03	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-8(061214)

Lab Sample ID: 490-55453-4

Date Collected: 06/12/14 10:20

Matrix: Water

Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/21/14 07:03	1
tert-Butylbenzene	ND		1.00		ug/L			06/21/14 07:03	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 07:03	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 07:03	1
Tetrachloroethene	ND		1.00		ug/L			06/21/14 07:03	1
Toluene	ND		1.00		ug/L			06/21/14 07:03	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 07:03	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 07:03	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/21/14 07:03	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/21/14 07:03	1
1,1,1-Trichloroethane	ND		1.00		ug/L			06/21/14 07:03	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/21/14 07:03	1
Trichloroethene	ND		1.00		ug/L			06/21/14 07:03	1
Trichlorofluoromethane	ND		1.00		ug/L			06/21/14 07:03	1
1,2,3-Trichloropropane	ND		1.00		ug/L			06/21/14 07:03	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			06/21/14 07:03	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			06/21/14 07:03	1
Vinyl chloride	ND		1.00		ug/L			06/21/14 07:03	1
Xylenes, Total	ND		2.00		ug/L			06/21/14 07:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*06/21/14 07:03*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*06/21/14 07:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*06/21/14 07:03*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*06/21/14 07:03*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-10(061214)

Lab Sample ID: 490-55453-5

Date Collected: 06/12/14 14:40
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/21/14 07:31	1
Benzene	**1.03**		1.00		ug/L			06/21/14 07:31	1
Bromobenzene	ND		1.00		ug/L			06/21/14 07:31	1
Bromochloromethane	ND		1.00		ug/L			06/21/14 07:31	1
Bromodichloromethane	ND		1.00		ug/L			06/21/14 07:31	1
Bromoform	ND		1.00		ug/L			06/21/14 07:31	1
Bromomethane	ND		1.00		ug/L			06/21/14 07:31	1
2-Butanone (MEK)	ND		50.0		ug/L			06/21/14 07:31	1
Carbon disulfide	ND		1.00		ug/L			06/21/14 07:31	1
Carbon tetrachloride	ND		1.00		ug/L			06/21/14 07:31	1
Chlorobenzene	ND		1.00		ug/L			06/21/14 07:31	1
Chlorodibromomethane	ND		1.00		ug/L			06/21/14 07:31	1
Chloroethane	ND		1.00		ug/L			06/21/14 07:31	1
Chloroform	ND		1.00		ug/L			06/21/14 07:31	1
Chloromethane	ND		1.00		ug/L			06/21/14 07:31	1
2-Chlorotoluene	ND		1.00		ug/L			06/21/14 07:31	1
4-Chlorotoluene	ND		1.00		ug/L			06/21/14 07:31	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 07:31	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 07:31	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/21/14 07:31	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/21/14 07:31	1
Dibromomethane	ND		1.00		ug/L			06/21/14 07:31	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/21/14 07:31	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/21/14 07:31	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/21/14 07:31	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/21/14 07:31	1
1,1-Dichloroethane	ND		1.00		ug/L			06/21/14 07:31	1
1,2-Dichloroethane	ND		1.00		ug/L			06/21/14 07:31	1
1,1-Dichloroethene	ND		1.00		ug/L			06/21/14 07:31	1
1,2-Dichloropropane	ND		1.00		ug/L			06/21/14 07:31	1
1,3-Dichloropropane	ND		1.00		ug/L			06/21/14 07:31	1
2,2-Dichloropropane	ND		1.00		ug/L			06/21/14 07:31	1
1,1-Dichloropropene	ND		1.00		ug/L			06/21/14 07:31	1
Diisopropyl ether	ND		2.00		ug/L			06/21/14 07:31	1
Ethylbenzene	ND		1.00		ug/L			06/21/14 07:31	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/21/14 07:31	1
Hexachlorobutadiene	ND		2.00		ug/L			06/21/14 07:31	1
2-Hexanone	ND		10.0		ug/L			06/21/14 07:31	1
Isopropylbenzene	ND		1.00		ug/L			06/21/14 07:31	1
Methylene Chloride	ND		5.00		ug/L			06/21/14 07:31	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/21/14 07:31	1
Methyl tert-butyl ether	**5.08**		1.00		ug/L			06/21/14 07:31	1
Naphthalene	ND		5.00		ug/L			06/21/14 07:31	1
n-Butylbenzene	ND		1.00		ug/L			06/21/14 07:31	1
N-Propylbenzene	ND		1.00		ug/L			06/21/14 07:31	1
p-Isopropyltoluene	ND		1.00		ug/L			06/21/14 07:31	1
sec-Butylbenzene	ND		1.00		ug/L			06/21/14 07:31	1
Styrene	ND		1.00		ug/L			06/21/14 07:31	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/21/14 07:31	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-10(061214)

Lab Sample ID: 490-55453-5

Date Collected: 06/12/14 14:40

Matrix: Water

Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/21/14 07:31	1
tert-Butylbenzene	ND		1.00		ug/L			06/21/14 07:31	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 07:31	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 07:31	1
Tetrachloroethene	ND		1.00		ug/L			06/21/14 07:31	1
Toluene	ND		1.00		ug/L			06/21/14 07:31	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 07:31	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 07:31	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/21/14 07:31	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/21/14 07:31	1
1,1,1-Trichloroethane	ND		1.00		ug/L			06/21/14 07:31	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/21/14 07:31	1
Trichloroethene	ND		1.00		ug/L			06/21/14 07:31	1
Trichlorofluoromethane	ND		1.00		ug/L			06/21/14 07:31	1
1,2,3-Trichloropropane	ND		1.00		ug/L			06/21/14 07:31	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			06/21/14 07:31	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			06/21/14 07:31	1
Vinyl chloride	ND		1.00		ug/L			06/21/14 07:31	1
Xylenes, Total	ND		2.00		ug/L			06/21/14 07:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*06/21/14 07:31*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*06/21/14 07:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*06/21/14 07:31*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*06/21/14 07:31*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-11(061214)

Lab Sample ID: 490-55453-6

Date Collected: 06/12/14 11:55
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/21/14 07:58	1
Benzene	**1.10**		1.00		ug/L			06/21/14 07:58	1
Bromobenzene	ND		1.00		ug/L			06/21/14 07:58	1
Bromochloromethane	ND		1.00		ug/L			06/21/14 07:58	1
Bromodichloromethane	ND		1.00		ug/L			06/21/14 07:58	1
Bromoform	ND		1.00		ug/L			06/21/14 07:58	1
Bromomethane	ND		1.00		ug/L			06/21/14 07:58	1
2-Butanone (MEK)	ND		50.0		ug/L			06/21/14 07:58	1
Carbon disulfide	ND		1.00		ug/L			06/21/14 07:58	1
Carbon tetrachloride	ND		1.00		ug/L			06/21/14 07:58	1
Chlorobenzene	ND		1.00		ug/L			06/21/14 07:58	1
Chlorodibromomethane	ND		1.00		ug/L			06/21/14 07:58	1
Chloroethane	ND		1.00		ug/L			06/21/14 07:58	1
Chloroform	ND		1.00		ug/L			06/21/14 07:58	1
Chloromethane	ND		1.00		ug/L			06/21/14 07:58	1
2-Chlorotoluene	ND		1.00		ug/L			06/21/14 07:58	1
4-Chlorotoluene	ND		1.00		ug/L			06/21/14 07:58	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 07:58	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 07:58	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/21/14 07:58	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/21/14 07:58	1
Dibromomethane	ND		1.00		ug/L			06/21/14 07:58	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/21/14 07:58	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/21/14 07:58	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/21/14 07:58	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/21/14 07:58	1
1,1-Dichloroethane	ND		1.00		ug/L			06/21/14 07:58	1
1,2-Dichloroethane	ND		1.00		ug/L			06/21/14 07:58	1
1,1-Dichloroethene	ND		1.00		ug/L			06/21/14 07:58	1
1,2-Dichloropropane	ND		1.00		ug/L			06/21/14 07:58	1
1,3-Dichloropropane	ND		1.00		ug/L			06/21/14 07:58	1
2,2-Dichloropropane	ND		1.00		ug/L			06/21/14 07:58	1
1,1-Dichloropropene	ND		1.00		ug/L			06/21/14 07:58	1
Diisopropyl ether	ND		2.00		ug/L			06/21/14 07:58	1
Ethylbenzene	**15.2**		1.00		ug/L			06/21/14 07:58	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/21/14 07:58	1
Hexachlorobutadiene	ND		2.00		ug/L			06/21/14 07:58	1
2-Hexanone	ND		10.0		ug/L			06/21/14 07:58	1
Isopropylbenzene	**2.18**		1.00		ug/L			06/21/14 07:58	1
Methylene Chloride	ND		5.00		ug/L			06/21/14 07:58	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/21/14 07:58	1
Methyl tert-butyl ether	**3.44**		1.00		ug/L			06/21/14 07:58	1
Naphthalene	**7.40**		5.00		ug/L			06/21/14 07:58	1
n-Butylbenzene	ND		1.00		ug/L			06/21/14 07:58	1
N-Propylbenzene	**4.56**		1.00		ug/L			06/21/14 07:58	1
p-Isopropyltoluene	ND		1.00		ug/L			06/21/14 07:58	1
sec-Butylbenzene	ND		1.00		ug/L			06/21/14 07:58	1
Styrene	ND		1.00		ug/L			06/21/14 07:58	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/21/14 07:58	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-11(061214)

Lab Sample ID: 490-55453-6

Date Collected: 06/12/14 11:55
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/21/14 07:58	1
tert-Butylbenzene	ND		1.00		ug/L			06/21/14 07:58	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 07:58	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 07:58	1
Tetrachloroethene	ND		1.00		ug/L			06/21/14 07:58	1
Toluene	**1.33**		1.00		ug/L			06/21/14 07:58	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 07:58	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 07:58	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/21/14 07:58	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/21/14 07:58	1
1,1,1-Trichloroethane	ND		1.00		ug/L			06/21/14 07:58	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/21/14 07:58	1
Trichloroethene	ND		1.00		ug/L			06/21/14 07:58	1
Trichlorofluoromethane	ND		1.00		ug/L			06/21/14 07:58	1
1,2,3-Trichloropropane	ND		1.00		ug/L			06/21/14 07:58	1
1,2,4-Trimethylbenzene	**27.7**		1.00		ug/L			06/21/14 07:58	1
1,3,5-Trimethylbenzene	**3.74**		1.00		ug/L			06/21/14 07:58	1
Vinyl chloride	ND		1.00		ug/L			06/21/14 07:58	1
Xylenes, Total	**13.2**		2.00		ug/L			06/21/14 07:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*06/21/14 07:58*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*06/21/14 07:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*06/21/14 07:58*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/21/14 07:58*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-12(061214)

Lab Sample ID: 490-55453-7

Date Collected: 06/12/14 11:40
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/21/14 08:25	1
Benzene	ND		1.00		ug/L			06/21/14 08:25	1
Bromobenzene	ND		1.00		ug/L			06/21/14 08:25	1
Bromochloromethane	ND		1.00		ug/L			06/21/14 08:25	1
Bromodichloromethane	ND		1.00		ug/L			06/21/14 08:25	1
Bromoform	ND		1.00		ug/L			06/21/14 08:25	1
Bromomethane	ND		1.00		ug/L			06/21/14 08:25	1
2-Butanone (MEK)	ND		50.0		ug/L			06/21/14 08:25	1
Carbon disulfide	ND		1.00		ug/L			06/21/14 08:25	1
Carbon tetrachloride	ND		1.00		ug/L			06/21/14 08:25	1
Chlorobenzene	ND		1.00		ug/L			06/21/14 08:25	1
Chlorodibromomethane	ND		1.00		ug/L			06/21/14 08:25	1
Chloroethane	ND		1.00		ug/L			06/21/14 08:25	1
Chloroform	ND		1.00		ug/L			06/21/14 08:25	1
Chloromethane	ND		1.00		ug/L			06/21/14 08:25	1
2-Chlorotoluene	ND		1.00		ug/L			06/21/14 08:25	1
4-Chlorotoluene	ND		1.00		ug/L			06/21/14 08:25	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 08:25	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 08:25	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/21/14 08:25	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/21/14 08:25	1
Dibromomethane	ND		1.00		ug/L			06/21/14 08:25	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/21/14 08:25	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/21/14 08:25	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/21/14 08:25	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/21/14 08:25	1
1,1-Dichloroethane	ND		1.00		ug/L			06/21/14 08:25	1
1,2-Dichloroethane	ND		1.00		ug/L			06/21/14 08:25	1
1,1-Dichloroethene	ND		1.00		ug/L			06/21/14 08:25	1
1,2-Dichloropropane	ND		1.00		ug/L			06/21/14 08:25	1
1,3-Dichloropropane	ND		1.00		ug/L			06/21/14 08:25	1
2,2-Dichloropropane	ND		1.00		ug/L			06/21/14 08:25	1
1,1-Dichloropropene	ND		1.00		ug/L			06/21/14 08:25	1
Diisopropyl ether	ND		2.00		ug/L			06/21/14 08:25	1
Ethylbenzene	ND		1.00		ug/L			06/21/14 08:25	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/21/14 08:25	1
Hexachlorobutadiene	ND		2.00		ug/L			06/21/14 08:25	1
2-Hexanone	ND		10.0		ug/L			06/21/14 08:25	1
Isopropylbenzene	**6.32**		1.00		ug/L			06/21/14 08:25	1
Methylene Chloride	ND		5.00		ug/L			06/21/14 08:25	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/21/14 08:25	1
Methyl tert-butyl ether	**9.81**		1.00		ug/L			06/21/14 08:25	1
Naphthalene	ND		5.00		ug/L			06/21/14 08:25	1
n-Butylbenzene	ND		1.00		ug/L			06/21/14 08:25	1
N-Propylbenzene	ND		1.00		ug/L			06/21/14 08:25	1
p-Isopropyltoluene	ND		1.00		ug/L			06/21/14 08:25	1
sec-Butylbenzene	**5.07**		1.00		ug/L			06/21/14 08:25	1
Styrene	ND		1.00		ug/L			06/21/14 08:25	1
Tert-amyl methyl ether	**1.86**		1.00		ug/L			06/21/14 08:25	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-12(061214)

Lab Sample ID: 490-55453-7

Date Collected: 06/12/14 11:40
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/21/14 08:25	1
tert-Butylbenzene	ND		1.00		ug/L			06/21/14 08:25	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 08:25	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 08:25	1
Tetrachloroethene	ND		1.00		ug/L			06/21/14 08:25	1
Toluene	ND		1.00		ug/L			06/21/14 08:25	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 08:25	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 08:25	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/21/14 08:25	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/21/14 08:25	1
1,1,1-Trichloroethane	ND		1.00		ug/L			06/21/14 08:25	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/21/14 08:25	1
Trichloroethene	ND		1.00		ug/L			06/21/14 08:25	1
Trichlorofluoromethane	ND		1.00		ug/L			06/21/14 08:25	1
1,2,3-Trichloropropane	ND		1.00		ug/L			06/21/14 08:25	1
1,2,4-Trimethylbenzene	**1.30**		1.00		ug/L			06/21/14 08:25	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			06/21/14 08:25	1
Vinyl chloride	ND		1.00		ug/L			06/21/14 08:25	1
Xylenes, Total	ND		2.00		ug/L			06/21/14 08:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*06/21/14 08:25*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*06/21/14 08:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*06/21/14 08:25*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/21/14 08:25*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-13(061214)

Lab Sample ID: 490-55453-8

Date Collected: 06/12/14 10:40
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/20/14 22:28	1
Benzene	ND		1.00		ug/L			06/20/14 22:28	1
Bromobenzene	ND		1.00		ug/L			06/20/14 22:28	1
Bromochloromethane	ND		1.00		ug/L			06/20/14 22:28	1
Bromodichloromethane	ND		1.00		ug/L			06/20/14 22:28	1
Bromoform	ND		1.00		ug/L			06/20/14 22:28	1
Bromomethane	ND	*	1.00		ug/L			06/20/14 22:28	1
2-Butanone (MEK)	ND		50.0		ug/L			06/20/14 22:28	1
Carbon disulfide	ND		1.00		ug/L			06/20/14 22:28	1
Carbon tetrachloride	ND		1.00		ug/L			06/20/14 22:28	1
Chlorobenzene	ND		1.00		ug/L			06/20/14 22:28	1
Chlorodibromomethane	ND		1.00		ug/L			06/20/14 22:28	1
Chloroethane	ND		1.00		ug/L			06/20/14 22:28	1
Chloroform	ND		1.00		ug/L			06/20/14 22:28	1
Chloromethane	ND		1.00		ug/L			06/20/14 22:28	1
2-Chlorotoluene	ND		1.00		ug/L			06/20/14 22:28	1
4-Chlorotoluene	ND		1.00		ug/L			06/20/14 22:28	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/20/14 22:28	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/20/14 22:28	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/20/14 22:28	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/20/14 22:28	1
Dibromomethane	ND		1.00		ug/L			06/20/14 22:28	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/20/14 22:28	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/20/14 22:28	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/20/14 22:28	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/20/14 22:28	1
1,1-Dichloroethane	ND		1.00		ug/L			06/20/14 22:28	1
1,2-Dichloroethane	ND		1.00		ug/L			06/20/14 22:28	1
1,1-Dichloroethene	ND		1.00		ug/L			06/20/14 22:28	1
1,2-Dichloropropane	ND		1.00		ug/L			06/20/14 22:28	1
1,3-Dichloropropane	ND		1.00		ug/L			06/20/14 22:28	1
2,2-Dichloropropane	ND		1.00		ug/L			06/20/14 22:28	1
1,1-Dichloropropene	ND		1.00		ug/L			06/20/14 22:28	1
Diisopropyl ether	ND		2.00		ug/L			06/20/14 22:28	1
Ethylbenzene	**11.9**		1.00		ug/L			06/20/14 22:28	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/20/14 22:28	1
Hexachlorobutadiene	ND		2.00		ug/L			06/20/14 22:28	1
2-Hexanone	ND		10.0		ug/L			06/20/14 22:28	1
Isopropylbenzene	**2.68**		1.00		ug/L			06/20/14 22:28	1
Methylene Chloride	ND		5.00		ug/L			06/20/14 22:28	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/20/14 22:28	1
Methyl tert-butyl ether	**1.98**		1.00		ug/L			06/20/14 22:28	1
Naphthalene	ND		5.00		ug/L			06/20/14 22:28	1
n-Butylbenzene	ND		1.00		ug/L			06/20/14 22:28	1
N-Propylbenzene	**6.73**		1.00		ug/L			06/20/14 22:28	1
p-Isopropyltoluene	ND		1.00		ug/L			06/20/14 22:28	1
sec-Butylbenzene	ND		1.00		ug/L			06/20/14 22:28	1
Styrene	ND		1.00		ug/L			06/20/14 22:28	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/20/14 22:28	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-13(061214)

Lab Sample ID: 490-55453-8

Date Collected: 06/12/14 10:40

Matrix: Water

Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/20/14 22:28	1
tert-Butylbenzene	ND		1.00		ug/L			06/20/14 22:28	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			06/20/14 22:28	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/20/14 22:28	1
Tetrachloroethene	ND		1.00		ug/L			06/20/14 22:28	1
Toluene	ND		1.00		ug/L			06/20/14 22:28	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/20/14 22:28	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/20/14 22:28	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/20/14 22:28	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/20/14 22:28	1
1,1,1-Trichloroethane	ND		1.00		ug/L			06/20/14 22:28	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/20/14 22:28	1
Trichloroethene	ND		1.00		ug/L			06/20/14 22:28	1
Trichlorofluoromethane	ND		1.00		ug/L			06/20/14 22:28	1
1,2,3-Trichloropropane	ND		1.00		ug/L			06/20/14 22:28	1
1,2,4-Trimethylbenzene	**24.4**		1.00		ug/L			06/20/14 22:28	1
1,3,5-Trimethylbenzene	**8.15**		1.00		ug/L			06/20/14 22:28	1
Vinyl chloride	ND		1.00		ug/L			06/20/14 22:28	1
Xylenes, Total	**30.2**		2.00		ug/L			06/20/14 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*06/20/14 22:28*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*06/20/14 22:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*06/20/14 22:28*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*06/20/14 22:28*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-14(061214)

Lab Sample ID: 490-55453-9

Date Collected: 06/12/14 09:45
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/21/14 01:38	1
Benzene	**31.2**		1.00		ug/L			06/21/14 01:38	1
Bromobenzene	ND		1.00		ug/L			06/21/14 01:38	1
Bromochloromethane	ND		1.00		ug/L			06/21/14 01:38	1
Bromodichloromethane	ND		1.00		ug/L			06/21/14 01:38	1
Bromoform	ND		1.00		ug/L			06/21/14 01:38	1
Bromomethane	ND	*	1.00		ug/L			06/21/14 01:38	1
2-Butanone (MEK)	ND		50.0		ug/L			06/21/14 01:38	1
Carbon disulfide	ND		1.00		ug/L			06/21/14 01:38	1
Carbon tetrachloride	ND		1.00		ug/L			06/21/14 01:38	1
Chlorobenzene	ND		1.00		ug/L			06/21/14 01:38	1
Chlorodibromomethane	ND		1.00		ug/L			06/21/14 01:38	1
Chloroethane	ND		1.00		ug/L			06/21/14 01:38	1
Chloroform	ND		1.00		ug/L			06/21/14 01:38	1
Chloromethane	ND		1.00		ug/L			06/21/14 01:38	1
2-Chlorotoluene	ND		1.00		ug/L			06/21/14 01:38	1
4-Chlorotoluene	ND		1.00		ug/L			06/21/14 01:38	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 01:38	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 01:38	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/21/14 01:38	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/21/14 01:38	1
Dibromomethane	ND		1.00		ug/L			06/21/14 01:38	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/21/14 01:38	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/21/14 01:38	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/21/14 01:38	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/21/14 01:38	1
1,1-Dichloroethane	ND		1.00		ug/L			06/21/14 01:38	1
1,2-Dichloroethane	ND		1.00		ug/L			06/21/14 01:38	1
1,1-Dichloroethene	ND		1.00		ug/L			06/21/14 01:38	1
1,2-Dichloropropane	ND		1.00		ug/L			06/21/14 01:38	1
1,3-Dichloropropane	ND		1.00		ug/L			06/21/14 01:38	1
2,2-Dichloropropane	ND		1.00		ug/L			06/21/14 01:38	1
1,1-Dichloropropene	ND		1.00		ug/L			06/21/14 01:38	1
Diisopropyl ether	ND		2.00		ug/L			06/21/14 01:38	1
Ethylbenzene	**9.49**		1.00		ug/L			06/21/14 01:38	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/21/14 01:38	1
Hexachlorobutadiene	ND		2.00		ug/L			06/21/14 01:38	1
2-Hexanone	ND		10.0		ug/L			06/21/14 01:38	1
Isopropylbenzene	**2.92**		1.00		ug/L			06/21/14 01:38	1
Methylene Chloride	ND		5.00		ug/L			06/21/14 01:38	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/21/14 01:38	1
Methyl tert-butyl ether	**41.7**		1.00		ug/L			06/21/14 01:38	1
Naphthalene	**15.3**		5.00		ug/L			06/21/14 01:38	1
n-Butylbenzene	ND		1.00		ug/L			06/21/14 01:38	1
N-Propylbenzene	**3.00**		1.00		ug/L			06/21/14 01:38	1
p-Isopropyltoluene	ND		1.00		ug/L			06/21/14 01:38	1
sec-Butylbenzene	ND		1.00		ug/L			06/21/14 01:38	1
Styrene	ND		1.00		ug/L			06/21/14 01:38	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/21/14 01:38	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-14(061214)

Lab Sample ID: 490-55453-9

Date Collected: 06/12/14 09:45

Matrix: Water

Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	**20.7**		10.0		ug/L			06/21/14 01:38	1
tert-Butylbenzene	ND		1.00		ug/L			06/21/14 01:38	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 01:38	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 01:38	1
Tetrachloroethene	ND		1.00		ug/L			06/21/14 01:38	1
Toluene	**5.76**		1.00		ug/L			06/21/14 01:38	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 01:38	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 01:38	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/21/14 01:38	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/21/14 01:38	1
1,1,1-Trichloroethane	ND		1.00		ug/L			06/21/14 01:38	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/21/14 01:38	1
Trichloroethene	ND		1.00		ug/L			06/21/14 01:38	1
Trichlorofluoromethane	ND		1.00		ug/L			06/21/14 01:38	1
1,2,3-Trichloropropane	ND		1.00		ug/L			06/21/14 01:38	1
1,2,4-Trimethylbenzene	**4.07**		1.00		ug/L			06/21/14 01:38	1
1,3,5-Trimethylbenzene	**7.01**		1.00		ug/L			06/21/14 01:38	1
Vinyl chloride	ND		1.00		ug/L			06/21/14 01:38	1
Xylenes, Total	**41.8**		2.00		ug/L			06/21/14 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*06/21/14 01:38*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*06/21/14 01:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*06/21/14 01:38*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*06/21/14 01:38*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-15(061214)

Lab Sample ID: 490-55453-10

Date Collected: 06/12/14 09:00
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/21/14 02:05	1
Benzene	**1.78**		1.00		ug/L			06/21/14 02:05	1
Bromobenzene	ND		1.00		ug/L			06/21/14 02:05	1
Bromochloromethane	ND		1.00		ug/L			06/21/14 02:05	1
Bromodichloromethane	ND		1.00		ug/L			06/21/14 02:05	1
Bromoform	ND		1.00		ug/L			06/21/14 02:05	1
Bromomethane	ND	*	1.00		ug/L			06/21/14 02:05	1
2-Butanone (MEK)	ND		50.0		ug/L			06/21/14 02:05	1
Carbon disulfide	ND		1.00		ug/L			06/21/14 02:05	1
Carbon tetrachloride	ND		1.00		ug/L			06/21/14 02:05	1
Chlorobenzene	ND		1.00		ug/L			06/21/14 02:05	1
Chlorodibromomethane	ND		1.00		ug/L			06/21/14 02:05	1
Chloroethane	ND		1.00		ug/L			06/21/14 02:05	1
Chloroform	ND		1.00		ug/L			06/21/14 02:05	1
Chloromethane	ND		1.00		ug/L			06/21/14 02:05	1
2-Chlorotoluene	ND		1.00		ug/L			06/21/14 02:05	1
4-Chlorotoluene	ND		1.00		ug/L			06/21/14 02:05	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 02:05	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 02:05	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/21/14 02:05	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/21/14 02:05	1
Dibromomethane	ND		1.00		ug/L			06/21/14 02:05	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/21/14 02:05	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/21/14 02:05	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/21/14 02:05	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/21/14 02:05	1
1,1-Dichloroethane	ND		1.00		ug/L			06/21/14 02:05	1
1,2-Dichloroethane	ND		1.00		ug/L			06/21/14 02:05	1
1,1-Dichloroethene	ND		1.00		ug/L			06/21/14 02:05	1
1,2-Dichloropropane	ND		1.00		ug/L			06/21/14 02:05	1
1,3-Dichloropropane	ND		1.00		ug/L			06/21/14 02:05	1
2,2-Dichloropropane	ND		1.00		ug/L			06/21/14 02:05	1
1,1-Dichloropropene	ND		1.00		ug/L			06/21/14 02:05	1
Diisopropyl ether	ND		2.00		ug/L			06/21/14 02:05	1
Ethylbenzene	ND		1.00		ug/L			06/21/14 02:05	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/21/14 02:05	1
Hexachlorobutadiene	ND		2.00		ug/L			06/21/14 02:05	1
2-Hexanone	ND		10.0		ug/L			06/21/14 02:05	1
Isopropylbenzene	**1.67**		1.00		ug/L			06/21/14 02:05	1
Methylene Chloride	ND		5.00		ug/L			06/21/14 02:05	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/21/14 02:05	1
Methyl tert-butyl ether	ND		1.00		ug/L			06/21/14 02:05	1
Naphthalene	ND		5.00		ug/L			06/21/14 02:05	1
n-Butylbenzene	ND		1.00		ug/L			06/21/14 02:05	1
N-Propylbenzene	**1.58**		1.00		ug/L			06/21/14 02:05	1
p-Isopropyltoluene	ND		1.00		ug/L			06/21/14 02:05	1
sec-Butylbenzene	ND		1.00		ug/L			06/21/14 02:05	1
Styrene	ND		1.00		ug/L			06/21/14 02:05	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/21/14 02:05	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-15(061214)

Lab Sample ID: 490-55453-10

Date Collected: 06/12/14 09:00
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/21/14 02:05	1
tert-Butylbenzene	ND		1.00		ug/L			06/21/14 02:05	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 02:05	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 02:05	1
Tetrachloroethene	ND		1.00		ug/L			06/21/14 02:05	1
Toluene	ND		1.00		ug/L			06/21/14 02:05	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 02:05	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 02:05	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/21/14 02:05	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/21/14 02:05	1
1,1,1-Trichloroethane	ND		1.00		ug/L			06/21/14 02:05	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/21/14 02:05	1
Trichloroethene	ND		1.00		ug/L			06/21/14 02:05	1
Trichlorofluoromethane	ND		1.00		ug/L			06/21/14 02:05	1
1,2,3-Trichloropropane	ND		1.00		ug/L			06/21/14 02:05	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			06/21/14 02:05	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			06/21/14 02:05	1
Vinyl chloride	ND		1.00		ug/L			06/21/14 02:05	1
Xylenes, Total	ND		2.00		ug/L			06/21/14 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*06/21/14 02:05*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*06/21/14 02:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*06/21/14 02:05*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/21/14 02:05*	*1*

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-16(061214)
Date Collected: 06/12/14 15:25
Date Received: 06/14/14 08:30

Lab Sample ID: 490-55453-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/21/14 06:09	1
Benzene	ND		1.00		ug/L			06/21/14 06:09	1
Bromobenzene	ND		1.00		ug/L			06/21/14 06:09	1
Bromochloromethane	ND		1.00		ug/L			06/21/14 06:09	1
Bromodichloromethane	ND		1.00		ug/L			06/21/14 06:09	1
Bromoform	ND		1.00		ug/L			06/21/14 06:09	1
Bromomethane	ND		1.00		ug/L			06/21/14 06:09	1
2-Butanone (MEK)	ND		50.0		ug/L			06/21/14 06:09	1
Carbon disulfide	ND		1.00		ug/L			06/21/14 06:09	1
Carbon tetrachloride	ND		1.00		ug/L			06/21/14 06:09	1
Chlorobenzene	ND		1.00		ug/L			06/21/14 06:09	1
Chlorodibromomethane	ND		1.00		ug/L			06/21/14 06:09	1
Chloroethane	ND		1.00		ug/L			06/21/14 06:09	1
Chloroform	ND		1.00		ug/L			06/21/14 06:09	1
Chloromethane	ND		1.00		ug/L			06/21/14 06:09	1
2-Chlorotoluene	ND		1.00		ug/L			06/21/14 06:09	1
4-Chlorotoluene	ND		1.00		ug/L			06/21/14 06:09	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 06:09	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 06:09	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/21/14 06:09	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/21/14 06:09	1
Dibromomethane	ND		1.00		ug/L			06/21/14 06:09	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/21/14 06:09	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/21/14 06:09	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/21/14 06:09	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/21/14 06:09	1
1,1-Dichloroethane	ND		1.00		ug/L			06/21/14 06:09	1
1,2-Dichloroethane	ND		1.00		ug/L			06/21/14 06:09	1
1,1-Dichloroethene	ND		1.00		ug/L			06/21/14 06:09	1
1,2-Dichloropropane	ND		1.00		ug/L			06/21/14 06:09	1
1,3-Dichloropropane	ND		1.00		ug/L			06/21/14 06:09	1
2,2-Dichloropropane	ND		1.00		ug/L			06/21/14 06:09	1
1,1-Dichloropropene	ND		1.00		ug/L			06/21/14 06:09	1
Diisopropyl ether	ND		2.00		ug/L			06/21/14 06:09	1
Ethylbenzene	ND		1.00		ug/L			06/21/14 06:09	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/21/14 06:09	1
Hexachlorobutadiene	ND		2.00		ug/L			06/21/14 06:09	1
2-Hexanone	ND		10.0		ug/L			06/21/14 06:09	1
Isopropylbenzene	ND		1.00		ug/L			06/21/14 06:09	1
Methylene Chloride	ND		5.00		ug/L			06/21/14 06:09	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/21/14 06:09	1
Methyl tert-butyl ether	ND		1.00		ug/L			06/21/14 06:09	1
Naphthalene	ND		5.00		ug/L			06/21/14 06:09	1
n-Butylbenzene	ND		1.00		ug/L			06/21/14 06:09	1
N-Propylbenzene	ND		1.00		ug/L			06/21/14 06:09	1
p-Isopropyltoluene	ND		1.00		ug/L			06/21/14 06:09	1
sec-Butylbenzene	ND		1.00		ug/L			06/21/14 06:09	1
Styrene	ND		1.00		ug/L			06/21/14 06:09	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/21/14 06:09	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-16(061214)

Lab Sample ID: 490-55453-11

Date Collected: 06/12/14 15:25
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/21/14 06:09	1
tert-Butylbenzene	ND		1.00		ug/L			06/21/14 06:09	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 06:09	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 06:09	1
Tetrachloroethene	ND		1.00		ug/L			06/21/14 06:09	1
Toluene	ND		1.00		ug/L			06/21/14 06:09	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 06:09	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 06:09	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/21/14 06:09	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/21/14 06:09	1
1,1,1-Trichloroethane	ND		1.00		ug/L			06/21/14 06:09	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/21/14 06:09	1
Trichloroethene	ND		1.00		ug/L			06/21/14 06:09	1
Trichlorofluoromethane	ND		1.00		ug/L			06/21/14 06:09	1
1,2,3-Trichloropropane	ND		1.00		ug/L			06/21/14 06:09	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			06/21/14 06:09	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			06/21/14 06:09	1
Vinyl chloride	ND		1.00		ug/L			06/21/14 06:09	1
Xylenes, Total	ND		2.00		ug/L			06/21/14 06:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*06/21/14 06:09*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*06/21/14 06:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*06/21/14 06:09*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/21/14 06:09*	*1*

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: DUP-1(061214)
Date Collected: 06/12/14 12:00
Date Received: 06/14/14 08:30

Lab Sample ID: 490-55453-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		250		ug/L			06/21/14 09:46	10
Benzene	**70.6**		10.0		ug/L			06/21/14 09:46	10
Bromobenzene	ND		10.0		ug/L			06/21/14 09:46	10
Bromochloromethane	ND		10.0		ug/L			06/21/14 09:46	10
Bromodichloromethane	ND		10.0		ug/L			06/21/14 09:46	10
Bromoform	ND		10.0		ug/L			06/21/14 09:46	10
Bromomethane	ND		10.0		ug/L			06/21/14 09:46	10
2-Butanone (MEK)	ND		500		ug/L			06/21/14 09:46	10
Carbon disulfide	ND		10.0		ug/L			06/21/14 09:46	10
Carbon tetrachloride	ND		10.0		ug/L			06/21/14 09:46	10
Chlorobenzene	ND		10.0		ug/L			06/21/14 09:46	10
Chlorodibromomethane	ND		10.0		ug/L			06/21/14 09:46	10
Chloroethane	ND		10.0		ug/L			06/21/14 09:46	10
Chloroform	ND		10.0		ug/L			06/21/14 09:46	10
Chloromethane	ND		10.0		ug/L			06/21/14 09:46	10
2-Chlorotoluene	ND		10.0		ug/L			06/21/14 09:46	10
4-Chlorotoluene	ND		10.0		ug/L			06/21/14 09:46	10
cis-1,2-Dichloroethene	ND		10.0		ug/L			06/21/14 09:46	10
cis-1,3-Dichloropropene	ND		10.0		ug/L			06/21/14 09:46	10
1,2-Dibromo-3-Chloropropane	ND		100		ug/L			06/21/14 09:46	10
1,2-Dibromoethane (EDB)	ND		10.0		ug/L			06/21/14 09:46	10
Dibromomethane	ND		10.0		ug/L			06/21/14 09:46	10
1,2-Dichlorobenzene	ND		10.0		ug/L			06/21/14 09:46	10
1,3-Dichlorobenzene	ND		10.0		ug/L			06/21/14 09:46	10
1,4-Dichlorobenzene	ND		10.0		ug/L			06/21/14 09:46	10
Dichlorodifluoromethane	ND		10.0		ug/L			06/21/14 09:46	10
1,1-Dichloroethane	ND		10.0		ug/L			06/21/14 09:46	10
1,2-Dichloroethane	ND		10.0		ug/L			06/21/14 09:46	10
1,1-Dichloroethene	ND		10.0		ug/L			06/21/14 09:46	10
1,2-Dichloropropane	ND		10.0		ug/L			06/21/14 09:46	10
1,3-Dichloropropane	ND		10.0		ug/L			06/21/14 09:46	10
2,2-Dichloropropane	ND		10.0		ug/L			06/21/14 09:46	10
1,1-Dichloropropene	ND		10.0		ug/L			06/21/14 09:46	10
Diisopropyl ether	ND		20.0		ug/L			06/21/14 09:46	10
Ethylbenzene	**967**		10.0		ug/L			06/21/14 09:46	10
Ethyl tert-butyl ether	ND		10.0		ug/L			06/21/14 09:46	10
Hexachlorobutadiene	ND		20.0		ug/L			06/21/14 09:46	10
2-Hexanone	ND		100		ug/L			06/21/14 09:46	10
Isopropylbenzene	**63.6**		10.0		ug/L			06/21/14 09:46	10
Methylene Chloride	ND		50.0		ug/L			06/21/14 09:46	10
4-Methyl-2-pentanone (MIBK)	ND		100		ug/L			06/21/14 09:46	10
Methyl tert-butyl ether	ND		10.0		ug/L			06/21/14 09:46	10
Naphthalene	**218**		50.0		ug/L			06/21/14 09:46	10
n-Butylbenzene	ND		10.0		ug/L			06/21/14 09:46	10
N-Propylbenzene	**130**		10.0		ug/L			06/21/14 09:46	10
p-Isopropyltoluene	ND		10.0		ug/L			06/21/14 09:46	10
sec-Butylbenzene	**13.9**		10.0		ug/L			06/21/14 09:46	10
Styrene	ND		10.0		ug/L			06/21/14 09:46	10
Tert-amyl methyl ether	ND		10.0		ug/L			06/21/14 09:46	10

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: DUP-1(061214)

Lab Sample ID: 490-55453-12

Date Collected: 06/12/14 12:00
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		100		ug/L			06/21/14 09:46	10
tert-Butylbenzene	ND		10.0		ug/L			06/21/14 09:46	10
1,1,1,2-Tetrachloroethane	ND		10.0		ug/L			06/21/14 09:46	10
1,1,2,2-Tetrachloroethane	ND		10.0		ug/L			06/21/14 09:46	10
Tetrachloroethene	ND		10.0		ug/L			06/21/14 09:46	10
Toluene	**1760**		50.0		ug/L			06/21/14 17:20	50
trans-1,2-Dichloroethene	ND		10.0		ug/L			06/21/14 09:46	10
trans-1,3-Dichloropropene	ND		10.0		ug/L			06/21/14 09:46	10
1,2,3-Trichlorobenzene	ND		10.0		ug/L			06/21/14 09:46	10
1,2,4-Trichlorobenzene	ND		10.0		ug/L			06/21/14 09:46	10
1,1,1-Trichloroethane	ND		10.0		ug/L			06/21/14 09:46	10
1,1,2-Trichloroethane	ND		10.0		ug/L			06/21/14 09:46	10
Trichloroethene	ND		10.0		ug/L			06/21/14 09:46	10
Trichlorofluoromethane	ND		10.0		ug/L			06/21/14 09:46	10
1,2,3-Trichloropropane	ND		10.0		ug/L			06/21/14 09:46	10
1,2,4-Trimethylbenzene	**1500**		10.0		ug/L			06/21/14 09:46	10
1,3,5-Trimethylbenzene	**415**		10.0		ug/L			06/21/14 09:46	10
Vinyl chloride	ND		10.0		ug/L			06/21/14 09:46	10
Xylenes, Total	**3430**		100		ug/L			06/21/14 17:20	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*06/21/14 09:46*	*10*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*06/21/14 17:20*	*50*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*06/21/14 09:46*	*10*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*06/21/14 17:20*	*50*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*06/21/14 09:46*	*10*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*06/21/14 17:20*	*50*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/21/14 09:46*	*10*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/21/14 17:20*	*50*

Client Sample ID: RB-1(061214)
Date Collected: 06/12/14 18:00
Date Received: 06/14/14 08:30

Lab Sample ID: 490-55453-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/21/14 05:42	1
Benzene	ND		1.00		ug/L			06/21/14 05:42	1
Bromobenzene	ND		1.00		ug/L			06/21/14 05:42	1
Bromochloromethane	ND		1.00		ug/L			06/21/14 05:42	1
Bromodichloromethane	ND		1.00		ug/L			06/21/14 05:42	1
Bromoform	ND		1.00		ug/L			06/21/14 05:42	1
Bromomethane	ND		1.00		ug/L			06/21/14 05:42	1
2-Butanone (MEK)	ND		50.0		ug/L			06/21/14 05:42	1
Carbon disulfide	ND		1.00		ug/L			06/21/14 05:42	1
Carbon tetrachloride	ND		1.00		ug/L			06/21/14 05:42	1
Chlorobenzene	ND		1.00		ug/L			06/21/14 05:42	1
Chlorodibromomethane	ND		1.00		ug/L			06/21/14 05:42	1
Chloroethane	ND		1.00		ug/L			06/21/14 05:42	1
Chloroform	ND		1.00		ug/L			06/21/14 05:42	1
Chloromethane	ND		1.00		ug/L			06/21/14 05:42	1
2-Chlorotoluene	ND		1.00		ug/L			06/21/14 05:42	1
4-Chlorotoluene	ND		1.00		ug/L			06/21/14 05:42	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 05:42	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 05:42	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/21/14 05:42	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/21/14 05:42	1
Dibromomethane	ND		1.00		ug/L			06/21/14 05:42	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/21/14 05:42	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/21/14 05:42	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/21/14 05:42	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/21/14 05:42	1
1,1-Dichloroethane	ND		1.00		ug/L			06/21/14 05:42	1
1,2-Dichloroethane	ND		1.00		ug/L			06/21/14 05:42	1
1,1-Dichloroethene	ND		1.00		ug/L			06/21/14 05:42	1
1,2-Dichloropropane	ND		1.00		ug/L			06/21/14 05:42	1
1,3-Dichloropropane	ND		1.00		ug/L			06/21/14 05:42	1
2,2-Dichloropropane	ND		1.00		ug/L			06/21/14 05:42	1
1,1-Dichloropropene	ND		1.00		ug/L			06/21/14 05:42	1
Diisopropyl ether	ND		2.00		ug/L			06/21/14 05:42	1
Ethylbenzene	ND		1.00		ug/L			06/21/14 05:42	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/21/14 05:42	1
Hexachlorobutadiene	ND		2.00		ug/L			06/21/14 05:42	1
2-Hexanone	ND		10.0		ug/L			06/21/14 05:42	1
Isopropylbenzene	ND		1.00		ug/L			06/21/14 05:42	1
Methylene Chloride	ND		5.00		ug/L			06/21/14 05:42	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/21/14 05:42	1
Methyl tert-butyl ether	ND		1.00		ug/L			06/21/14 05:42	1
Naphthalene	ND		5.00		ug/L			06/21/14 05:42	1
n-Butylbenzene	ND		1.00		ug/L			06/21/14 05:42	1
N-Propylbenzene	ND		1.00		ug/L			06/21/14 05:42	1
p-Isopropyltoluene	ND		1.00		ug/L			06/21/14 05:42	1
sec-Butylbenzene	ND		1.00		ug/L			06/21/14 05:42	1
Styrene	ND		1.00		ug/L			06/21/14 05:42	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/21/14 05:42	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: RB-1(061214)

Lab Sample ID: 490-55453-13

Date Collected: 06/12/14 18:00
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/21/14 05:42	1
tert-Butylbenzene	ND		1.00		ug/L			06/21/14 05:42	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 05:42	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 05:42	1
Tetrachloroethene	ND		1.00		ug/L			06/21/14 05:42	1
Toluene	ND		1.00		ug/L			06/21/14 05:42	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 05:42	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 05:42	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/21/14 05:42	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/21/14 05:42	1
1,1,1-Trichloroethane	ND		1.00		ug/L			06/21/14 05:42	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/21/14 05:42	1
Trichloroethene	ND		1.00		ug/L			06/21/14 05:42	1
Trichlorofluoromethane	ND		1.00		ug/L			06/21/14 05:42	1
1,2,3-Trichloropropane	ND		1.00		ug/L			06/21/14 05:42	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			06/21/14 05:42	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			06/21/14 05:42	1
Vinyl chloride	ND		1.00		ug/L			06/21/14 05:42	1
Xylenes, Total	ND		2.00		ug/L			06/21/14 05:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*06/21/14 05:42*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*06/21/14 05:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*06/21/14 05:42*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/21/14 05:42*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: TB-1(061214)

Lab Sample ID: 490-55453-14

Date Collected: 06/12/14 00:01
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/20/14 22:01	1
Benzene	ND		1.00		ug/L			06/20/14 22:01	1
Bromobenzene	ND		1.00		ug/L			06/20/14 22:01	1
Bromochloromethane	ND		1.00		ug/L			06/20/14 22:01	1
Bromodichloromethane	ND		1.00		ug/L			06/20/14 22:01	1
Bromoform	ND		1.00		ug/L			06/20/14 22:01	1
Bromomethane	ND	*	1.00		ug/L			06/20/14 22:01	1
2-Butanone (MEK)	ND		50.0		ug/L			06/20/14 22:01	1
Carbon disulfide	ND		1.00		ug/L			06/20/14 22:01	1
Carbon tetrachloride	ND		1.00		ug/L			06/20/14 22:01	1
Chlorobenzene	ND		1.00		ug/L			06/20/14 22:01	1
Chlorodibromomethane	ND		1.00		ug/L			06/20/14 22:01	1
Chloroethane	ND		1.00		ug/L			06/20/14 22:01	1
Chloroform	ND		1.00		ug/L			06/20/14 22:01	1
Chloromethane	ND		1.00		ug/L			06/20/14 22:01	1
2-Chlorotoluene	ND		1.00		ug/L			06/20/14 22:01	1
4-Chlorotoluene	ND		1.00		ug/L			06/20/14 22:01	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/20/14 22:01	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/20/14 22:01	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/20/14 22:01	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/20/14 22:01	1
Dibromomethane	ND		1.00		ug/L			06/20/14 22:01	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/20/14 22:01	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/20/14 22:01	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/20/14 22:01	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/20/14 22:01	1
1,1-Dichloroethane	ND		1.00		ug/L			06/20/14 22:01	1
1,2-Dichloroethane	ND		1.00		ug/L			06/20/14 22:01	1
1,1-Dichloroethene	ND		1.00		ug/L			06/20/14 22:01	1
1,2-Dichloropropane	ND		1.00		ug/L			06/20/14 22:01	1
1,3-Dichloropropane	ND		1.00		ug/L			06/20/14 22:01	1
2,2-Dichloropropane	ND		1.00		ug/L			06/20/14 22:01	1
1,1-Dichloropropene	ND		1.00		ug/L			06/20/14 22:01	1
Diisopropyl ether	ND		2.00		ug/L			06/20/14 22:01	1
Ethylbenzene	ND		1.00		ug/L			06/20/14 22:01	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/20/14 22:01	1
Hexachlorobutadiene	ND		2.00		ug/L			06/20/14 22:01	1
2-Hexanone	ND		10.0		ug/L			06/20/14 22:01	1
Isopropylbenzene	ND		1.00		ug/L			06/20/14 22:01	1
Methylene Chloride	ND		5.00		ug/L			06/20/14 22:01	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/20/14 22:01	1
Methyl tert-butyl ether	ND		1.00		ug/L			06/20/14 22:01	1
Naphthalene	ND		5.00		ug/L			06/20/14 22:01	1
n-Butylbenzene	ND		1.00		ug/L			06/20/14 22:01	1
N-Propylbenzene	ND		1.00		ug/L			06/20/14 22:01	1
p-Isopropyltoluene	ND		1.00		ug/L			06/20/14 22:01	1
sec-Butylbenzene	ND		1.00		ug/L			06/20/14 22:01	1
Styrene	ND		1.00		ug/L			06/20/14 22:01	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/20/14 22:01	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: TB-1(061214)

Lab Sample ID: 490-55453-14

Date Collected: 06/12/14 00:01
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/20/14 22:01	1
tert-Butylbenzene	ND		1.00		ug/L			06/20/14 22:01	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			06/20/14 22:01	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/20/14 22:01	1
Tetrachloroethene	ND		1.00		ug/L			06/20/14 22:01	1
Toluene	ND		1.00		ug/L			06/20/14 22:01	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/20/14 22:01	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/20/14 22:01	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/20/14 22:01	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/20/14 22:01	1
1,1,1-Trichloroethane	ND		1.00		ug/L			06/20/14 22:01	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/20/14 22:01	1
Trichloroethene	ND		1.00		ug/L			06/20/14 22:01	1
Trichlorofluoromethane	ND		1.00		ug/L			06/20/14 22:01	1
1,2,3-Trichloropropane	ND		1.00		ug/L			06/20/14 22:01	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			06/20/14 22:01	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			06/20/14 22:01	1
Vinyl chloride	ND		1.00		ug/L			06/20/14 22:01	1
Xylenes, Total	ND		2.00		ug/L			06/20/14 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*06/20/14 22:01*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*06/20/14 22:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*06/20/14 22:01*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/20/14 22:01*	*1*

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

Lab Sample ID: MB 490-171408/6
Matrix: Water
Analysis Batch: 171408

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/20/14 16:58	1
Benzene	ND		1.00		ug/L			06/20/14 16:58	1
Bromobenzene	ND		1.00		ug/L			06/20/14 16:58	1
Bromochloromethane	ND		1.00		ug/L			06/20/14 16:58	1
Bromodichloromethane	ND		1.00		ug/L			06/20/14 16:58	1
Bromoform	ND		1.00		ug/L			06/20/14 16:58	1
Bromomethane	ND		1.00		ug/L			06/20/14 16:58	1
2-Butanone (MEK)	ND		50.0		ug/L			06/20/14 16:58	1
Carbon disulfide	ND		1.00		ug/L			06/20/14 16:58	1
Carbon tetrachloride	ND		1.00		ug/L			06/20/14 16:58	1
Chlorobenzene	ND		1.00		ug/L			06/20/14 16:58	1
Chlorodibromomethane	ND		1.00		ug/L			06/20/14 16:58	1
Chloroethane	ND		1.00		ug/L			06/20/14 16:58	1
Chloroform	ND		1.00		ug/L			06/20/14 16:58	1
Chloromethane	ND		1.00		ug/L			06/20/14 16:58	1
2-Chlorotoluene	ND		1.00		ug/L			06/20/14 16:58	1
4-Chlorotoluene	ND		1.00		ug/L			06/20/14 16:58	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/20/14 16:58	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/20/14 16:58	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/20/14 16:58	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/20/14 16:58	1
Dibromomethane	ND		1.00		ug/L			06/20/14 16:58	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/20/14 16:58	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/20/14 16:58	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/20/14 16:58	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/20/14 16:58	1
1,1-Dichloroethane	ND		1.00		ug/L			06/20/14 16:58	1
1,2-Dichloroethane	ND		1.00		ug/L			06/20/14 16:58	1
1,1-Dichloroethene	ND		1.00		ug/L			06/20/14 16:58	1
1,2-Dichloropropane	ND		1.00		ug/L			06/20/14 16:58	1
1,3-Dichloropropane	ND		1.00		ug/L			06/20/14 16:58	1
2,2-Dichloropropane	ND		1.00		ug/L			06/20/14 16:58	1
1,1-Dichloropropene	ND		1.00		ug/L			06/20/14 16:58	1
Diisopropyl ether	ND		2.00		ug/L			06/20/14 16:58	1
Ethylbenzene	ND		1.00		ug/L			06/20/14 16:58	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/20/14 16:58	1
Hexachlorobutadiene	ND		2.00		ug/L			06/20/14 16:58	1
2-Hexanone	ND		10.0		ug/L			06/20/14 16:58	1
Isopropylbenzene	ND		1.00		ug/L			06/20/14 16:58	1
Methylene Chloride	ND		5.00		ug/L			06/20/14 16:58	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/20/14 16:58	1
Methyl tert-butyl ether	ND		1.00		ug/L			06/20/14 16:58	1
Naphthalene	ND		5.00		ug/L			06/20/14 16:58	1
n-Butylbenzene	ND		1.00		ug/L			06/20/14 16:58	1
N-Propylbenzene	ND		1.00		ug/L			06/20/14 16:58	1
p-Isopropyltoluene	ND		1.00		ug/L			06/20/14 16:58	1
sec-Butylbenzene	ND		1.00		ug/L			06/20/14 16:58	1
Styrene	ND		1.00		ug/L			06/20/14 16:58	1

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

Lab Sample ID: MB 490-171408/6
Matrix: Water
Analysis Batch: 171408

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	ND		1.00		ug/L			06/20/14 16:58	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/20/14 16:58	1
tert-Butylbenzene	ND		1.00		ug/L			06/20/14 16:58	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			06/20/14 16:58	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/20/14 16:58	1
Tetrachloroethene	ND		1.00		ug/L			06/20/14 16:58	1
Toluene	ND		1.00		ug/L			06/20/14 16:58	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/20/14 16:58	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/20/14 16:58	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/20/14 16:58	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/20/14 16:58	1
1,1,1-Trichloroethane	ND		1.00		ug/L			06/20/14 16:58	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/20/14 16:58	1
Trichloroethene	ND		1.00		ug/L			06/20/14 16:58	1
Trichlorofluoromethane	ND		1.00		ug/L			06/20/14 16:58	1
1,2,3-Trichloropropane	ND		1.00		ug/L			06/20/14 16:58	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			06/20/14 16:58	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			06/20/14 16:58	1
Vinyl chloride	ND		1.00		ug/L			06/20/14 16:58	1
Xylenes, Total	ND		2.00		ug/L			06/20/14 16:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*06/20/14 16:58*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*06/20/14 16:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*06/20/14 16:58*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/20/14 16:58*	*1*

Lab Sample ID: LCS 490-171408/3
Matrix: Water
Analysis Batch: 171408

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	95.01		ug/L		95	54 - 145
Benzene	20.0	20.16		ug/L		101	80 - 121
Bromobenzene	20.0	20.98		ug/L		105	68 - 130
Bromochloromethane	20.0	19.79		ug/L		99	78 - 129
Bromodichloromethane	20.0	20.10		ug/L		101	75 - 129
Bromoform	20.0	24.21		ug/L		121	46 - 145
Bromomethane	20.0	30.62	*	ug/L		153	41 - 150
2-Butanone (MEK)	100	96.16		ug/L		96	62 - 133
Carbon disulfide	20.0	19.32		ug/L		97	77 - 126
Carbon tetrachloride	20.0	20.91		ug/L		105	64 - 147
Chlorobenzene	20.0	21.02		ug/L		105	80 - 120
Chlorodibromomethane	20.0	20.61		ug/L		103	69 - 133
Chloroethane	20.0	16.96		ug/L		85	72 - 120
Chloroform	20.0	19.73		ug/L		99	73 - 129
Chloromethane	20.0	21.26		ug/L		106	12 - 150
2-Chlorotoluene	20.0	20.53		ug/L		103	75 - 126

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

Lab Sample ID: LCS 490-171408/3
Matrix: Water
Analysis Batch: 171408

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	20.0	21.79		ug/L		109	75 - 130
cis-1,2-Dichloroethene	20.0	20.56		ug/L		103	76 - 125
cis-1,3-Dichloropropene	20.0	20.92		ug/L		105	74 - 140
1,2-Dibromo-3-Chloropropane	20.0	21.55		ug/L		108	54 - 125
1,2-Dibromoethane (EDB)	20.0	22.01		ug/L		110	80 - 129
Dibromomethane	20.0	20.12		ug/L		101	71 - 125
1,2-Dichlorobenzene	20.0	22.31		ug/L		112	80 - 121
1,3-Dichlorobenzene	20.0	22.16		ug/L		111	80 - 122
1,4-Dichlorobenzene	20.0	21.84		ug/L		109	80 - 120
Dichlorodifluoromethane	20.0	20.87		ug/L		104	37 - 127
1,1-Dichloroethane	20.0	20.45		ug/L		102	78 - 125
1,2-Dichloroethane	20.0	19.93		ug/L		100	77 - 121
1,1-Dichloroethene	20.0	20.73		ug/L		104	79 - 124
1,2-Dichloropropane	20.0	21.16		ug/L		106	75 - 120
1,3-Dichloropropane	20.0	20.72		ug/L		104	80 - 125
2,2-Dichloropropane	20.0	20.58		ug/L		103	43 - 161
1,1-Dichloropropene	20.0	20.97		ug/L		105	80 - 122
Diisopropyl ether	20.0	20.09		ug/L		100	61 - 142
Ethylbenzene	20.0	21.25		ug/L		106	80 - 130
Ethyl tert-butyl ether	20.0	19.99		ug/L		100	63 - 135
Hexachlorobutadiene	20.0	23.16		ug/L		116	49 - 146
2-Hexanone	100	106.8		ug/L		107	60 - 142
Isopropylbenzene	20.0	21.73		ug/L		109	80 - 141
Methylene Chloride	20.0	19.65		ug/L		98	79 - 123
4-Methyl-2-pentanone (MIBK)	100	107.0		ug/L		107	60 - 137
Methyl tert-butyl ether	20.0	20.16		ug/L		101	72 - 133
Naphthalene	20.0	23.76		ug/L		119	62 - 138
n-Butylbenzene	20.0	21.78		ug/L		109	68 - 132
N-Propylbenzene	20.0	21.60		ug/L		108	75 - 129
p-Isopropyltoluene	20.0	21.99		ug/L		110	75 - 128
sec-Butylbenzene	20.0	21.41		ug/L		107	76 - 128
Styrene	20.0	21.72		ug/L		109	80 - 127
Tert-amyl methyl ether	20.0	20.59		ug/L		103	63 - 135
tert-Butyl alcohol (TBA)	200	217.1		ug/L		109	54 - 150
tert-Butylbenzene	20.0	21.51		ug/L		108	76 - 126
1,1,1,2-Tetrachloroethane	20.0	21.41		ug/L		107	74 - 135
1,1,2,2-Tetrachloroethane	20.0	21.78		ug/L		109	69 - 131
Tetrachloroethene	20.0	21.28		ug/L		106	80 - 126
Toluene	20.0	20.72		ug/L		104	80 - 126
trans-1,2-Dichloroethene	20.0	20.22		ug/L		101	79 - 126
trans-1,3-Dichloropropene	20.0	21.22		ug/L		106	63 - 134
1,2,3-Trichlorobenzene	20.0	23.54		ug/L		118	62 - 133
1,2,4-Trichlorobenzene	20.0	22.20		ug/L		111	63 - 133
1,1,1-Trichloroethane	20.0	20.62		ug/L		103	78 - 135
1,1,2-Trichloroethane	20.0	21.41		ug/L		107	80 - 124
Trichloroethene	20.0	21.02		ug/L		105	80 - 123
Trichlorofluoromethane	20.0	19.54		ug/L		98	65 - 124
1,2,3-Trichloropropane	20.0	20.79		ug/L		104	70 - 131

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

Lab Sample ID: LCS 490-171408/3
Matrix: Water
Analysis Batch: 171408

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	20.0	21.29		ug/L		106	77 - 126
1,3,5-Trimethylbenzene	20.0	21.44		ug/L		107	77 - 127
Vinyl chloride	20.0	19.53		ug/L		98	68 - 120
Xylenes, Total	40.0	42.23		ug/L		106	80 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 490-171408/4
Matrix: Water
Analysis Batch: 171408

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	99.61		ug/L		100	54 - 145	5	21
Benzene	20.0	20.13		ug/L		101	80 - 121	0	17
Bromobenzene	20.0	20.89		ug/L		104	68 - 130	0	20
Bromochloromethane	20.0	19.96		ug/L		100	78 - 129	1	17
Bromodichloromethane	20.0	19.89		ug/L		99	75 - 129	1	18
Bromoform	20.0	23.70		ug/L		118	46 - 145	2	16
Bromomethane	20.0	29.10		ug/L		146	41 - 150	5	50
2-Butanone (MEK)	100	104.6		ug/L		105	62 - 133	8	19
Carbon disulfide	20.0	18.90		ug/L		94	77 - 126	2	21
Carbon tetrachloride	20.0	20.54		ug/L		103	64 - 147	2	19
Chlorobenzene	20.0	21.08		ug/L		105	80 - 120	0	14
Chlorodibromomethane	20.0	21.04		ug/L		105	69 - 133	2	15
Chloroethane	20.0	16.03		ug/L		80	72 - 120	6	20
Chloroform	20.0	19.74		ug/L		99	73 - 129	0	18
Chloromethane	20.0	21.09		ug/L		105	12 - 150	1	31
2-Chlorotoluene	20.0	20.20		ug/L		101	75 - 126	2	17
4-Chlorotoluene	20.0	21.19		ug/L		106	75 - 130	3	18
cis-1,2-Dichloroethene	20.0	20.50		ug/L		102	76 - 125	0	17
cis-1,3-Dichloropropene	20.0	20.97		ug/L		105	74 - 140	0	15
1,2-Dibromo-3-Chloropropane	20.0	22.40		ug/L		112	54 - 125	4	24
1,2-Dibromoethane (EDB)	20.0	22.04		ug/L		110	80 - 129	0	15
Dibromomethane	20.0	20.40		ug/L		102	71 - 125	1	16
1,2-Dichlorobenzene	20.0	21.87		ug/L		109	80 - 121	2	15
1,3-Dichlorobenzene	20.0	21.45		ug/L		107	80 - 122	3	15
1,4-Dichlorobenzene	20.0	20.47		ug/L		102	80 - 120	6	15
Dichlorodifluoromethane	20.0	20.37		ug/L		102	37 - 127	2	18
1,1-Dichloroethane	20.0	20.35		ug/L		102	78 - 125	0	17
1,2-Dichloroethane	20.0	20.56		ug/L		103	77 - 121	3	17
1,1-Dichloroethene	20.0	21.00		ug/L		105	79 - 124	1	17
1,2-Dichloropropane	20.0	20.76		ug/L		104	75 - 120	2	17
1,3-Dichloropropane	20.0	20.71		ug/L		104	80 - 125	0	14
2,2-Dichloropropane	20.0	20.08		ug/L		100	43 - 161	2	18

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

Lab Sample ID: LCSD 490-171408/4
Matrix: Water
Analysis Batch: 171408

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloropropene	20.0	21.08		ug/L		105	80 - 122	1	17
Diisopropyl ether	20.0	20.05		ug/L		100	61 - 142	0	50
Ethylbenzene	20.0	20.99		ug/L		105	80 - 130	1	15
Ethyl tert-butyl ether	20.0	20.51		ug/L		103	63 - 135	3	19
Hexachlorobutadiene	20.0	22.08		ug/L		110	49 - 146	5	23
2-Hexanone	100	110.9		ug/L		111	60 - 142	4	15
Isopropylbenzene	20.0	21.66		ug/L		108	80 - 141	0	16
Methylene Chloride	20.0	19.43		ug/L		97	79 - 123	1	17
4-Methyl-2-pentanone (MIBK)	100	108.1		ug/L		108	60 - 137	1	17
Methyl tert-butyl ether	20.0	20.51		ug/L		103	72 - 133	2	16
Naphthalene	20.0	23.96		ug/L		120	62 - 138	1	26
n-Butylbenzene	20.0	20.81		ug/L		104	68 - 132	5	18
N-Propylbenzene	20.0	21.04		ug/L		105	75 - 129	3	17
p-Isopropyltoluene	20.0	21.16		ug/L		106	75 - 128	4	16
sec-Butylbenzene	20.0	20.63		ug/L		103	76 - 128	4	16
Styrene	20.0	21.69		ug/L		108	80 - 127	0	24
Tert-amyl methyl ether	20.0	20.86		ug/L		104	63 - 135	1	15
tert-Butyl alcohol (TBA)	200	228.4		ug/L		114	54 - 150	5	32
tert-Butylbenzene	20.0	21.09		ug/L		105	76 - 126	2	16
1,1,1,2-Tetrachloroethane	20.0	21.69		ug/L		108	74 - 135	1	16
1,1,2,2-Tetrachloroethane	20.0	21.92		ug/L		110	69 - 131	1	20
Tetrachloroethene	20.0	20.86		ug/L		104	80 - 126	2	16
Toluene	20.0	20.47		ug/L		102	80 - 126	1	15
trans-1,2-Dichloroethene	20.0	19.99		ug/L		100	79 - 126	1	16
trans-1,3-Dichloropropene	20.0	21.01		ug/L		105	63 - 134	1	14
1,2,3-Trichlorobenzene	20.0	22.17		ug/L		111	62 - 133	6	25
1,2,4-Trichlorobenzene	20.0	22.56		ug/L		113	63 - 133	2	19
1,1,1-Trichloroethane	20.0	20.02		ug/L		100	78 - 135	3	17
1,1,2-Trichloroethane	20.0	21.09		ug/L		105	80 - 124	2	15
Trichloroethene	20.0	20.70		ug/L		104	80 - 123	2	17
Trichlorofluoromethane	20.0	19.65		ug/L		98	65 - 124	1	18
1,2,3-Trichloropropane	20.0	21.90		ug/L		110	70 - 131	5	19
1,2,4-Trimethylbenzene	20.0	20.85		ug/L		104	77 - 126	2	16
1,3,5-Trimethylbenzene	20.0	20.95		ug/L		105	77 - 127	2	17
Vinyl chloride	20.0	19.16		ug/L		96	68 - 120	2	17
Xylenes, Total	40.0	42.21		ug/L		106	80 - 132	0	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

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

Lab Sample ID: 490-55453-8 MS
Matrix: Water
Analysis Batch: 171408

Client Sample ID: MW-13(061214)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		250	220.2		ug/L		88	45 - 141
Benzene	ND		50.0	52.47		ug/L		105	75 - 133
Bromobenzene	ND		50.0	51.74		ug/L		103	60 - 138
Bromochloromethane	ND		50.0	51.26		ug/L		103	67 - 139
Bromodichloromethane	ND		50.0	47.84		ug/L		96	70 - 140
Bromoform	ND		50.0	55.17	E	ug/L		110	42 - 147
Bromomethane	ND	*	50.0	73.00	E	ug/L		145	16 - 163
2-Butanone (MEK)	ND		250	233.8		ug/L		94	50 - 138
Carbon disulfide	ND		50.0	47.29		ug/L		95	48 - 152
Carbon tetrachloride	ND		50.0	54.23		ug/L		108	62 - 164
Chlorobenzene	ND		50.0	53.88		ug/L		108	80 - 129
Chlorodibromomethane	ND		50.0	50.91		ug/L		102	66 - 140
Chloroethane	ND		50.0	45.30		ug/L		91	58 - 137
Chloroform	ND		50.0	50.22		ug/L		100	66 - 138
Chloromethane	ND		50.0	44.14		ug/L		88	10 - 169
2-Chlorotoluene	ND		50.0	57.15		ug/L		114	67 - 138
4-Chlorotoluene	ND		50.0	57.38		ug/L		115	69 - 138
cis-1,2-Dichloroethene	ND		50.0	50.50		ug/L		101	68 - 138
cis-1,3-Dichloropropene	ND		50.0	49.51		ug/L		99	71 - 141
1,2-Dibromo-3-Chloropropane	ND		50.0	46.94		ug/L		94	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	52.93		ug/L		106	75 - 137
Dibromomethane	ND		50.0	48.17		ug/L		96	58 - 140
1,2-Dichlorobenzene	ND		50.0	55.70		ug/L		111	79 - 128
1,3-Dichlorobenzene	ND		50.0	55.11		ug/L		110	77 - 131
1,4-Dichlorobenzene	ND		50.0	52.29		ug/L		105	78 - 126
Dichlorodifluoromethane	ND		50.0	38.62		ug/L		77	40 - 127
1,1-Dichloroethane	ND		50.0	52.19		ug/L		104	71 - 139
1,2-Dichloroethane	ND		50.0	50.70		ug/L		101	64 - 136
1,1-Dichloroethene	ND		50.0	53.49		ug/L		107	70 - 142
1,2-Dichloropropane	ND		50.0	44.41		ug/L		89	67 - 131
1,3-Dichloropropane	ND		50.0	49.77		ug/L		100	72 - 134
2,2-Dichloropropane	ND		50.0	50.25		ug/L		101	37 - 175
1,1-Dichloropropene	ND		50.0	55.88		ug/L		112	76 - 139
Diisopropyl ether	ND		50.0	48.24		ug/L		96	10 - 200
Ethylbenzene	11.9		50.0	66.16		ug/L		109	79 - 139
Ethyl tert-butyl ether	ND		50.0	48.03		ug/L		96	60 - 138
Hexachlorobutadiene	ND		50.0	49.60		ug/L		99	45 - 155
2-Hexanone	ND		250	248.0		ug/L		99	50 - 150
Isopropylbenzene	2.68		50.0	58.72		ug/L		112	80 - 153
Methylene Chloride	ND		50.0	48.51		ug/L		97	64 - 139
4-Methyl-2-pentanone (MIBK)	ND		250	246.4		ug/L		99	50 - 147
Methyl tert-butyl ether	1.98		50.0	50.17		ug/L		96	66 - 141
Naphthalene	ND		50.0	52.10		ug/L		96	55 - 140
n-Butylbenzene	ND		50.0	59.62		ug/L		119	66 - 141
N-Propylbenzene	6.73		50.0	62.37		ug/L		111	69 - 142
p-Isopropyltoluene	ND		50.0	58.60		ug/L		117	71 - 137
sec-Butylbenzene	ND		50.0	57.59		ug/L		114	73 - 138
Styrene	ND		50.0	56.46		ug/L		113	61 - 148

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

Lab Sample ID: 490-55453-8 MS
Matrix: Water
Analysis Batch: 171408

Client Sample ID: MW-13(061214)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Tert-amyl methyl ether	ND		50.0	48.91		ug/L		98	61 - 138
tert-Butyl alcohol (TBA)	ND		500	463.2		ug/L		93	50 - 183
tert-Butylbenzene	ND		50.0	56.39		ug/L		113	70 - 138
1,1,1,2-Tetrachloroethane	ND		50.0	53.95		ug/L		108	73 - 141
1,1,2,2-Tetrachloroethane	ND		50.0	51.60		ug/L		103	56 - 143
Tetrachloroethene	ND		50.0	55.14		ug/L		110	72 - 145
Toluene	ND		50.0	52.67		ug/L		105	75 - 136
trans-1,2-Dichloroethene	ND		50.0	51.81		ug/L		104	66 - 143
trans-1,3-Dichloropropene	ND		50.0	49.56		ug/L		99	59 - 135
1,2,3-Trichlorobenzene	ND		50.0	48.64		ug/L		97	55 - 138
1,2,4-Trichlorobenzene	ND		50.0	51.22		ug/L		102	60 - 136
1,1,1-Trichloroethane	ND		50.0	52.73		ug/L		105	76 - 149
1,1,2-Trichloroethane	ND		50.0	51.28		ug/L		103	74 - 134
Trichloroethene	ND		50.0	54.87		ug/L		110	73 - 144
Trichlorofluoromethane	ND		50.0	53.31		ug/L		107	58 - 139
1,2,3-Trichloropropane	ND		50.0	50.51		ug/L		101	53 - 144
1,2,4-Trimethylbenzene	24.4		50.0	77.73		ug/L		107	69 - 136
1,3,5-Trimethylbenzene	8.15		50.0	62.10		ug/L		108	69 - 139
Vinyl chloride	ND		50.0	45.57		ug/L		91	56 - 129
Xylenes, Total	30.2		100	136.2		ug/L		106	74 - 141

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: 490-55453-8 MSD
Matrix: Water
Analysis Batch: 171408

Client Sample ID: MW-13(061214)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		250	211.6		ug/L		85	45 - 141	4	21
Benzene	ND		50.0	51.99		ug/L		104	75 - 133	1	17
Bromobenzene	ND		50.0	49.91		ug/L		100	60 - 138	4	20
Bromochloromethane	ND		50.0	49.89		ug/L		100	67 - 139	3	17
Bromodichloromethane	ND		50.0	48.10		ug/L		96	70 - 140	1	18
Bromoform	ND		50.0	55.62	E	ug/L		111	42 - 147	1	16
Bromomethane	ND	*	50.0	68.99	E	ug/L		137	16 - 163	6	50
2-Butanone (MEK)	ND		250	224.2		ug/L		90	50 - 138	4	19
Carbon disulfide	ND		50.0	47.48		ug/L		95	48 - 152	0	21
Carbon tetrachloride	ND		50.0	54.45		ug/L		109	62 - 164	0	19
Chlorobenzene	ND		50.0	53.04		ug/L		106	80 - 129	2	14
Chlorodibromomethane	ND		50.0	50.85		ug/L		102	66 - 140	0	15
Chloroethane	ND		50.0	43.03		ug/L		86	58 - 137	5	20
Chloroform	ND		50.0	49.96		ug/L		100	66 - 138	1	18
Chloromethane	ND		50.0	45.01		ug/L		90	10 - 169	2	31
2-Chlorotoluene	ND		50.0	55.35		ug/L		111	67 - 138	3	17

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

Lab Sample ID: 490-55453-8 MSD
Matrix: Water
Analysis Batch: 171408

Client Sample ID: MW-13(061214)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Chlorotoluene	ND		50.0	55.43		ug/L		111	69 - 138	3	18
cis-1,2-Dichloroethene	ND		50.0	49.91		ug/L		100	68 - 138	1	17
cis-1,3-Dichloropropene	ND		50.0	49.60		ug/L		99	71 - 141	0	15
1,2-Dibromo-3-Chloropropane	ND		50.0	47.05		ug/L		94	52 - 126	0	24
1,2-Dibromoethane (EDB)	ND		50.0	53.16		ug/L		106	75 - 137	0	15
Dibromomethane	ND		50.0	48.43		ug/L		97	58 - 140	1	16
1,2-Dichlorobenzene	ND		50.0	54.16		ug/L		108	79 - 128	3	15
1,3-Dichlorobenzene	ND		50.0	53.92		ug/L		108	77 - 131	2	15
1,4-Dichlorobenzene	ND		50.0	50.76		ug/L		102	78 - 126	3	15
Dichlorodifluoromethane	ND		50.0	38.74		ug/L		77	40 - 127	0	18
1,1-Dichloroethane	ND		50.0	51.55		ug/L		103	71 - 139	1	17
1,2-Dichloroethane	ND		50.0	50.37		ug/L		101	64 - 136	1	17
1,1-Dichloroethene	ND		50.0	53.09		ug/L		106	70 - 142	1	17
1,2-Dichloropropane	ND		50.0	53.88	F2	ug/L		108	67 - 131	19	17
1,3-Dichloropropane	ND		50.0	49.85		ug/L		100	72 - 134	0	14
2,2-Dichloropropane	ND		50.0	49.29		ug/L		99	37 - 175	2	18
1,1-Dichloropropene	ND		50.0	55.51		ug/L		111	76 - 139	1	17
Diisopropyl ether	ND		50.0	48.17		ug/L		96	10 - 200	0	50
Ethylbenzene	11.9		50.0	65.93		ug/L		108	79 - 139	0	15
Ethyl tert-butyl ether	ND		50.0	48.04		ug/L		96	60 - 138	0	19
Hexachlorobutadiene	ND		50.0	56.68		ug/L		113	45 - 155	13	23
2-Hexanone	ND		250	249.8		ug/L		100	50 - 150	1	15
Isopropylbenzene	2.68		50.0	59.85		ug/L		114	80 - 153	2	16
Methylene Chloride	ND		50.0	48.82		ug/L		98	64 - 139	1	17
4-Methyl-2-pentanone (MIBK)	ND		250	237.7		ug/L		95	50 - 147	4	17
Methyl tert-butyl ether	1.98		50.0	49.69		ug/L		95	66 - 141	1	16
Naphthalene	ND		50.0	58.57		ug/L		109	55 - 140	12	26
n-Butylbenzene	ND		50.0	59.48		ug/L		119	66 - 141	0	18
N-Propylbenzene	6.73		50.0	60.32		ug/L		107	69 - 142	3	17
p-Isopropyltoluene	ND		50.0	56.57		ug/L		113	71 - 137	4	16
sec-Butylbenzene	ND		50.0	55.59		ug/L		110	73 - 138	4	16
Styrene	ND		50.0	56.40		ug/L		113	61 - 148	0	24
Tert-amyl methyl ether	ND		50.0	47.86		ug/L		96	61 - 138	2	15
tert-Butyl alcohol (TBA)	ND		500	443.8		ug/L		89	50 - 183	4	32
tert-Butylbenzene	ND		50.0	53.67		ug/L		107	70 - 138	5	16
1,1,1,2-Tetrachloroethane	ND		50.0	53.23		ug/L		106	73 - 141	1	16
1,1,2,2-Tetrachloroethane	ND		50.0	49.24		ug/L		98	56 - 143	5	20
Tetrachloroethene	ND		50.0	54.85		ug/L		110	72 - 145	1	16
Toluene	ND		50.0	52.34		ug/L		104	75 - 136	1	15
trans-1,2-Dichloroethene	ND		50.0	51.90		ug/L		104	66 - 143	0	16
trans-1,3-Dichloropropene	ND		50.0	50.07		ug/L		100	59 - 135	1	14
1,2,3-Trichlorobenzene	ND		50.0	54.75		ug/L		110	55 - 138	12	25
1,2,4-Trichlorobenzene	ND		50.0	55.00		ug/L		110	60 - 136	7	19
1,1,1-Trichloroethane	ND		50.0	52.57		ug/L		105	76 - 149	0	17
1,1,2-Trichloroethane	ND		50.0	50.88		ug/L		102	74 - 134	1	15
Trichloroethene	ND		50.0	54.43		ug/L		109	73 - 144	1	17
Trichlorofluoromethane	ND		50.0	52.86		ug/L		106	58 - 139	1	18
1,2,3-Trichloropropane	ND		50.0	49.24		ug/L		98	53 - 144	3	19

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

Lab Sample ID: 490-55453-8 MSD — **Client Sample ID: MW-13(061214)**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 171408

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene	24.4		50.0	75.94		ug/L		103	69 - 136	2	16
1,3,5-Trimethylbenzene	8.15		50.0	60.15		ug/L		104	69 - 139	3	17
Vinyl chloride	ND		50.0	45.40		ug/L		91	56 - 129	0	17
Xylenes, Total	30.2		100	136.7		ug/L		107	74 - 141	0	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 490-171444/5 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 171444

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/21/14 05:15	1
Benzene	ND		1.00		ug/L			06/21/14 05:15	1
Bromobenzene	ND		1.00		ug/L			06/21/14 05:15	1
Bromochloromethane	ND		1.00		ug/L			06/21/14 05:15	1
Bromodichloromethane	ND		1.00		ug/L			06/21/14 05:15	1
Bromoform	ND		1.00		ug/L			06/21/14 05:15	1
Bromomethane	ND		1.00		ug/L			06/21/14 05:15	1
2-Butanone (MEK)	ND		50.0		ug/L			06/21/14 05:15	1
Carbon disulfide	ND		1.00		ug/L			06/21/14 05:15	1
Carbon tetrachloride	ND		1.00		ug/L			06/21/14 05:15	1
Chlorobenzene	ND		1.00		ug/L			06/21/14 05:15	1
Chlorodibromomethane	ND		1.00		ug/L			06/21/14 05:15	1
Chloroethane	ND		1.00		ug/L			06/21/14 05:15	1
Chloroform	ND		1.00		ug/L			06/21/14 05:15	1
Chloromethane	ND		1.00		ug/L			06/21/14 05:15	1
2-Chlorotoluene	ND		1.00		ug/L			06/21/14 05:15	1
4-Chlorotoluene	ND		1.00		ug/L			06/21/14 05:15	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 05:15	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 05:15	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/21/14 05:15	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/21/14 05:15	1
Dibromomethane	ND		1.00		ug/L			06/21/14 05:15	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/21/14 05:15	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/21/14 05:15	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/21/14 05:15	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/21/14 05:15	1
1,1-Dichloroethane	ND		1.00		ug/L			06/21/14 05:15	1
1,2-Dichloroethane	ND		1.00		ug/L			06/21/14 05:15	1
1,1-Dichloroethene	ND		1.00		ug/L			06/21/14 05:15	1
1,2-Dichloropropane	ND		1.00		ug/L			06/21/14 05:15	1
1,3-Dichloropropane	ND		1.00		ug/L			06/21/14 05:15	1
2,2-Dichloropropane	ND		1.00		ug/L			06/21/14 05:15	1

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

Lab Sample ID: MB 490-171444/5
Matrix: Water
Analysis Batch: 171444

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		1.00		ug/L			06/21/14 05:15	1
Diisopropyl ether	ND		2.00		ug/L			06/21/14 05:15	1
Ethylbenzene	ND		1.00		ug/L			06/21/14 05:15	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/21/14 05:15	1
Hexachlorobutadiene	ND		2.00		ug/L			06/21/14 05:15	1
2-Hexanone	ND		10.0		ug/L			06/21/14 05:15	1
Isopropylbenzene	ND		1.00		ug/L			06/21/14 05:15	1
Methylene Chloride	ND		5.00		ug/L			06/21/14 05:15	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/21/14 05:15	1
Methyl tert-butyl ether	ND		1.00		ug/L			06/21/14 05:15	1
Naphthalene	ND		5.00		ug/L			06/21/14 05:15	1
n-Butylbenzene	ND		1.00		ug/L			06/21/14 05:15	1
N-Propylbenzene	ND		1.00		ug/L			06/21/14 05:15	1
p-Isopropyltoluene	ND		1.00		ug/L			06/21/14 05:15	1
sec-Butylbenzene	ND		1.00		ug/L			06/21/14 05:15	1
Styrene	ND		1.00		ug/L			06/21/14 05:15	1
Tert-amyl methyl ether	ND		1.00		ug/L			06/21/14 05:15	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/21/14 05:15	1
tert-Butylbenzene	ND		1.00		ug/L			06/21/14 05:15	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 05:15	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 05:15	1
Tetrachloroethene	ND		1.00		ug/L			06/21/14 05:15	1
Toluene	ND		1.00		ug/L			06/21/14 05:15	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 05:15	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 05:15	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/21/14 05:15	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/21/14 05:15	1
1,1,1-Trichloroethane	ND		1.00		ug/L			06/21/14 05:15	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/21/14 05:15	1
Trichloroethene	ND		1.00		ug/L			06/21/14 05:15	1
Trichlorofluoromethane	ND		1.00		ug/L			06/21/14 05:15	1
1,2,3-Trichloropropane	ND		1.00		ug/L			06/21/14 05:15	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			06/21/14 05:15	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			06/21/14 05:15	1
Vinyl chloride	ND		1.00		ug/L			06/21/14 05:15	1
Xylenes, Total	ND		2.00		ug/L			06/21/14 05:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*06/21/14 05:15*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*06/21/14 05:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*06/21/14 05:15*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*06/21/14 05:15*	*1*

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

Lab Sample ID: LCS 490-171444/3
Matrix: Water
Analysis Batch: 171444

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	87.70		ug/L		88	54 - 145
Benzene	20.0	20.11		ug/L		101	80 - 121
Bromobenzene	20.0	20.23		ug/L		101	68 - 130
Bromochloromethane	20.0	20.85		ug/L		104	78 - 129
Bromodichloromethane	20.0	18.55		ug/L		93	75 - 129
Bromoform	20.0	20.46		ug/L		102	46 - 145
Bromomethane	20.0	28.66		ug/L		143	41 - 150
2-Butanone (MEK)	100	92.95		ug/L		93	62 - 133
Carbon disulfide	20.0	18.54		ug/L		93	77 - 126
Carbon tetrachloride	20.0	19.95		ug/L		100	64 - 147
Chlorobenzene	20.0	21.34		ug/L		107	80 - 120
Chlorodibromomethane	20.0	19.54		ug/L		98	69 - 133
Chloroethane	20.0	16.82		ug/L		84	72 - 120
Chloroform	20.0	20.07		ug/L		100	73 - 129
Chloromethane	20.0	19.20		ug/L		96	12 - 150
2-Chlorotoluene	20.0	19.54		ug/L		98	75 - 126
4-Chlorotoluene	20.0	20.99		ug/L		105	75 - 130
cis-1,2-Dichloroethene	20.0	19.40		ug/L		97	76 - 125
cis-1,3-Dichloropropene	20.0	19.46		ug/L		97	74 - 140
1,2-Dibromo-3-Chloropropane	20.0	17.84		ug/L		89	54 - 125
1,2-Dibromoethane (EDB)	20.0	22.22		ug/L		111	80 - 129
Dibromomethane	20.0	20.09		ug/L		100	71 - 125
1,2-Dichlorobenzene	20.0	21.66		ug/L		108	80 - 121
1,3-Dichlorobenzene	20.0	21.03		ug/L		105	80 - 122
1,4-Dichlorobenzene	20.0	20.09		ug/L		100	80 - 120
Dichlorodifluoromethane	20.0	19.85		ug/L		99	37 - 127
1,1-Dichloroethane	20.0	20.36		ug/L		102	78 - 125
1,2-Dichloroethane	20.0	20.69		ug/L		103	77 - 121
1,1-Dichloroethene	20.0	20.42		ug/L		102	79 - 124
1,2-Dichloropropane	20.0	17.70		ug/L		89	75 - 120
1,3-Dichloropropane	20.0	20.47		ug/L		102	80 - 125
2,2-Dichloropropane	20.0	16.94		ug/L		85	43 - 161
1,1-Dichloropropene	20.0	20.75		ug/L		104	80 - 122
Diisopropyl ether	20.0	19.82		ug/L		99	61 - 142
Ethylbenzene	20.0	21.22		ug/L		106	80 - 130
Ethyl tert-butyl ether	20.0	19.83		ug/L		99	63 - 135
Hexachlorobutadiene	20.0	21.15		ug/L		106	49 - 146
2-Hexanone	100	93.80		ug/L		94	60 - 142
Isopropylbenzene	20.0	21.36		ug/L		107	80 - 141
Methylene Chloride	20.0	19.82		ug/L		99	79 - 123
4-Methyl-2-pentanone (MIBK)	100	93.12		ug/L		93	60 - 137
Methyl tert-butyl ether	20.0	20.01		ug/L		100	72 - 133
Naphthalene	20.0	22.00		ug/L		110	62 - 138
n-Butylbenzene	20.0	20.67		ug/L		103	68 - 132
N-Propylbenzene	20.0	20.57		ug/L		103	75 - 129
p-Isopropyltoluene	20.0	21.50		ug/L		107	75 - 128
sec-Butylbenzene	20.0	20.43		ug/L		102	76 - 128
Styrene	20.0	21.68		ug/L		108	80 - 127

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

Lab Sample ID: LCS 490-171444/3
Matrix: Water
Analysis Batch: 171444

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tert-amyl methyl ether	20.0	19.58		ug/L		98	63 - 135
tert-Butyl alcohol (TBA)	200	174.2		ug/L		87	54 - 150
tert-Butylbenzene	20.0	21.07		ug/L		105	76 - 126
1,1,1,2-Tetrachloroethane	20.0	21.46		ug/L		107	74 - 135
1,1,2,2-Tetrachloroethane	20.0	20.05		ug/L		100	69 - 131
Tetrachloroethene	20.0	20.56		ug/L		103	80 - 126
Toluene	20.0	19.99		ug/L		100	80 - 126
trans-1,2-Dichloroethene	20.0	20.27		ug/L		101	79 - 126
trans-1,3-Dichloropropene	20.0	19.08		ug/L		95	63 - 134
1,2,3-Trichlorobenzene	20.0	22.30		ug/L		111	62 - 133
1,2,4-Trichlorobenzene	20.0	21.85		ug/L		109	63 - 133
1,1,1-Trichloroethane	20.0	19.84		ug/L		99	78 - 135
1,1,2-Trichloroethane	20.0	20.94		ug/L		105	80 - 124
Trichloroethene	20.0	21.02		ug/L		105	80 - 123
Trichlorofluoromethane	20.0	18.84		ug/L		94	65 - 124
1,2,3-Trichloropropane	20.0	19.61		ug/L		98	70 - 131
1,2,4-Trimethylbenzene	20.0	20.45		ug/L		102	77 - 126
1,3,5-Trimethylbenzene	20.0	20.43		ug/L		102	77 - 127
Vinyl chloride	20.0	18.16		ug/L		91	68 - 120
Xylenes, Total	40.0	42.17		ug/L		105	80 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 490-55453-11 MS
Matrix: Water
Analysis Batch: 171444

Client Sample ID: MW-16(061214)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		250	224.9		ug/L		90	45 - 141
Benzene	ND		50.0	52.91		ug/L		106	75 - 133
Bromobenzene	ND		50.0	51.09		ug/L		102	60 - 138
Bromochloromethane	ND		50.0	51.81		ug/L		104	67 - 139
Bromodichloromethane	ND		50.0	51.22		ug/L		102	70 - 140
Bromoform	ND		50.0	53.44	E	ug/L		107	42 - 147
Bromomethane	ND		50.0	67.87	E	ug/L		136	16 - 163
2-Butanone (MEK)	ND		250	240.8		ug/L		96	50 - 138
Carbon disulfide	ND		50.0	46.73		ug/L		93	48 - 152
Carbon tetrachloride	ND		50.0	53.17		ug/L		106	62 - 164
Chlorobenzene	ND		50.0	53.82		ug/L		108	80 - 129
Chlorodibromomethane	ND		50.0	50.50		ug/L		101	66 - 140
Chloroethane	ND		50.0	44.54		ug/L		89	58 - 137
Chloroform	ND		50.0	51.03		ug/L		102	66 - 138
Chloromethane	ND		50.0	41.39		ug/L		83	10 - 169
2-Chlorotoluene	ND		50.0	50.74		ug/L		101	67 - 138

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

Lab Sample ID: 490-55453-11 MS
Matrix: Water
Analysis Batch: 171444

Client Sample ID: MW-16(061214)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	ND		50.0	53.19		ug/L		106	69 - 138
cis-1,2-Dichloroethene	ND		50.0	49.05		ug/L		98	68 - 138
cis-1,3-Dichloropropene	ND		50.0	47.44		ug/L		95	71 - 141
1,2-Dibromo-3-Chloropropane	ND		50.0	44.61		ug/L		89	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	52.87		ug/L		106	75 - 137
Dibromomethane	ND		50.0	58.43		ug/L		117	58 - 140
1,2-Dichlorobenzene	ND		50.0	54.24		ug/L		108	79 - 128
1,3-Dichlorobenzene	ND		50.0	54.06		ug/L		108	77 - 131
1,4-Dichlorobenzene	ND		50.0	52.37		ug/L		105	78 - 126
Dichlorodifluoromethane	ND		50.0	36.21		ug/L		72	40 - 127
1,1-Dichloroethane	ND		50.0	51.81		ug/L		104	71 - 139
1,2-Dichloroethane	ND		50.0	51.39		ug/L		103	64 - 136
1,1-Dichloroethene	ND		50.0	53.05		ug/L		106	70 - 142
1,2-Dichloropropane	ND		50.0	55.43		ug/L		111	67 - 131
1,3-Dichloropropane	ND		50.0	49.81		ug/L		100	72 - 134
2,2-Dichloropropane	ND		50.0	40.81		ug/L		82	37 - 175
1,1-Dichloropropene	ND		50.0	56.05		ug/L		112	76 - 139
Diisopropyl ether	ND		50.0	47.76		ug/L		96	10 - 200
Ethylbenzene	ND		50.0	54.75		ug/L		110	79 - 139
Ethyl tert-butyl ether	ND		50.0	48.02		ug/L		96	60 - 138
Hexachlorobutadiene	ND		50.0	47.93		ug/L		96	45 - 155
2-Hexanone	ND		250	244.7		ug/L		98	50 - 150
Isopropylbenzene	ND		50.0	56.58		ug/L		113	80 - 153
Methylene Chloride	ND		50.0	48.13		ug/L		96	64 - 139
4-Methyl-2-pentanone (MIBK)	ND		250	242.3		ug/L		97	50 - 147
Methyl tert-butyl ether	ND		50.0	48.17		ug/L		96	66 - 141
Naphthalene	ND		50.0	51.16		ug/L		102	55 - 140
n-Butylbenzene	ND		50.0	55.72		ug/L		111	66 - 141
N-Propylbenzene	ND		50.0	55.13		ug/L		110	69 - 142
p-Isopropyltoluene	ND		50.0	57.20		ug/L		114	71 - 137
sec-Butylbenzene	ND		50.0	55.54		ug/L		111	73 - 138
Styrene	ND		50.0	56.28		ug/L		113	61 - 148
Tert-amyl methyl ether	ND		50.0	49.04		ug/L		98	61 - 138
tert-Butyl alcohol (TBA)	ND		500	442.3		ug/L		88	50 - 183
tert-Butylbenzene	ND		50.0	54.66		ug/L		109	70 - 138
1,1,1,2-Tetrachloroethane	ND		50.0	53.31		ug/L		107	73 - 141
1,1,2,2-Tetrachloroethane	ND		50.0	51.20		ug/L		102	56 - 143
Tetrachloroethene	ND		50.0	53.95		ug/L		108	72 - 145
Toluene	ND		50.0	52.29		ug/L		105	75 - 136
trans-1,2-Dichloroethene	ND		50.0	51.76		ug/L		104	66 - 143
trans-1,3-Dichloropropene	ND		50.0	47.77		ug/L		96	59 - 135
1,2,3-Trichlorobenzene	ND		50.0	47.19		ug/L		94	55 - 138
1,2,4-Trichlorobenzene	ND		50.0	48.81		ug/L		98	60 - 136
1,1,1-Trichloroethane	ND		50.0	51.72		ug/L		103	76 - 149
1,1,2-Trichloroethane	ND		50.0	51.40		ug/L		103	74 - 134
Trichloroethene	ND		50.0	54.80		ug/L		110	73 - 144
Trichlorofluoromethane	ND		50.0	52.92		ug/L		106	58 - 139
1,2,3-Trichloropropane	ND		50.0	50.97		ug/L		102	53 - 144

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

Lab Sample ID: 490-55453-11 MS
Matrix: Water
Analysis Batch: 171444

Client Sample ID: MW-16(061214)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	ND		50.0	54.74		ug/L		109	69 - 136
1,3,5-Trimethylbenzene	ND		50.0	53.65		ug/L		107	69 - 139
Vinyl chloride	ND		50.0	44.48		ug/L		89	56 - 129
Xylenes, Total	ND		100	108.1		ug/L		108	74 - 141

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 490-55453-11 MSD
Matrix: Water
Analysis Batch: 171444

Client Sample ID: MW-16(061214)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		250	232.9		ug/L		93	45 - 141	3	21
Benzene	ND		50.0	53.68		ug/L		107	75 - 133	1	17
Bromobenzene	ND		50.0	52.91		ug/L		106	60 - 138	3	20
Bromochloromethane	ND		50.0	51.73		ug/L		103	67 - 139	0	17
Bromodichloromethane	ND		50.0	48.59		ug/L		97	70 - 140	5	18
Bromoform	ND		50.0	54.97	E	ug/L		110	42 - 147	3	16
Bromomethane	ND		50.0	71.16	E	ug/L		142	16 - 163	5	50
2-Butanone (MEK)	ND		250	243.9		ug/L		98	50 - 138	1	19
Carbon disulfide	ND		50.0	47.61		ug/L		95	48 - 152	2	21
Carbon tetrachloride	ND		50.0	55.36		ug/L		111	62 - 164	4	19
Chlorobenzene	ND		50.0	54.97		ug/L		110	80 - 129	2	14
Chlorodibromomethane	ND		50.0	51.44		ug/L		103	66 - 140	2	15
Chloroethane	ND		50.0	44.27		ug/L		89	58 - 137	1	20
Chloroform	ND		50.0	52.24		ug/L		104	66 - 138	2	18
Chloromethane	ND		50.0	43.30		ug/L		87	10 - 169	5	31
2-Chlorotoluene	ND		50.0	53.83		ug/L		108	67 - 138	6	17
4-Chlorotoluene	ND		50.0	58.21		ug/L		116	69 - 138	9	18
cis-1,2-Dichloroethene	ND		50.0	50.21		ug/L		100	68 - 138	2	17
cis-1,3-Dichloropropene	ND		50.0	48.50		ug/L		97	71 - 141	2	15
1,2-Dibromo-3-Chloropropane	ND		50.0	49.09		ug/L		98	52 - 126	10	24
1,2-Dibromoethane (EDB)	ND		50.0	54.86		ug/L		110	75 - 137	4	15
Dibromomethane	ND		50.0	57.46		ug/L		115	58 - 140	2	16
1,2-Dichlorobenzene	ND		50.0	56.98		ug/L		114	79 - 128	5	15
1,3-Dichlorobenzene	ND		50.0	57.03		ug/L		114	77 - 131	5	15
1,4-Dichlorobenzene	ND		50.0	54.26		ug/L		109	78 - 126	4	15
Dichlorodifluoromethane	ND		50.0	36.75		ug/L		74	40 - 127	1	18
1,1-Dichloroethane	ND		50.0	52.92		ug/L		106	71 - 139	2	17
1,2-Dichloroethane	ND		50.0	52.28		ug/L		105	64 - 136	2	17
1,1-Dichloroethene	ND		50.0	54.51		ug/L		109	70 - 142	3	17
1,2-Dichloropropane	ND		50.0	56.35		ug/L		113	67 - 131	2	17
1,3-Dichloropropane	ND		50.0	50.83		ug/L		102	72 - 134	2	14
2,2-Dichloropropane	ND		50.0	41.65		ug/L		83	37 - 175	2	18

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

Lab Sample ID: 490-55453-11 MSD
Matrix: Water
Analysis Batch: 171444

Client Sample ID: MW-16(061214)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloropropene	ND		50.0	57.44		ug/L		115	76 - 139	2	17
Diisopropyl ether	ND		50.0	48.67		ug/L		97	10 - 200	2	50
Ethylbenzene	ND		50.0	55.55		ug/L		111	79 - 139	1	15
Ethyl tert-butyl ether	ND		50.0	48.74		ug/L		97	60 - 138	1	19
Hexachlorobutadiene	ND		50.0	55.82		ug/L		112	45 - 155	15	23
2-Hexanone	ND		250	250.4		ug/L		100	50 - 150	2	15
Isopropylbenzene	ND		50.0	57.53		ug/L		115	80 - 153	2	16
Methylene Chloride	ND		50.0	49.84		ug/L		100	64 - 139	3	17
4-Methyl-2-pentanone (MIBK)	ND		250	247.0		ug/L		99	50 - 147	2	17
Methyl tert-butyl ether	ND		50.0	49.06		ug/L		98	66 - 141	2	16
Naphthalene	ND		50.0	56.96		ug/L		114	55 - 140	11	26
n-Butylbenzene	ND		50.0	60.06		ug/L		120	66 - 141	8	18
N-Propylbenzene	ND		50.0	57.17		ug/L		114	69 - 142	4	17
p-Isopropyltoluene	ND		50.0	59.40		ug/L		119	71 - 137	4	16
sec-Butylbenzene	ND		50.0	57.88		ug/L		116	73 - 138	4	16
Styrene	ND		50.0	56.52		ug/L		113	61 - 148	0	24
Tert-amyl methyl ether	ND		50.0	48.55		ug/L		97	61 - 138	1	15
tert-Butyl alcohol (TBA)	ND		500	481.2		ug/L		96	50 - 183	8	32
tert-Butylbenzene	ND		50.0	57.34		ug/L		115	70 - 138	5	16
1,1,1,2-Tetrachloroethane	ND		50.0	54.99		ug/L		110	73 - 141	3	16
1,1,2,2-Tetrachloroethane	ND		50.0	53.92		ug/L		108	56 - 143	5	20
Tetrachloroethene	ND		50.0	56.19		ug/L		112	72 - 145	4	16
Toluene	ND		50.0	53.16		ug/L		106	75 - 136	2	15
trans-1,2-Dichloroethene	ND		50.0	52.55		ug/L		105	66 - 143	2	16
trans-1,3-Dichloropropene	ND		50.0	48.46		ug/L		97	59 - 135	1	14
1,2,3-Trichlorobenzene	ND		50.0	56.32		ug/L		113	55 - 138	18	25
1,2,4-Trichlorobenzene	ND		50.0	55.92		ug/L		112	60 - 136	14	19
1,1,1-Trichloroethane	ND		50.0	53.90		ug/L		108	76 - 149	4	17
1,1,2-Trichloroethane	ND		50.0	52.76		ug/L		106	74 - 134	3	15
Trichloroethene	ND		50.0	55.67		ug/L		111	73 - 144	2	17
Trichlorofluoromethane	ND		50.0	53.80		ug/L		108	58 - 139	2	18
1,2,3-Trichloropropane	ND		50.0	52.58		ug/L		105	53 - 144	3	19
1,2,4-Trimethylbenzene	ND		50.0	56.50		ug/L		113	69 - 136	3	16
1,3,5-Trimethylbenzene	ND		50.0	56.43		ug/L		113	69 - 139	5	17
Vinyl chloride	ND		50.0	46.30		ug/L		93	56 - 129	4	17
Xylenes, Total	ND		100	108.4		ug/L		108	74 - 141	0	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

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

Lab Sample ID: MB 490-171533/6
Matrix: Water
Analysis Batch: 171533

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0		ug/L			06/21/14 15:58	1
Benzene	ND		1.00		ug/L			06/21/14 15:58	1
Bromobenzene	ND		1.00		ug/L			06/21/14 15:58	1
Bromochloromethane	ND		1.00		ug/L			06/21/14 15:58	1
Bromodichloromethane	ND		1.00		ug/L			06/21/14 15:58	1
Bromoform	ND		1.00		ug/L			06/21/14 15:58	1
Bromomethane	ND		1.00		ug/L			06/21/14 15:58	1
2-Butanone (MEK)	ND		50.0		ug/L			06/21/14 15:58	1
Carbon disulfide	ND		1.00		ug/L			06/21/14 15:58	1
Carbon tetrachloride	ND		1.00		ug/L			06/21/14 15:58	1
Chlorobenzene	ND		1.00		ug/L			06/21/14 15:58	1
Chlorodibromomethane	ND		1.00		ug/L			06/21/14 15:58	1
Chloroethane	ND		1.00		ug/L			06/21/14 15:58	1
Chloroform	ND		1.00		ug/L			06/21/14 15:58	1
Chloromethane	ND		1.00		ug/L			06/21/14 15:58	1
2-Chlorotoluene	ND		1.00		ug/L			06/21/14 15:58	1
4-Chlorotoluene	ND		1.00		ug/L			06/21/14 15:58	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 15:58	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 15:58	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			06/21/14 15:58	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			06/21/14 15:58	1
Dibromomethane	ND		1.00		ug/L			06/21/14 15:58	1
1,2-Dichlorobenzene	ND		1.00		ug/L			06/21/14 15:58	1
1,3-Dichlorobenzene	ND		1.00		ug/L			06/21/14 15:58	1
1,4-Dichlorobenzene	ND		1.00		ug/L			06/21/14 15:58	1
Dichlorodifluoromethane	ND		1.00		ug/L			06/21/14 15:58	1
1,1-Dichloroethane	ND		1.00		ug/L			06/21/14 15:58	1
1,2-Dichloroethane	ND		1.00		ug/L			06/21/14 15:58	1
1,1-Dichloroethene	ND		1.00		ug/L			06/21/14 15:58	1
1,2-Dichloropropane	ND		1.00		ug/L			06/21/14 15:58	1
1,3-Dichloropropane	ND		1.00		ug/L			06/21/14 15:58	1
2,2-Dichloropropane	ND		1.00		ug/L			06/21/14 15:58	1
1,1-Dichloropropene	ND		1.00		ug/L			06/21/14 15:58	1
Diisopropyl ether	ND		2.00		ug/L			06/21/14 15:58	1
Ethylbenzene	ND		1.00		ug/L			06/21/14 15:58	1
Ethyl tert-butyl ether	ND		1.00		ug/L			06/21/14 15:58	1
Hexachlorobutadiene	ND		2.00		ug/L			06/21/14 15:58	1
2-Hexanone	ND		10.0		ug/L			06/21/14 15:58	1
Isopropylbenzene	ND		1.00		ug/L			06/21/14 15:58	1
Methylene Chloride	ND		5.00		ug/L			06/21/14 15:58	1
4-Methyl-2-pentanone (MIBK)	ND		10.0		ug/L			06/21/14 15:58	1
Methyl tert-butyl ether	ND		1.00		ug/L			06/21/14 15:58	1
Naphthalene	ND		5.00		ug/L			06/21/14 15:58	1
n-Butylbenzene	ND		1.00		ug/L			06/21/14 15:58	1
N-Propylbenzene	ND		1.00		ug/L			06/21/14 15:58	1
p-Isopropyltoluene	ND		1.00		ug/L			06/21/14 15:58	1
sec-Butylbenzene	ND		1.00		ug/L			06/21/14 15:58	1
Styrene	ND		1.00		ug/L			06/21/14 15:58	1

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

Lab Sample ID: MB 490-171533/6
Matrix: Water
Analysis Batch: 171533

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	ND		1.00		ug/L			06/21/14 15:58	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			06/21/14 15:58	1
tert-Butylbenzene	ND		1.00		ug/L			06/21/14 15:58	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 15:58	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			06/21/14 15:58	1
Tetrachloroethene	ND		1.00		ug/L			06/21/14 15:58	1
Toluene	ND		1.00		ug/L			06/21/14 15:58	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			06/21/14 15:58	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			06/21/14 15:58	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			06/21/14 15:58	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			06/21/14 15:58	1
1,1,1-Trichloroethane	ND		1.00		ug/L			06/21/14 15:58	1
1,1,2-Trichloroethane	ND		1.00		ug/L			06/21/14 15:58	1
Trichloroethene	ND		1.00		ug/L			06/21/14 15:58	1
Trichlorofluoromethane	ND		1.00		ug/L			06/21/14 15:58	1
1,2,3-Trichloropropane	ND		1.00		ug/L			06/21/14 15:58	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			06/21/14 15:58	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			06/21/14 15:58	1
Vinyl chloride	ND		1.00		ug/L			06/21/14 15:58	1
Xylenes, Total	ND		2.00		ug/L			06/21/14 15:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*06/21/14 15:58*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*06/21/14 15:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*06/21/14 15:58*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/21/14 15:58*	*1*

Lab Sample ID: LCS 490-171533/3
Matrix: Water
Analysis Batch: 171533

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	95.25		ug/L		95	54 - 145
Benzene	20.0	19.96		ug/L		100	80 - 121
Bromobenzene	20.0	19.76		ug/L		99	68 - 130
Bromochloromethane	20.0	19.89		ug/L		99	78 - 129
Bromodichloromethane	20.0	17.07		ug/L		85	75 - 129
Bromoform	20.0	19.18		ug/L		96	46 - 145
Bromomethane	20.0	28.56		ug/L		143	41 - 150
2-Butanone (MEK)	100	97.23		ug/L		97	62 - 133
Carbon disulfide	20.0	17.69		ug/L		88	77 - 126
Carbon tetrachloride	20.0	18.79		ug/L		94	64 - 147
Chlorobenzene	20.0	20.89		ug/L		104	80 - 120
Chlorodibromomethane	20.0	18.43		ug/L		92	69 - 133
Chloroethane	20.0	18.87		ug/L		94	72 - 120
Chloroform	20.0	19.70		ug/L		98	73 - 129
Chloromethane	20.0	19.52		ug/L		98	12 - 150
2-Chlorotoluene	20.0	19.04		ug/L		95	75 - 126

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

Lab Sample ID: LCS 490-171533/3
Matrix: Water
Analysis Batch: 171533

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	20.0	19.56		ug/L		98	75 - 130
cis-1,2-Dichloroethene	20.0	19.74		ug/L		99	76 - 125
cis-1,3-Dichloropropene	20.0	18.91		ug/L		95	74 - 140
1,2-Dibromo-3-Chloropropane	20.0	17.95		ug/L		90	54 - 125
1,2-Dibromoethane (EDB)	20.0	21.42		ug/L		107	80 - 129
Dibromomethane	20.0	20.81		ug/L		104	71 - 125
1,2-Dichlorobenzene	20.0	21.19		ug/L		106	80 - 121
1,3-Dichlorobenzene	20.0	21.00		ug/L		105	80 - 122
1,4-Dichlorobenzene	20.0	20.97		ug/L		105	80 - 120
Dichlorodifluoromethane	20.0	21.19		ug/L		106	37 - 127
1,1-Dichloroethane	20.0	19.81		ug/L		99	78 - 125
1,2-Dichloroethane	20.0	20.35		ug/L		102	77 - 121
1,1-Dichloroethene	20.0	19.86		ug/L		99	79 - 124
1,2-Dichloropropane	20.0	21.52		ug/L		108	75 - 120
1,3-Dichloropropane	20.0	20.23		ug/L		101	80 - 125
2,2-Dichloropropane	20.0	18.77		ug/L		94	43 - 161
1,1-Dichloropropene	20.0	20.51		ug/L		103	80 - 122
Diisopropyl ether	20.0	18.92		ug/L		95	61 - 142
Ethylbenzene	20.0	20.58		ug/L		103	80 - 130
Ethyl tert-butyl ether	20.0	18.94		ug/L		95	63 - 135
Hexachlorobutadiene	20.0	20.74		ug/L		104	49 - 146
2-Hexanone	100	97.29		ug/L		97	60 - 142
Isopropylbenzene	20.0	20.95		ug/L		105	80 - 141
Methylene Chloride	20.0	19.37		ug/L		97	79 - 123
4-Methyl-2-pentanone (MIBK)	100	97.97		ug/L		98	60 - 137
Methyl tert-butyl ether	20.0	19.44		ug/L		97	72 - 133
Naphthalene	20.0	21.91		ug/L		110	62 - 138
n-Butylbenzene	20.0	21.05		ug/L		105	68 - 132
N-Propylbenzene	20.0	20.17		ug/L		101	75 - 129
p-Isopropyltoluene	20.0	21.19		ug/L		106	75 - 128
sec-Butylbenzene	20.0	20.24		ug/L		101	76 - 128
Styrene	20.0	21.26		ug/L		106	80 - 127
Tert-amyl methyl ether	20.0	19.39		ug/L		97	63 - 135
tert-Butyl alcohol (TBA)	200	193.6		ug/L		97	54 - 150
tert-Butylbenzene	20.0	20.04		ug/L		100	76 - 126
1,1,1,2-Tetrachloroethane	20.0	20.26		ug/L		101	74 - 135
1,1,2,2-Tetrachloroethane	20.0	20.17		ug/L		101	69 - 131
Tetrachloroethene	20.0	20.30		ug/L		102	80 - 126
Toluene	20.0	19.67		ug/L		98	80 - 126
trans-1,2-Dichloroethene	20.0	19.61		ug/L		98	79 - 126
trans-1,3-Dichloropropene	20.0	18.13		ug/L		91	63 - 134
1,2,3-Trichlorobenzene	20.0	21.99		ug/L		110	62 - 133
1,2,4-Trichlorobenzene	20.0	21.24		ug/L		106	63 - 133
1,1,1-Trichloroethane	20.0	19.09		ug/L		95	78 - 135
1,1,2-Trichloroethane	20.0	20.01		ug/L		100	80 - 124
Trichloroethene	20.0	20.22		ug/L		101	80 - 123
Trichlorofluoromethane	20.0	21.59		ug/L		108	65 - 124
1,2,3-Trichloropropane	20.0	19.58		ug/L		98	70 - 131

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

Lab Sample ID: LCS 490-171533/3
Matrix: Water
Analysis Batch: 171533

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	20.0	20.14		ug/L		101	77 - 126
1,3,5-Trimethylbenzene	20.0	19.91		ug/L		100	77 - 127
Vinyl chloride	20.0	19.54		ug/L		98	68 - 120
Xylenes, Total	40.0	40.12		ug/L		100	80 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 490-171533/4
Matrix: Water
Analysis Batch: 171533

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	88.87		ug/L		89	54 - 145	7	21
Benzene	20.0	19.58		ug/L		98	80 - 121	2	17
Bromobenzene	20.0	19.62		ug/L		98	68 - 130	1	20
Bromochloromethane	20.0	19.96		ug/L		100	78 - 129	0	17
Bromodichloromethane	20.0	17.42		ug/L		87	75 - 129	2	18
Bromoform	20.0	18.19		ug/L		91	46 - 145	5	16
Bromomethane	20.0	28.41		ug/L		142	41 - 150	1	50
2-Butanone (MEK)	100	94.46		ug/L		94	62 - 133	3	19
Carbon disulfide	20.0	17.02		ug/L		85	77 - 126	4	21
Carbon tetrachloride	20.0	18.48		ug/L		92	64 - 147	2	19
Chlorobenzene	20.0	20.63		ug/L		103	80 - 120	1	14
Chlorodibromomethane	20.0	18.22		ug/L		91	69 - 133	1	15
Chloroethane	20.0	18.11		ug/L		91	72 - 120	4	20
Chloroform	20.0	18.85		ug/L		94	73 - 129	4	18
Chloromethane	20.0	18.94		ug/L		95	12 - 150	3	31
2-Chlorotoluene	20.0	19.16		ug/L		96	75 - 126	1	17
4-Chlorotoluene	20.0	19.81		ug/L		99	75 - 130	1	18
cis-1,2-Dichloroethene	20.0	19.11		ug/L		96	76 - 125	3	17
cis-1,3-Dichloropropene	20.0	18.88		ug/L		94	74 - 140	0	15
1,2-Dibromo-3-Chloropropane	20.0	17.90		ug/L		90	54 - 125	0	24
1,2-Dibromoethane (EDB)	20.0	20.90		ug/L		104	80 - 129	2	15
Dibromomethane	20.0	18.39		ug/L		92	71 - 125	12	16
1,2-Dichlorobenzene	20.0	21.25		ug/L		106	80 - 121	0	15
1,3-Dichlorobenzene	20.0	20.85		ug/L		104	80 - 122	1	15
1,4-Dichlorobenzene	20.0	20.49		ug/L		102	80 - 120	2	15
Dichlorodifluoromethane	20.0	21.07		ug/L		105	37 - 127	1	18
1,1-Dichloroethane	20.0	19.49		ug/L		97	78 - 125	2	17
1,2-Dichloroethane	20.0	19.89		ug/L		99	77 - 121	2	17
1,1-Dichloroethene	20.0	19.04		ug/L		95	79 - 124	4	17
1,2-Dichloropropane	20.0	17.62	*	ug/L		88	75 - 120	20	17
1,3-Dichloropropane	20.0	19.99		ug/L		100	80 - 125	1	14
2,2-Dichloropropane	20.0	17.82		ug/L		89	43 - 161	5	18

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

Lab Sample ID: LCSD 490-171533/4
Matrix: Water
Analysis Batch: 171533

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloropropene	20.0	19.89		ug/L		99	80 - 122	3	17
Diisopropyl ether	20.0	18.42		ug/L		92	61 - 142	3	50
Ethylbenzene	20.0	20.19		ug/L		101	80 - 130	2	15
Ethyl tert-butyl ether	20.0	18.52		ug/L		93	63 - 135	2	19
Hexachlorobutadiene	20.0	20.59		ug/L		103	49 - 146	1	23
2-Hexanone	100	93.16		ug/L		93	60 - 142	4	15
Isopropylbenzene	20.0	19.86		ug/L		99	80 - 141	5	16
Methylene Chloride	20.0	18.69		ug/L		93	79 - 123	4	17
4-Methyl-2-pentanone (MIBK)	100	92.86		ug/L		93	60 - 137	5	17
Methyl tert-butyl ether	20.0	18.92		ug/L		95	72 - 133	3	16
Naphthalene	20.0	21.56		ug/L		108	62 - 138	2	26
n-Butylbenzene	20.0	20.39		ug/L		102	68 - 132	3	18
N-Propylbenzene	20.0	20.12		ug/L		101	75 - 129	0	17
p-Isopropyltoluene	20.0	20.20		ug/L		101	75 - 128	5	16
sec-Butylbenzene	20.0	19.66		ug/L		98	76 - 128	3	16
Styrene	20.0	20.50		ug/L		103	80 - 127	4	24
Tert-amyl methyl ether	20.0	18.74		ug/L		94	63 - 135	3	15
tert-Butyl alcohol (TBA)	200	180.6		ug/L		90	54 - 150	7	32
tert-Butylbenzene	20.0	20.11		ug/L		101	76 - 126	0	16
1,1,1,2-Tetrachloroethane	20.0	19.73		ug/L		99	74 - 135	3	16
1,1,2,2-Tetrachloroethane	20.0	20.10		ug/L		101	69 - 131	0	20
Tetrachloroethene	20.0	19.87		ug/L		99	80 - 126	2	16
Toluene	20.0	19.68		ug/L		98	80 - 126	0	15
trans-1,2-Dichloroethene	20.0	18.90		ug/L		95	79 - 126	4	16
trans-1,3-Dichloropropene	20.0	17.94		ug/L		90	63 - 134	1	14
1,2,3-Trichlorobenzene	20.0	21.55		ug/L		108	62 - 133	2	25
1,2,4-Trichlorobenzene	20.0	20.52		ug/L		103	63 - 133	3	19
1,1,1-Trichloroethane	20.0	18.68		ug/L		93	78 - 135	2	17
1,1,2-Trichloroethane	20.0	20.29		ug/L		101	80 - 124	1	15
Trichloroethene	20.0	20.11		ug/L		101	80 - 123	1	17
Trichlorofluoromethane	20.0	20.86		ug/L		104	65 - 124	3	18
1,2,3-Trichloropropane	20.0	20.52		ug/L		103	70 - 131	5	19
1,2,4-Trimethylbenzene	20.0	20.02		ug/L		100	77 - 126	1	16
1,3,5-Trimethylbenzene	20.0	19.92		ug/L		100	77 - 127	0	17
Vinyl chloride	20.0	19.12		ug/L		96	68 - 120	2	17
Xylenes, Total	40.0	39.49		ug/L		99	80 - 132	2	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

GC/MS VOA

Analysis Batch: 171408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-55453-8	MW-13(061214)	Total/NA	Water	8260B	
490-55453-8 MS	MW-13(061214)	Total/NA	Water	8260B	
490-55453-8 MSD	MW-13(061214)	Total/NA	Water	8260B	
490-55453-9	MW-14(061214)	Total/NA	Water	8260B	
490-55453-10	MW-15(061214)	Total/NA	Water	8260B	
490-55453-14	TB-1(061214)	Total/NA	Water	8260B	
LCS 490-171408/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-171408/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-171408/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 171444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-55453-1	MW-1A(061214)	Total/NA	Water	8260B	
490-55453-2	MW-2A(061214)	Total/NA	Water	8260B	
490-55453-3	MW-3A(061214)	Total/NA	Water	8260B	
490-55453-4	MW-8(061214)	Total/NA	Water	8260B	
490-55453-5	MW-10(061214)	Total/NA	Water	8260B	
490-55453-6	MW-11(061214)	Total/NA	Water	8260B	
490-55453-7	MW-12(061214)	Total/NA	Water	8260B	
490-55453-11	MW-16(061214)	Total/NA	Water	8260B	
490-55453-11 MS	MW-16(061214)	Total/NA	Water	8260B	
490-55453-11 MSD	MW-16(061214)	Total/NA	Water	8260B	
490-55453-12	DUP-1(061214)	Total/NA	Water	8260B	
490-55453-13	RB-1(061214)	Total/NA	Water	8260B	
LCS 490-171444/3	Lab Control Sample	Total/NA	Water	8260B	
MB 490-171444/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 171533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-55453-1	MW-1A(061214)	Total/NA	Water	8260B	
490-55453-2	MW-2A(061214)	Total/NA	Water	8260B	
490-55453-12	DUP-1(061214)	Total/NA	Water	8260B	
LCS 490-171533/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-171533/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-171533/6	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-1A(061214)

Lab Sample ID: 490-55453-1
Date Collected: 06/12/14 10:55
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	5 mL	5 mL	171444	06/21/14 08:52	JJR	TAL NSH
Total/NA	Analysis	8260B		50	5 mL	5 mL	171533	06/21/14 16:26	JJR	TAL NSH

Client Sample ID: MW-2A(061214)

Lab Sample ID: 490-55453-2
Date Collected: 06/12/14 14:50
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	5 mL	5 mL	171444	06/21/14 09:19	JJR	TAL NSH
Total/NA	Analysis	8260B		50	5 mL	5 mL	171533	06/21/14 16:53	JJR	TAL NSH

Client Sample ID: MW-3A(061214)

Lab Sample ID: 490-55453-3
Date Collected: 06/12/14 09:50
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171444	06/21/14 06:36	JJR	TAL NSH

Client Sample ID: MW-8(061214)

Lab Sample ID: 490-55453-4
Date Collected: 06/12/14 10:20
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171444	06/21/14 07:03	JJR	TAL NSH

Client Sample ID: MW-10(061214)

Lab Sample ID: 490-55453-5
Date Collected: 06/12/14 14:40
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171444	06/21/14 07:31	JJR	TAL NSH

Client Sample ID: MW-11(061214)

Lab Sample ID: 490-55453-6
Date Collected: 06/12/14 11:55
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171444	06/21/14 07:58	JJR	TAL NSH

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: MW-12(061214)

Lab Sample ID: 490-55453-7
Date Collected: 06/12/14 11:40
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171444	06/21/14 08:25	JJR	TAL NSH

Client Sample ID: MW-13(061214)

Lab Sample ID: 490-55453-8
Date Collected: 06/12/14 10:40
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171408	06/20/14 22:28	JJR	TAL NSH

Client Sample ID: MW-14(061214)

Lab Sample ID: 490-55453-9
Date Collected: 06/12/14 09:45
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171408	06/21/14 01:38	JJR	TAL NSH

Client Sample ID: MW-15(061214)

Lab Sample ID: 490-55453-10
Date Collected: 06/12/14 09:00
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171408	06/21/14 02:05	JJR	TAL NSH

Client Sample ID: MW-16(061214)

Lab Sample ID: 490-55453-11
Date Collected: 06/12/14 15:25
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171444	06/21/14 06:09	JJR	TAL NSH

Client Sample ID: DUP-1(061214)

Lab Sample ID: 490-55453-12
Date Collected: 06/12/14 12:00
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	5 mL	5 mL	171444	06/21/14 09:46	JJR	TAL NSH
Total/NA	Analysis	8260B		50	5 mL	5 mL	171533	06/21/14 17:20	JJR	TAL NSH

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Client Sample ID: RB-1(061214)

Lab Sample ID: 490-55453-13

Date Collected: 06/12/14 18:00
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171444	06/21/14 05:42	JJR	TAL NSH

Client Sample ID: TB-1(061214)

Lab Sample ID: 490-55453-14

Date Collected: 06/12/14 00:01
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	171408	06/20/14 22:01	JJR	TAL NSH

Laboratory References:

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

Method Summary

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	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: #14489 - North East, MD

TestAmerica Job ID: 490-55453-1

Laboratory: TestAmerica Nashville

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Maryland	State Program	3	316	03-31-15

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FO

490-55453 Chain of Custody

Cooler Received/Opened On : 06/14/2014 @ 0830

1. Tracking # 7603 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun: 96210146

2. Temperature of rep. sample or temp blank when opened: 2.1 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 # _____

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

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/12

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Sarah Matteson	Lab PM: Huckaba, Jennifer	Carrier Tracking No(s):	COC No: 490-25217-6040.1
Client Contact: Mr. Rusty Kahl	Phone: 410-935-7555	E-Mail: jennifer.huckaba@testamericainc.com		Page: Page 1 of 2
Company: ARCADIS U.S., Inc.				Job #:
Address: 1114 Benfield Blvd. Suite A	Due Date Requested: —			
City: Millersville	TAT Requested (days): —			
State, Zip: MD, 21108				
Phone: 804-665-1074(Tel)	PO #: Purchase Order Requested			
Email: rusty.kahl@arcadis-us.com	WO #: —			
Project Name: #14489 - North East, MD	Project #: 49001445			
Site: Northeast	SSOW#: —			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)

Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Full List + OXYGENATES	Total Number of containers	Special Instructions/Note:
				Preservation Code:				A		
1	MW-1A (061214)	6/12/14	1055	G	w			X	3	Parent Sample for DUP-1
2	MW-2A (061214)		1450							
3	MW-3A (061214)		0950							
4	MW-8 (061214)		1020							
5	MW-10 (061214)		1440							Loc: 490 55453
6	MW-11 (061214)		1155							
7	MW-12 (061214)		1140							
8	MW-13 (061214)		1040							
9	MW-14 (061214)		0945							
10	MW-15 (061214)		0900							
11	MW-16 (061214)		1525							

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	6/13/14	ARCADIS		6/13/14 10 30	TestAmerica
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	6-13-2014/1805			6/14/14 8:30	TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.1

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information
Client Contact: Mr. Rusty Kahl
Company: ARCADIS U.S., Inc.
Address: 1114 Benfield Blvd. Suite A
City: Millersville
State, Zip: MD, 21108
Phone: 804-665-1074(Tel)
Email: rusty.kahl@arcadis-us.com
Project Name: #14489 - North East, MD
Site: Northeast

Sampler: Sarah Mattesson
Phone: 410-935-7555
Lab PM: Huckaba, Jennifer
E-Mail: jennifer.huckaba@testamericainc.com
Carrier Tracking No(s):
COC No: 490-25217-6040.2
Page: Page 2 of 2
Job #:

Due Date Requested: —
TAT Requested (days): —
PO #: Purchase Order Requested
WO #: —
Project #: 49001445
SSOW#: —

Analysis Requested

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - Full List + OXYGENATES	Total Number of containers
				Preservation Code:				A	
12	DUP-1(061214)	6/12/14	1200	G	W			X	2
13	RB-1(061214)	↓	1800	↓	↓			↓	
14	TB-1 (061214)	↓	—	↓	↓			↓	

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2SO3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - ph 4-5
Z - other (specify)
Other:

Special Instructions/Note:

Loc: 490
55453

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological
Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	6/13/14	ARCADIS	[signature]	6/13/14 1030	TestAmerica
[signature]	6-13-2014 1805		[signature]	6/14/14 8:30	TAL

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.1

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 490-55453-1

Login Number: 55453
List Number: 1
Creator: Huskey, Adam

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

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: 490-55460-1
Client Project/Site: #14489 - North East, MD

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

Attn: Sterling Turner

Jennifer Huckaba

Authorized for release by:
6/28/2014 3:10:58 PM

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

LINKS

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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.

Table of Contents

Cover Page 1
Table of Contents 2
Sample Summary 3
Case Narrative 4
Definitions 5
Client Sample Results 6
QC Sample Results 14
QC Association 19
Chronicle 20
Method Summary 21
Certification Summary 22
Chain of Custody 23
Receipt Checklists 25

Sample Summary

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55460-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-55460-1	2590BINF(061214)	Water	06/12/14 12:40	06/14/14 08:30
490-55460-2	2590BMID(061214)	Water	06/12/14 12:45	06/14/14 08:30
490-55460-3	2590BEFF(061214)	Water	06/12/14 12:50	06/14/14 08:30
490-55460-4	TB-1(061214)	Water	06/12/14 00:01	06/14/14 08:30

Job ID: 490-55460-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-55460-1

Comments
No additional comments.

Receipt
The samples were received on 6/14/2014 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.5º C.

GC/MS VOA
Method(s) 524.2: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 171221 recovered outside control limits for the following analytes: 1,2,3-trichlorobenzene.

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

Definitions/Glossary

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55460-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55460-1

Client Sample ID: 2590BINF(061214)

Lab Sample ID: 490-55460-1

Date Collected: 06/12/14 12:40
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.500		ug/L			06/20/14 15:44	1
Bromobenzene	ND		0.500		ug/L			06/20/14 15:44	1
Bromochloromethane	ND		0.500		ug/L			06/20/14 15:44	1
Bromodichloromethane	ND		0.500		ug/L			06/20/14 15:44	1
Bromoform	ND		0.500		ug/L			06/20/14 15:44	1
Bromomethane	ND		0.500		ug/L			06/20/14 15:44	1
Carbon disulfide	ND		0.500		ug/L			06/20/14 15:44	1
Carbon tetrachloride	ND		0.500		ug/L			06/20/14 15:44	1
Chlorobenzene	ND		0.500		ug/L			06/20/14 15:44	1
Chlorodibromomethane	ND		0.500		ug/L			06/20/14 15:44	1
Chloroethane	ND		0.500		ug/L			06/20/14 15:44	1
Chloroform	ND		0.500		ug/L			06/20/14 15:44	1
Chloromethane	ND		0.500		ug/L			06/20/14 15:44	1
2-Chlorotoluene	ND		0.500		ug/L			06/20/14 15:44	1
4-Chlorotoluene	ND		0.500		ug/L			06/20/14 15:44	1
cis-1,2-Dichloroethene	ND		0.500		ug/L			06/20/14 15:44	1
cis-1,3-Dichloropropene	ND		0.500		ug/L			06/20/14 15:44	1
1,2-Dibromo-3-Chloropropane	ND		2.00		ug/L			06/20/14 15:44	1
1,2-Dibromoethane (EDB)	ND		0.500		ug/L			06/20/14 15:44	1
Dibromomethane	ND		0.500		ug/L			06/20/14 15:44	1
1,2-Dichlorobenzene	ND		0.500		ug/L			06/20/14 15:44	1
1,3-Dichlorobenzene	ND		0.500		ug/L			06/20/14 15:44	1
1,4-Dichlorobenzene	ND		0.500		ug/L			06/20/14 15:44	1
Dichlorodifluoromethane	ND		0.500		ug/L			06/20/14 15:44	1
1,1-Dichloroethane	ND		0.500		ug/L			06/20/14 15:44	1
1,2-Dichloroethane	ND		0.500		ug/L			06/20/14 15:44	1
1,1-Dichloroethene	ND		0.500		ug/L			06/20/14 15:44	1
1,2-Dichloropropane	ND		0.500		ug/L			06/20/14 15:44	1
1,3-Dichloropropane	ND		0.500		ug/L			06/20/14 15:44	1
2,2-Dichloropropane	ND		0.500		ug/L			06/20/14 15:44	1
1,1-Dichloropropene	ND		0.500		ug/L			06/20/14 15:44	1
Diisopropyl ether	**1.63**		0.500		ug/L			06/20/14 15:44	1
Ethylbenzene	ND		0.500		ug/L			06/20/14 15:44	1
Ethyl tert-butyl ether	ND		0.500		ug/L			06/20/14 15:44	1
Hexachlorobutadiene	ND		0.500		ug/L			06/20/14 15:44	1
Isopropylbenzene	ND		0.500		ug/L			06/20/14 15:44	1
Methylene Chloride	ND		5.00		ug/L			06/20/14 15:44	1
Methyl tert-butyl ether	**52.7**		2.50		ug/L			06/20/14 17:58	5
Naphthalene	ND		5.00		ug/L			06/20/14 15:44	1
n-Butylbenzene	ND		0.500		ug/L			06/20/14 15:44	1
N-Propylbenzene	ND		0.500		ug/L			06/20/14 15:44	1
p-Isopropyltoluene	ND		0.500		ug/L			06/20/14 15:44	1
sec-Butylbenzene	ND		0.500		ug/L			06/20/14 15:44	1
Styrene	ND		0.500		ug/L			06/20/14 15:44	1
Tert-amyl methyl ether	ND		0.500		ug/L			06/20/14 15:44	1
tert-Butyl alcohol	**155**		10.0		ug/L			06/20/14 15:44	1
tert-Butylbenzene	ND		0.500		ug/L			06/20/14 15:44	1
1,1,1,2-Tetrachloroethane	ND		0.500		ug/L			06/20/14 15:44	1
1,1,2,2-Tetrachloroethane	ND		0.500		ug/L			06/20/14 15:44	1

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55460-1

Client Sample ID: 2590BINF(061214)
Date Collected: 06/12/14 12:40
Date Received: 06/14/14 08:30

Lab Sample ID: 490-55460-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.500		ug/L			06/20/14 15:44	1
Toluene	ND		0.500		ug/L			06/20/14 15:44	1
trans-1,2-Dichloroethene	ND		0.500		ug/L			06/20/14 15:44	1
trans-1,3-Dichloropropene	ND		0.500		ug/L			06/20/14 15:44	1
1,2,3-Trichlorobenzene	ND	*	0.500		ug/L			06/20/14 15:44	1
1,2,4-Trichlorobenzene	ND		0.500		ug/L			06/20/14 15:44	1
1,1,1-Trichloroethane	ND		0.500		ug/L			06/20/14 15:44	1
1,1,2-Trichloroethane	ND		0.500		ug/L			06/20/14 15:44	1
Trichloroethene	ND		0.500		ug/L			06/20/14 15:44	1
Trichlorofluoromethane	ND		0.500		ug/L			06/20/14 15:44	1
1,2,3-Trichloropropane	ND		0.500		ug/L			06/20/14 15:44	1
1,2,4-Trimethylbenzene	ND		0.500		ug/L			06/20/14 15:44	1
1,3,5-Trimethylbenzene	ND		0.500		ug/L			06/20/14 15:44	1
Vinyl chloride	ND		0.500		ug/L			06/20/14 15:44	1
Xylenes, Total	ND		1.00		ug/L			06/20/14 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*06/20/14 15:44*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*06/20/14 17:58*	*5*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*06/20/14 15:44*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*06/20/14 17:58*	*5*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*06/20/14 15:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*06/20/14 17:58*	*5*
Toluene-d8 (Surr)	*116*		*70 - 130*		*06/20/14 15:44*	*1*
Toluene-d8 (Surr)	*113*		*70 - 130*		*06/20/14 17:58*	*5*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55460-1

Client Sample ID: 2590BMID(061214)

Lab Sample ID: 490-55460-2

Date Collected: 06/12/14 12:45

Matrix: Water

Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.500		ug/L			06/20/14 17:31	1
Bromobenzene	ND		0.500		ug/L			06/20/14 17:31	1
Bromochloromethane	ND		0.500		ug/L			06/20/14 17:31	1
Bromodichloromethane	ND		0.500		ug/L			06/20/14 17:31	1
Bromoform	ND		0.500		ug/L			06/20/14 17:31	1
Bromomethane	ND		0.500		ug/L			06/20/14 17:31	1
Carbon disulfide	ND		0.500		ug/L			06/20/14 17:31	1
Carbon tetrachloride	ND		0.500		ug/L			06/20/14 17:31	1
Chlorobenzene	ND		0.500		ug/L			06/20/14 17:31	1
Chlorodibromomethane	ND		0.500		ug/L			06/20/14 17:31	1
Chloroethane	ND		0.500		ug/L			06/20/14 17:31	1
Chloroform	ND		0.500		ug/L			06/20/14 17:31	1
Chloromethane	ND		0.500		ug/L			06/20/14 17:31	1
2-Chlorotoluene	ND		0.500		ug/L			06/20/14 17:31	1
4-Chlorotoluene	ND		0.500		ug/L			06/20/14 17:31	1
cis-1,2-Dichloroethene	ND		0.500		ug/L			06/20/14 17:31	1
cis-1,3-Dichloropropene	ND		0.500		ug/L			06/20/14 17:31	1
1,2-Dibromo-3-Chloropropane	ND		2.00		ug/L			06/20/14 17:31	1
1,2-Dibromoethane (EDB)	ND		0.500		ug/L			06/20/14 17:31	1
Dibromomethane	ND		0.500		ug/L			06/20/14 17:31	1
1,2-Dichlorobenzene	ND		0.500		ug/L			06/20/14 17:31	1
1,3-Dichlorobenzene	ND		0.500		ug/L			06/20/14 17:31	1
1,4-Dichlorobenzene	ND		0.500		ug/L			06/20/14 17:31	1
Dichlorodifluoromethane	ND		0.500		ug/L			06/20/14 17:31	1
1,1-Dichloroethane	ND		0.500		ug/L			06/20/14 17:31	1
1,2-Dichloroethane	ND		0.500		ug/L			06/20/14 17:31	1
1,1-Dichloroethene	ND		0.500		ug/L			06/20/14 17:31	1
1,2-Dichloropropane	ND		0.500		ug/L			06/20/14 17:31	1
1,3-Dichloropropane	ND		0.500		ug/L			06/20/14 17:31	1
2,2-Dichloropropane	ND		0.500		ug/L			06/20/14 17:31	1
1,1-Dichloropropene	ND		0.500		ug/L			06/20/14 17:31	1
Diisopropyl ether	ND		0.500		ug/L			06/20/14 17:31	1
Ethylbenzene	ND		0.500		ug/L			06/20/14 17:31	1
Ethyl tert-butyl ether	ND		0.500		ug/L			06/20/14 17:31	1
Hexachlorobutadiene	ND		0.500		ug/L			06/20/14 17:31	1
Isopropylbenzene	ND		0.500		ug/L			06/20/14 17:31	1
Methylene Chloride	ND		5.00		ug/L			06/20/14 17:31	1
Methyl tert-butyl ether	ND		0.500		ug/L			06/20/14 17:31	1
Naphthalene	ND		5.00		ug/L			06/20/14 17:31	1
n-Butylbenzene	ND		0.500		ug/L			06/20/14 17:31	1
N-Propylbenzene	ND		0.500		ug/L			06/20/14 17:31	1
p-Isopropyltoluene	ND		0.500		ug/L			06/20/14 17:31	1
sec-Butylbenzene	ND		0.500		ug/L			06/20/14 17:31	1
Styrene	ND		0.500		ug/L			06/20/14 17:31	1
Tert-amyl methyl ether	ND		0.500		ug/L			06/20/14 17:31	1
tert-Butyl alcohol	**56.5**		10.0		ug/L			06/20/14 17:31	1
tert-Butylbenzene	ND		0.500		ug/L			06/20/14 17:31	1
1,1,1,2-Tetrachloroethane	ND		0.500		ug/L			06/20/14 17:31	1
1,1,2,2-Tetrachloroethane	ND		0.500		ug/L			06/20/14 17:31	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55460-1

Client Sample ID: 2590BMID(061214)

Lab Sample ID: 490-55460-2

Date Collected: 06/12/14 12:45

Matrix: Water

Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.500		ug/L			06/20/14 17:31	1
Toluene	ND		0.500		ug/L			06/20/14 17:31	1
trans-1,2-Dichloroethene	ND		0.500		ug/L			06/20/14 17:31	1
trans-1,3-Dichloropropene	ND		0.500		ug/L			06/20/14 17:31	1
1,2,3-Trichlorobenzene	ND	*	0.500		ug/L			06/20/14 17:31	1
1,2,4-Trichlorobenzene	ND		0.500		ug/L			06/20/14 17:31	1
1,1,1-Trichloroethane	ND		0.500		ug/L			06/20/14 17:31	1
1,1,2-Trichloroethane	ND		0.500		ug/L			06/20/14 17:31	1
Trichloroethene	ND		0.500		ug/L			06/20/14 17:31	1
Trichlorofluoromethane	ND		0.500		ug/L			06/20/14 17:31	1
1,2,3-Trichloropropane	ND		0.500		ug/L			06/20/14 17:31	1
1,2,4-Trimethylbenzene	ND		0.500		ug/L			06/20/14 17:31	1
1,3,5-Trimethylbenzene	ND		0.500		ug/L			06/20/14 17:31	1
Vinyl chloride	ND		0.500		ug/L			06/20/14 17:31	1
Xylenes, Total	ND		1.00		ug/L			06/20/14 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*06/20/14 17:31*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*06/20/14 17:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*06/20/14 17:31*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*06/20/14 17:31*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55460-1

Client Sample ID: 2590BEFF(061214)

Lab Sample ID: 490-55460-3

Date Collected: 06/12/14 12:50
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.500		ug/L			06/20/14 16:38	1
Bromobenzene	ND		0.500		ug/L			06/20/14 16:38	1
Bromochloromethane	ND		0.500		ug/L			06/20/14 16:38	1
Bromodichloromethane	ND		0.500		ug/L			06/20/14 16:38	1
Bromoform	ND		0.500		ug/L			06/20/14 16:38	1
Bromomethane	ND		0.500		ug/L			06/20/14 16:38	1
Carbon disulfide	ND		0.500		ug/L			06/20/14 16:38	1
Carbon tetrachloride	ND		0.500		ug/L			06/20/14 16:38	1
Chlorobenzene	ND		0.500		ug/L			06/20/14 16:38	1
Chlorodibromomethane	ND		0.500		ug/L			06/20/14 16:38	1
Chloroethane	ND		0.500		ug/L			06/20/14 16:38	1
Chloroform	ND		0.500		ug/L			06/20/14 16:38	1
Chloromethane	ND		0.500		ug/L			06/20/14 16:38	1
2-Chlorotoluene	ND		0.500		ug/L			06/20/14 16:38	1
4-Chlorotoluene	ND		0.500		ug/L			06/20/14 16:38	1
cis-1,2-Dichloroethene	ND		0.500		ug/L			06/20/14 16:38	1
cis-1,3-Dichloropropene	ND		0.500		ug/L			06/20/14 16:38	1
1,2-Dibromo-3-Chloropropane	ND		2.00		ug/L			06/20/14 16:38	1
1,2-Dibromoethane (EDB)	ND		0.500		ug/L			06/20/14 16:38	1
Dibromomethane	ND		0.500		ug/L			06/20/14 16:38	1
1,2-Dichlorobenzene	ND		0.500		ug/L			06/20/14 16:38	1
1,3-Dichlorobenzene	ND		0.500		ug/L			06/20/14 16:38	1
1,4-Dichlorobenzene	ND		0.500		ug/L			06/20/14 16:38	1
Dichlorodifluoromethane	ND		0.500		ug/L			06/20/14 16:38	1
1,1-Dichloroethane	ND		0.500		ug/L			06/20/14 16:38	1
1,2-Dichloroethane	ND		0.500		ug/L			06/20/14 16:38	1
1,1-Dichloroethene	ND		0.500		ug/L			06/20/14 16:38	1
1,2-Dichloropropane	ND		0.500		ug/L			06/20/14 16:38	1
1,3-Dichloropropane	ND		0.500		ug/L			06/20/14 16:38	1
2,2-Dichloropropane	ND		0.500		ug/L			06/20/14 16:38	1
1,1-Dichloropropene	ND		0.500		ug/L			06/20/14 16:38	1
Diisopropyl ether	ND		0.500		ug/L			06/20/14 16:38	1
Ethylbenzene	ND		0.500		ug/L			06/20/14 16:38	1
Ethyl tert-butyl ether	ND		0.500		ug/L			06/20/14 16:38	1
Hexachlorobutadiene	ND		0.500		ug/L			06/20/14 16:38	1
Isopropylbenzene	ND		0.500		ug/L			06/20/14 16:38	1
Methylene Chloride	ND		5.00		ug/L			06/20/14 16:38	1
Methyl tert-butyl ether	ND		0.500		ug/L			06/20/14 16:38	1
Naphthalene	ND		5.00		ug/L			06/20/14 16:38	1
n-Butylbenzene	ND		0.500		ug/L			06/20/14 16:38	1
N-Propylbenzene	ND		0.500		ug/L			06/20/14 16:38	1
p-Isopropyltoluene	ND		0.500		ug/L			06/20/14 16:38	1
sec-Butylbenzene	ND		0.500		ug/L			06/20/14 16:38	1
Styrene	ND		0.500		ug/L			06/20/14 16:38	1
Tert-amyl methyl ether	ND		0.500		ug/L			06/20/14 16:38	1
tert-Butyl alcohol	ND		10.0		ug/L			06/20/14 16:38	1
tert-Butylbenzene	ND		0.500		ug/L			06/20/14 16:38	1
1,1,1,2-Tetrachloroethane	ND		0.500		ug/L			06/20/14 16:38	1
1,1,2,2-Tetrachloroethane	ND		0.500		ug/L			06/20/14 16:38	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55460-1

Client Sample ID: 2590BEFF(061214)

Lab Sample ID: 490-55460-3

Date Collected: 06/12/14 12:50

Matrix: Water

Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.500		ug/L			06/20/14 16:38	1
Toluene	ND		0.500		ug/L			06/20/14 16:38	1
trans-1,2-Dichloroethene	ND		0.500		ug/L			06/20/14 16:38	1
trans-1,3-Dichloropropene	ND		0.500		ug/L			06/20/14 16:38	1
1,2,3-Trichlorobenzene	ND	*	0.500		ug/L			06/20/14 16:38	1
1,2,4-Trichlorobenzene	ND		0.500		ug/L			06/20/14 16:38	1
1,1,1-Trichloroethane	ND		0.500		ug/L			06/20/14 16:38	1
1,1,2-Trichloroethane	ND		0.500		ug/L			06/20/14 16:38	1
Trichloroethene	ND		0.500		ug/L			06/20/14 16:38	1
Trichlorofluoromethane	ND		0.500		ug/L			06/20/14 16:38	1
1,2,3-Trichloropropane	ND		0.500		ug/L			06/20/14 16:38	1
1,2,4-Trimethylbenzene	ND		0.500		ug/L			06/20/14 16:38	1
1,3,5-Trimethylbenzene	ND		0.500		ug/L			06/20/14 16:38	1
Vinyl chloride	ND		0.500		ug/L			06/20/14 16:38	1
Xylenes, Total	ND		1.00		ug/L			06/20/14 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*06/20/14 16:38*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*06/20/14 16:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*06/20/14 16:38*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*06/20/14 16:38*	*1*

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55460-1

Client Sample ID: TB-1(061214)

Lab Sample ID: 490-55460-4

Date Collected: 06/12/14 00:01
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.500		ug/L			06/20/14 15:17	1
Bromobenzene	ND		0.500		ug/L			06/20/14 15:17	1
Bromochloromethane	ND		0.500		ug/L			06/20/14 15:17	1
Bromodichloromethane	ND		0.500		ug/L			06/20/14 15:17	1
Bromoform	ND		0.500		ug/L			06/20/14 15:17	1
Bromomethane	ND		0.500		ug/L			06/20/14 15:17	1
Carbon disulfide	ND		0.500		ug/L			06/20/14 15:17	1
Carbon tetrachloride	ND		0.500		ug/L			06/20/14 15:17	1
Chlorobenzene	ND		0.500		ug/L			06/20/14 15:17	1
Chlorodibromomethane	ND		0.500		ug/L			06/20/14 15:17	1
Chloroethane	ND		0.500		ug/L			06/20/14 15:17	1
Chloroform	ND		0.500		ug/L			06/20/14 15:17	1
Chloromethane	ND		0.500		ug/L			06/20/14 15:17	1
2-Chlorotoluene	ND		0.500		ug/L			06/20/14 15:17	1
4-Chlorotoluene	ND		0.500		ug/L			06/20/14 15:17	1
cis-1,2-Dichloroethene	ND		0.500		ug/L			06/20/14 15:17	1
cis-1,3-Dichloropropene	ND		0.500		ug/L			06/20/14 15:17	1
1,2-Dibromo-3-Chloropropane	ND		2.00		ug/L			06/20/14 15:17	1
1,2-Dibromoethane (EDB)	ND		0.500		ug/L			06/20/14 15:17	1
Dibromomethane	ND		0.500		ug/L			06/20/14 15:17	1
1,2-Dichlorobenzene	ND		0.500		ug/L			06/20/14 15:17	1
1,3-Dichlorobenzene	ND		0.500		ug/L			06/20/14 15:17	1
1,4-Dichlorobenzene	ND		0.500		ug/L			06/20/14 15:17	1
Dichlorodifluoromethane	ND		0.500		ug/L			06/20/14 15:17	1
1,1-Dichloroethane	ND		0.500		ug/L			06/20/14 15:17	1
1,2-Dichloroethane	ND		0.500		ug/L			06/20/14 15:17	1
1,1-Dichloroethene	ND		0.500		ug/L			06/20/14 15:17	1
1,2-Dichloropropane	ND		0.500		ug/L			06/20/14 15:17	1
1,3-Dichloropropane	ND		0.500		ug/L			06/20/14 15:17	1
2,2-Dichloropropane	ND		0.500		ug/L			06/20/14 15:17	1
1,1-Dichloropropene	ND		0.500		ug/L			06/20/14 15:17	1
Diisopropyl ether	ND		0.500		ug/L			06/20/14 15:17	1
Ethylbenzene	ND		0.500		ug/L			06/20/14 15:17	1
Ethyl tert-butyl ether	ND		0.500		ug/L			06/20/14 15:17	1
Hexachlorobutadiene	ND		0.500		ug/L			06/20/14 15:17	1
Isopropylbenzene	ND		0.500		ug/L			06/20/14 15:17	1
Methylene Chloride	ND		5.00		ug/L			06/20/14 15:17	1
Methyl tert-butyl ether	ND		0.500		ug/L			06/20/14 15:17	1
Naphthalene	ND		5.00		ug/L			06/20/14 15:17	1
n-Butylbenzene	ND		0.500		ug/L			06/20/14 15:17	1
N-Propylbenzene	ND		0.500		ug/L			06/20/14 15:17	1
p-Isopropyltoluene	ND		0.500		ug/L			06/20/14 15:17	1
sec-Butylbenzene	ND		0.500		ug/L			06/20/14 15:17	1
Styrene	ND		0.500		ug/L			06/20/14 15:17	1
Tert-amyl methyl ether	ND		0.500		ug/L			06/20/14 15:17	1
tert-Butyl alcohol	ND		10.0		ug/L			06/20/14 15:17	1
tert-Butylbenzene	ND		0.500		ug/L			06/20/14 15:17	1
1,1,1,2-Tetrachloroethane	ND		0.500		ug/L			06/20/14 15:17	1
1,1,2,2-Tetrachloroethane	ND		0.500		ug/L			06/20/14 15:17	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55460-1

Client Sample ID: TB-1(061214)

Lab Sample ID: 490-55460-4

Date Collected: 06/12/14 00:01
Matrix: Water
Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.500		ug/L			06/20/14 15:17	1
Toluene	ND		0.500		ug/L			06/20/14 15:17	1
trans-1,2-Dichloroethene	ND		0.500		ug/L			06/20/14 15:17	1
trans-1,3-Dichloropropene	ND		0.500		ug/L			06/20/14 15:17	1
1,2,3-Trichlorobenzene	ND	*	0.500		ug/L			06/20/14 15:17	1
1,2,4-Trichlorobenzene	ND		0.500		ug/L			06/20/14 15:17	1
1,1,1-Trichloroethane	ND		0.500		ug/L			06/20/14 15:17	1
1,1,2-Trichloroethane	ND		0.500		ug/L			06/20/14 15:17	1
Trichloroethene	ND		0.500		ug/L			06/20/14 15:17	1
Trichlorofluoromethane	ND		0.500		ug/L			06/20/14 15:17	1
1,2,3-Trichloropropane	ND		0.500		ug/L			06/20/14 15:17	1
1,2,4-Trimethylbenzene	ND		0.500		ug/L			06/20/14 15:17	1
1,3,5-Trimethylbenzene	ND		0.500		ug/L			06/20/14 15:17	1
Vinyl chloride	ND		0.500		ug/L			06/20/14 15:17	1
Xylenes, Total	ND		1.00		ug/L			06/20/14 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*06/20/14 15:17*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*06/20/14 15:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*06/20/14 15:17*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*06/20/14 15:17*	*1*

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

Lab Sample ID: MB 490-171221/6
Matrix: Water
Analysis Batch: 171221

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.500		ug/L			06/20/14 14:50	1
Bromobenzene	ND		0.500		ug/L			06/20/14 14:50	1
Bromochloromethane	ND		0.500		ug/L			06/20/14 14:50	1
Bromodichloromethane	ND		0.500		ug/L			06/20/14 14:50	1
Bromoform	ND		0.500		ug/L			06/20/14 14:50	1
Bromomethane	ND		0.500		ug/L			06/20/14 14:50	1
Carbon disulfide	ND		0.500		ug/L			06/20/14 14:50	1
Carbon tetrachloride	ND		0.500		ug/L			06/20/14 14:50	1
Chlorobenzene	ND		0.500		ug/L			06/20/14 14:50	1
Chlorodibromomethane	ND		0.500		ug/L			06/20/14 14:50	1
Chloroethane	ND		0.500		ug/L			06/20/14 14:50	1
Chloroform	ND		0.500		ug/L			06/20/14 14:50	1
Chloromethane	ND		0.500		ug/L			06/20/14 14:50	1
2-Chlorotoluene	ND		0.500		ug/L			06/20/14 14:50	1
4-Chlorotoluene	ND		0.500		ug/L			06/20/14 14:50	1
cis-1,2-Dichloroethene	ND		0.500		ug/L			06/20/14 14:50	1
cis-1,3-Dichloropropene	ND		0.500		ug/L			06/20/14 14:50	1
1,2-Dibromo-3-Chloropropane	ND		2.00		ug/L			06/20/14 14:50	1
1,2-Dibromoethane (EDB)	ND		0.500		ug/L			06/20/14 14:50	1
Dibromomethane	ND		0.500		ug/L			06/20/14 14:50	1
1,2-Dichlorobenzene	ND		0.500		ug/L			06/20/14 14:50	1
1,3-Dichlorobenzene	ND		0.500		ug/L			06/20/14 14:50	1
1,4-Dichlorobenzene	ND		0.500		ug/L			06/20/14 14:50	1
Dichlorodifluoromethane	ND		0.500		ug/L			06/20/14 14:50	1
1,1-Dichloroethane	ND		0.500		ug/L			06/20/14 14:50	1
1,2-Dichloroethane	ND		0.500		ug/L			06/20/14 14:50	1
1,1-Dichloroethene	ND		0.500		ug/L			06/20/14 14:50	1
1,2-Dichloropropane	ND		0.500		ug/L			06/20/14 14:50	1
1,3-Dichloropropane	ND		0.500		ug/L			06/20/14 14:50	1
2,2-Dichloropropane	ND		0.500		ug/L			06/20/14 14:50	1
1,1-Dichloropropene	ND		0.500		ug/L			06/20/14 14:50	1
Diisopropyl ether	ND		0.500		ug/L			06/20/14 14:50	1
Ethylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
Ethyl tert-butyl ether	ND		0.500		ug/L			06/20/14 14:50	1
Hexachlorobutadiene	ND		0.500		ug/L			06/20/14 14:50	1
Isopropylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
Methylene Chloride	ND		5.00		ug/L			06/20/14 14:50	1
Methyl tert-butyl ether	ND		0.500		ug/L			06/20/14 14:50	1
Naphthalene	ND		5.00		ug/L			06/20/14 14:50	1
n-Butylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
N-Propylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
p-Isopropyltoluene	ND		0.500		ug/L			06/20/14 14:50	1
sec-Butylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
Styrene	ND		0.500		ug/L			06/20/14 14:50	1
Tert-amyl methyl ether	ND		0.500		ug/L			06/20/14 14:50	1
tert-Butyl alcohol	ND		10.0		ug/L			06/20/14 14:50	1
tert-Butylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
1,1,1,2-Tetrachloroethane	ND		0.500		ug/L			06/20/14 14:50	1

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

Lab Sample ID: MB 490-171221/6
Matrix: Water
Analysis Batch: 171221

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.500		ug/L			06/20/14 14:50	1
Tetrachloroethene	ND		0.500		ug/L			06/20/14 14:50	1
Toluene	ND		0.500		ug/L			06/20/14 14:50	1
trans-1,2-Dichloroethene	ND		0.500		ug/L			06/20/14 14:50	1
trans-1,3-Dichloropropene	ND		0.500		ug/L			06/20/14 14:50	1
1,2,3-Trichlorobenzene	ND		0.500		ug/L			06/20/14 14:50	1
1,2,4-Trichlorobenzene	ND		0.500		ug/L			06/20/14 14:50	1
1,1,1-Trichloroethane	ND		0.500		ug/L			06/20/14 14:50	1
1,1,2-Trichloroethane	ND		0.500		ug/L			06/20/14 14:50	1
Trichloroethene	ND		0.500		ug/L			06/20/14 14:50	1
Trichlorofluoromethane	ND		0.500		ug/L			06/20/14 14:50	1
1,2,3-Trichloropropane	ND		0.500		ug/L			06/20/14 14:50	1
1,2,4-Trimethylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
1,3,5-Trimethylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
Vinyl chloride	ND		0.500		ug/L			06/20/14 14:50	1
Xylenes, Total	ND		1.00		ug/L			06/20/14 14:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*06/20/14 14:50*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*06/20/14 14:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*06/20/14 14:50*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*06/20/14 14:50*	*1*

Lab Sample ID: LCS 490-171221/3
Matrix: Water
Analysis Batch: 171221

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	5.00	5.626		ug/L		113	70 - 130
Bromobenzene	5.00	5.325		ug/L		106	70 - 130
Bromochloromethane	5.00	5.538		ug/L		111	70 - 130
Bromodichloromethane	5.00	5.291		ug/L		106	70 - 130
Bromoform	5.00	5.318		ug/L		106	70 - 130
Bromomethane	5.00	5.244		ug/L		105	70 - 130
Carbon disulfide	5.00	5.546		ug/L		111	70 - 130
Carbon tetrachloride	5.00	5.139		ug/L		103	70 - 130
Chlorobenzene	5.00	5.546		ug/L		111	70 - 130
Chlorodibromomethane	5.00	5.413		ug/L		108	70 - 130
Chloroethane	5.00	5.902		ug/L		118	70 - 130
Chloroform	5.00	5.480		ug/L		110	70 - 130
Chloromethane	5.00	5.587		ug/L		112	70 - 130
2-Chlorotoluene	5.00	5.476		ug/L		110	70 - 130
4-Chlorotoluene	5.00	5.481		ug/L		110	70 - 130
cis-1,2-Dichloroethene	5.00	5.784		ug/L		116	70 - 130
cis-1,3-Dichloropropene	5.00	5.841		ug/L		117	70 - 130
1,2-Dibromo-3-Chloropropane	5.00	5.457		ug/L		109	70 - 130
1,2-Dibromoethane (EDB)	5.00	5.343		ug/L		107	70 - 130
Dibromomethane	5.00	5.391		ug/L		108	70 - 130

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

Lab Sample ID: LCS 490-171221/3
Matrix: Water
Analysis Batch: 171221

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	5.00	5.395		ug/L		108	70 - 130
1,3-Dichlorobenzene	5.00	5.338		ug/L		107	70 - 130
1,4-Dichlorobenzene	5.00	5.146		ug/L		103	70 - 130
Dichlorodifluoromethane	5.00	4.714		ug/L		94	70 - 130
1,1-Dichloroethane	5.00	5.878		ug/L		118	70 - 130
1,2-Dichloroethane	5.00	5.460		ug/L		109	70 - 130
1,1-Dichloroethene	5.00	5.543		ug/L		111	70 - 130
1,2-Dichloropropane	5.00	5.755		ug/L		115	70 - 130
1,3-Dichloropropane	5.00	5.941		ug/L		119	70 - 130
2,2-Dichloropropane	5.00	5.221		ug/L		104	70 - 130
1,1-Dichloropropene	5.00	5.559		ug/L		111	70 - 130
Diisopropyl ether	5.00	5.625		ug/L		113	70 - 130
Ethylbenzene	5.00	5.345		ug/L		107	70 - 130
Ethyl tert-butyl ether	5.00	5.445		ug/L		109	70 - 130
Hexachlorobutadiene	5.00	4.668		ug/L		93	70 - 130
Isopropylbenzene	5.00	5.176		ug/L		104	70 - 130
Methylene Chloride	5.00	5.832		ug/L		117	70 - 130
Methyl tert-butyl ether	5.00	5.523		ug/L		110	70 - 130
Naphthalene	5.00	4.370	J	ug/L		87	70 - 130
n-Butylbenzene	5.00	4.729		ug/L		95	70 - 130
N-Propylbenzene	5.00	5.253		ug/L		105	70 - 130
p-Isopropyltoluene	5.00	4.999		ug/L		100	70 - 130
sec-Butylbenzene	5.00	4.933		ug/L		99	70 - 130
Styrene	5.00	5.465		ug/L		109	70 - 130
Tert-amyl methyl ether	5.00	5.192		ug/L		104	70 - 130
tert-Butyl alcohol	50.0	57.88		ug/L		116	70 - 130
tert-Butylbenzene	5.00	4.739		ug/L		95	70 - 130
1,1,1,2-Tetrachloroethane	5.00	5.346		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	5.00	6.060		ug/L		121	70 - 130
Tetrachloroethene	5.00	5.389		ug/L		108	70 - 130
Toluene	5.00	5.746		ug/L		115	70 - 130
trans-1,2-Dichloroethene	5.00	5.895		ug/L		118	70 - 130
trans-1,3-Dichloropropene	5.00	5.290		ug/L		106	70 - 130
1,2,3-Trichlorobenzene	5.00	5.154		ug/L		103	70 - 130
1,2,4-Trichlorobenzene	5.00	4.654		ug/L		93	70 - 130
1,1,1-Trichloroethane	5.00	5.180		ug/L		104	70 - 130
1,1,2-Trichloroethane	5.00	5.685		ug/L		114	70 - 130
Trichloroethene	5.00	5.332		ug/L		107	70 - 130
Trichlorofluoromethane	5.00	5.259		ug/L		105	70 - 130
1,2,3-Trichloropropane	5.00	5.235		ug/L		105	70 - 130
1,2,4-Trimethylbenzene	5.00	5.097		ug/L		102	70 - 130
1,3,5-Trimethylbenzene	5.00	5.160		ug/L		103	70 - 130
Vinyl chloride	5.00	5.880		ug/L		118	70 - 130
Xylenes, Total	10.0	10.82		ug/L		108	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*

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

Lab Sample ID: LCS 490-171221/3
Matrix: Water
Analysis Batch: 171221

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 490-171221/4
Matrix: Water
Analysis Batch: 171221

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	5.00	5.273		ug/L		105	70 - 130	6	20
Bromobenzene	5.00	4.886		ug/L		98	70 - 130	9	20
Bromochloromethane	5.00	5.395		ug/L		108	70 - 130	3	20
Bromodichloromethane	5.00	4.952		ug/L		99	70 - 130	7	20
Bromoform	5.00	4.856		ug/L		97	70 - 130	9	20
Bromomethane	5.00	5.100		ug/L		102	70 - 130	3	20
Carbon disulfide	5.00	5.055		ug/L		101	70 - 130	9	20
Carbon tetrachloride	5.00	4.845		ug/L		97	70 - 130	6	20
Chlorobenzene	5.00	5.264		ug/L		105	70 - 130	5	20
Chlorodibromomethane	5.00	4.964		ug/L		99	70 - 130	9	20
Chloroethane	5.00	5.407		ug/L		108	70 - 130	9	20
Chloroform	5.00	5.195		ug/L		104	70 - 130	5	20
Chloromethane	5.00	5.249		ug/L		105	70 - 130	6	20
2-Chlorotoluene	5.00	4.980		ug/L		100	70 - 130	9	20
4-Chlorotoluene	5.00	4.855		ug/L		97	70 - 130	12	20
cis-1,2-Dichloroethene	5.00	5.315		ug/L		106	70 - 130	8	20
cis-1,3-Dichloropropene	5.00	5.105		ug/L		102	70 - 130	13	20
1,2-Dibromo-3-Chloropropane	5.00	4.720		ug/L		94	70 - 130	14	20
1,2-Dibromoethane (EDB)	5.00	5.254		ug/L		105	70 - 130	2	20
Dibromomethane	5.00	5.070		ug/L		101	70 - 130	6	20
1,2-Dichlorobenzene	5.00	4.863		ug/L		97	70 - 130	10	20
1,3-Dichlorobenzene	5.00	4.984		ug/L		100	70 - 130	7	20
1,4-Dichlorobenzene	5.00	5.060		ug/L		101	70 - 130	2	20
Dichlorodifluoromethane	5.00	4.512		ug/L		90	70 - 130	4	20
1,1-Dichloroethane	5.00	5.713		ug/L		114	70 - 130	3	20
1,2-Dichloroethane	5.00	5.282		ug/L		106	70 - 130	3	20
1,1-Dichloroethene	5.00	5.111		ug/L		102	70 - 130	8	20
1,2-Dichloropropane	5.00	5.121		ug/L		102	70 - 130	12	20
1,3-Dichloropropane	5.00	5.194		ug/L		104	70 - 130	13	20
2,2-Dichloropropane	5.00	4.988		ug/L		100	70 - 130	5	20
1,1-Dichloropropene	5.00	5.338		ug/L		107	70 - 130	4	20
Diisopropyl ether	5.00	5.545		ug/L		111	70 - 130	1	20
Ethylbenzene	5.00	5.075		ug/L		101	70 - 130	5	20
Ethyl tert-butyl ether	5.00	5.218		ug/L		104	70 - 130	4	20
Hexachlorobutadiene	5.00	4.229		ug/L		85	70 - 130	10	20
Isopropylbenzene	5.00	4.863		ug/L		97	70 - 130	6	20
Methylene Chloride	5.00	5.458		ug/L		109	70 - 130	7	20
Methyl tert-butyl ether	5.00	5.140		ug/L		103	70 - 130	7	20
Naphthalene	5.00	3.948	J	ug/L		79	70 - 130	10	20
n-Butylbenzene	5.00	4.374		ug/L		87	70 - 130	8	20

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

Lab Sample ID: LCSD 490-171221/4
Matrix: Water
Analysis Batch: 171221

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
N-Propylbenzene	5.00	4.873		ug/L		97	70 - 130	8	20
p-Isopropyltoluene	5.00	4.689		ug/L		94	70 - 130	6	20
sec-Butylbenzene	5.00	4.669		ug/L		93	70 - 130	6	20
Styrene	5.00	5.074		ug/L		101	70 - 130	7	20
Tert-amyl methyl ether	5.00	4.915		ug/L		98	70 - 130	5	20
tert-Butyl alcohol	50.0	57.85		ug/L		116	70 - 130	0	20
tert-Butylbenzene	5.00	4.528		ug/L		91	70 - 130	5	20
1,1,1,2-Tetrachloroethane	5.00	4.854		ug/L		97	70 - 130	10	20
1,1,2,2-Tetrachloroethane	5.00	5.652		ug/L		113	70 - 130	7	20
Tetrachloroethene	5.00	5.005		ug/L		100	70 - 130	7	20
Toluene	5.00	5.497		ug/L		110	70 - 130	4	20
trans-1,2-Dichloroethene	5.00	5.282		ug/L		106	70 - 130	11	20
trans-1,3-Dichloropropene	5.00	5.180		ug/L		104	70 - 130	2	20
1,2,3-Trichlorobenzene	5.00	4.130	*	ug/L		83	70 - 130	22	20
1,2,4-Trichlorobenzene	5.00	4.270		ug/L		85	70 - 130	9	20
1,1,1-Trichloroethane	5.00	4.991		ug/L		100	70 - 130	4	20
1,1,2-Trichloroethane	5.00	5.161		ug/L		103	70 - 130	10	20
Trichloroethene	5.00	4.848		ug/L		97	70 - 130	10	20
Trichlorofluoromethane	5.00	4.897		ug/L		98	70 - 130	7	20
1,2,3-Trichloropropane	5.00	5.037		ug/L		101	70 - 130	4	20
1,2,4-Trimethylbenzene	5.00	4.800		ug/L		96	70 - 130	6	20
1,3,5-Trimethylbenzene	5.00	4.770		ug/L		95	70 - 130	8	20
Vinyl chloride	5.00	5.493		ug/L		110	70 - 130	7	20
Xylenes, Total	10.0	9.954		ug/L		100	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*109*		*70 - 130*

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55460-1

GC/MS VOA

Analysis Batch: 171221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-55460-1	2590BINF(061214)	Total/NA	Water	524.2	
490-55460-1	2590BINF(061214)	Total/NA	Water	524.2	
490-55460-2	2590BMID(061214)	Total/NA	Water	524.2	
490-55460-3	2590BEFF(061214)	Total/NA	Water	524.2	
490-55460-4	TB-1(061214)	Total/NA	Water	524.2	
LCS 490-171221/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 490-171221/4	Lab Control Sample Dup	Total/NA	Water	524.2	
MB 490-171221/6	Method Blank	Total/NA	Water	524.2	

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55460-1

Client Sample ID: 2590BINF(061214)

Lab Sample ID: 490-55460-1
Date Collected: 06/12/14 12:40
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	10 mL	10 mL	171221	06/20/14 15:44	EML	TAL NSH
Total/NA	Analysis	524.2		5	10 mL	10 mL	171221	06/20/14 17:58	EML	TAL NSH

Client Sample ID: 2590BMID(061214)

Lab Sample ID: 490-55460-2
Date Collected: 06/12/14 12:45
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	10 mL	10 mL	171221	06/20/14 17:31	EML	TAL NSH

Client Sample ID: 2590BEFF(061214)

Lab Sample ID: 490-55460-3
Date Collected: 06/12/14 12:50
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	10 mL	10 mL	171221	06/20/14 16:38	EML	TAL NSH

Client Sample ID: TB-1(061214)

Lab Sample ID: 490-55460-4
Date Collected: 06/12/14 00:01
Matrix: Water
Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	10 mL	10 mL	171221	06/20/14 15:17	EML	TAL NSH

Laboratory References:

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

Method Summary

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55460-1

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

Protocol References:

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

Laboratory References:

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

Certification Summary

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55460-1

Laboratory: TestAmerica Nashville

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Maryland	State Program	3	316	03-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

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

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THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-55460 Chain of Custody

Cooler Received/Opened On 6/14/2014 @ 0830

1. Tracking # 7288 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 17960357

2. Temperature of rep. sample or temp blank when opened: 1.5 *Degrees Celsius*

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

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

If yes, how many and where: 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) CN

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/2012

Chain of Custody Record

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Client Information	Sampler: Sarah Matteson	Lab PM: Huckaba, Jennifer	Carrier Tracking No(s):	COC No: 490-25218-6041.1
Client Contact: Mr. Rusty Kahl	Phone: 410-935-7555	E-Mail: jennifer.huckaba@testamericainc.com		Page: Page 1 of 1
Company: ARCADIS U.S., Inc.				Job #:
Address: 1114 Benfield Blvd. Suite A	Due Date Requested: —			
City: Millersville	TAT Requested (days): —			
State, Zip: MD, 21108				
Phone: 804-665-1074(Tel)	PO #: Purchase Order Requested			
Email: rusty.kahl@arcadis-us.com	WO #: —			
Project Name: #14489 - North East, MD	Project #: 49001445			
Site: Northeast	SSOW#: —			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	524.2_Preserved - Full List VOCs + Fuel Oxygenates	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
2590BINF (061214)	6/12/14	1240	G	W			X	3	
2590BMID (061214)	↓	1245	↓	↓			X	↓	
2590BEFF (061214)	↓	1250	↓	↓			X	↓	
TB-1 (061214)	↓	—	↓	↓			X	2	

Loc: 490
55460

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: [signature]	Date/Time: 6/13/14	Company: ARCADIS	Received by: [signature]	Date/Time: 6/13/14 / 1030	Company: TestAmerica
Relinquished by: [signature]	Date/Time: 6-13-2014 / 1800	Company: TestAmerica	Received by: [signature]	Date/Time: 6/14/14 830	Company: TA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.5

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 490-55460-1

Login Number: 55460
List Number: 1
Creator: Huskey, Adam

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

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ANALYTICAL REPORT

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

TestAmerica Job ID: 490-55461-1
Client Project/Site: #14489 - North East, MD

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

Attn: Sterling Turner

Jennifer Huckaba

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

Table of Contents

Cover Page 1
Table of Contents 2
Sample Summary 3
Case Narrative 4
Definitions 5
Client Sample Results 6
QC Sample Results 8
QC Association 13
Chronicle 14
Method Summary 15
Certification Summary 16
Chain of Custody 17
Receipt Checklists 19

Sample Summary

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55461-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-55461-1	2610BEFF(061214)	Water	06/12/14 12:55	06/14/14 08:30

Case Narrative

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55461-1

Job ID: 490-55461-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-55461-1

Comments
No additional comments.

Receipt
The sample was received on 6/14/2014 8:30 AM; the sample arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 1.5º C.

GC/MS VOA
Method(s) 524.2: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 171221 recovered outside control limits for the following analytes: 1,2,3-trichlorobenzene.

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

Definitions/Glossary

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55461-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55461-1

Client Sample ID: 2610BEFF(061214)

Lab Sample ID: 490-55461-1

Date Collected: 06/12/14 12:55

Matrix: Water

Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.500		ug/L			06/20/14 17:04	1
Bromobenzene	ND		0.500		ug/L			06/20/14 17:04	1
Bromochloromethane	ND		0.500		ug/L			06/20/14 17:04	1
Bromodichloromethane	ND		0.500		ug/L			06/20/14 17:04	1
Bromoform	ND		0.500		ug/L			06/20/14 17:04	1
Bromomethane	ND		0.500		ug/L			06/20/14 17:04	1
Carbon disulfide	ND		0.500		ug/L			06/20/14 17:04	1
Carbon tetrachloride	ND		0.500		ug/L			06/20/14 17:04	1
Chlorobenzene	ND		0.500		ug/L			06/20/14 17:04	1
Chlorodibromomethane	ND		0.500		ug/L			06/20/14 17:04	1
Chloroethane	ND		0.500		ug/L			06/20/14 17:04	1
Chloroform	ND		0.500		ug/L			06/20/14 17:04	1
Chloromethane	ND		0.500		ug/L			06/20/14 17:04	1
2-Chlorotoluene	ND		0.500		ug/L			06/20/14 17:04	1
4-Chlorotoluene	ND		0.500		ug/L			06/20/14 17:04	1
cis-1,2-Dichloroethene	ND		0.500		ug/L			06/20/14 17:04	1
cis-1,3-Dichloropropene	ND		0.500		ug/L			06/20/14 17:04	1
1,2-Dibromo-3-Chloropropane	ND		2.00		ug/L			06/20/14 17:04	1
1,2-Dibromoethane (EDB)	ND		0.500		ug/L			06/20/14 17:04	1
Dibromomethane	ND		0.500		ug/L			06/20/14 17:04	1
1,2-Dichlorobenzene	ND		0.500		ug/L			06/20/14 17:04	1
1,3-Dichlorobenzene	ND		0.500		ug/L			06/20/14 17:04	1
1,4-Dichlorobenzene	ND		0.500		ug/L			06/20/14 17:04	1
Dichlorodifluoromethane	ND		0.500		ug/L			06/20/14 17:04	1
1,1-Dichloroethane	ND		0.500		ug/L			06/20/14 17:04	1
1,2-Dichloroethane	ND		0.500		ug/L			06/20/14 17:04	1
1,1-Dichloroethene	ND		0.500		ug/L			06/20/14 17:04	1
1,2-Dichloropropane	ND		0.500		ug/L			06/20/14 17:04	1
1,3-Dichloropropane	ND		0.500		ug/L			06/20/14 17:04	1
2,2-Dichloropropane	ND		0.500		ug/L			06/20/14 17:04	1
1,1-Dichloropropene	ND		0.500		ug/L			06/20/14 17:04	1
Diisopropyl ether	ND		0.500		ug/L			06/20/14 17:04	1
Ethylbenzene	ND		0.500		ug/L			06/20/14 17:04	1
Ethyl tert-butyl ether	ND		0.500		ug/L			06/20/14 17:04	1
Hexachlorobutadiene	ND		0.500		ug/L			06/20/14 17:04	1
Isopropylbenzene	ND		0.500		ug/L			06/20/14 17:04	1
Methylene Chloride	ND		5.00		ug/L			06/20/14 17:04	1
Methyl tert-butyl ether	**8.24**		0.500		ug/L			06/20/14 17:04	1
Naphthalene	ND		5.00		ug/L			06/20/14 17:04	1
n-Butylbenzene	ND		0.500		ug/L			06/20/14 17:04	1
N-Propylbenzene	ND		0.500		ug/L			06/20/14 17:04	1
p-Isopropyltoluene	ND		0.500		ug/L			06/20/14 17:04	1
sec-Butylbenzene	ND		0.500		ug/L			06/20/14 17:04	1
Styrene	ND		0.500		ug/L			06/20/14 17:04	1
Tert-amyl methyl ether	ND		0.500		ug/L			06/20/14 17:04	1
tert-Butyl alcohol	**19.4**		10.0		ug/L			06/20/14 17:04	1
tert-Butylbenzene	ND		0.500		ug/L			06/20/14 17:04	1
1,1,1,2-Tetrachloroethane	ND		0.500		ug/L			06/20/14 17:04	1
1,1,2,2-Tetrachloroethane	ND		0.500		ug/L			06/20/14 17:04	1

Client Sample Results

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55461-1

Client Sample ID: 2610BEFF(061214)

Lab Sample ID: 490-55461-1

Date Collected: 06/12/14 12:55

Matrix: Water

Date Received: 06/14/14 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.500		ug/L			06/20/14 17:04	1
Toluene	ND		0.500		ug/L			06/20/14 17:04	1
trans-1,2-Dichloroethene	ND		0.500		ug/L			06/20/14 17:04	1
trans-1,3-Dichloropropene	ND		0.500		ug/L			06/20/14 17:04	1
1,2,3-Trichlorobenzene	ND	*	0.500		ug/L			06/20/14 17:04	1
1,2,4-Trichlorobenzene	ND		0.500		ug/L			06/20/14 17:04	1
1,1,1-Trichloroethane	ND		0.500		ug/L			06/20/14 17:04	1
1,1,2-Trichloroethane	ND		0.500		ug/L			06/20/14 17:04	1
Trichloroethene	ND		0.500		ug/L			06/20/14 17:04	1
Trichlorofluoromethane	ND		0.500		ug/L			06/20/14 17:04	1
1,2,3-Trichloropropane	ND		0.500		ug/L			06/20/14 17:04	1
1,2,4-Trimethylbenzene	ND		0.500		ug/L			06/20/14 17:04	1
1,3,5-Trimethylbenzene	ND		0.500		ug/L			06/20/14 17:04	1
Vinyl chloride	ND		0.500		ug/L			06/20/14 17:04	1
Xylenes, Total	ND		1.00		ug/L			06/20/14 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*06/20/14 17:04*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*06/20/14 17:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*06/20/14 17:04*	*1*
Toluene-d8 (Surr)	*113*		*70 - 130*		*06/20/14 17:04*	*1*

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

Lab Sample ID: MB 490-171221/6
Matrix: Water
Analysis Batch: 171221

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.500		ug/L			06/20/14 14:50	1
Bromobenzene	ND		0.500		ug/L			06/20/14 14:50	1
Bromochloromethane	ND		0.500		ug/L			06/20/14 14:50	1
Bromodichloromethane	ND		0.500		ug/L			06/20/14 14:50	1
Bromoform	ND		0.500		ug/L			06/20/14 14:50	1
Bromomethane	ND		0.500		ug/L			06/20/14 14:50	1
Carbon disulfide	ND		0.500		ug/L			06/20/14 14:50	1
Carbon tetrachloride	ND		0.500		ug/L			06/20/14 14:50	1
Chlorobenzene	ND		0.500		ug/L			06/20/14 14:50	1
Chlorodibromomethane	ND		0.500		ug/L			06/20/14 14:50	1
Chloroethane	ND		0.500		ug/L			06/20/14 14:50	1
Chloroform	ND		0.500		ug/L			06/20/14 14:50	1
Chloromethane	ND		0.500		ug/L			06/20/14 14:50	1
2-Chlorotoluene	ND		0.500		ug/L			06/20/14 14:50	1
4-Chlorotoluene	ND		0.500		ug/L			06/20/14 14:50	1
cis-1,2-Dichloroethene	ND		0.500		ug/L			06/20/14 14:50	1
cis-1,3-Dichloropropene	ND		0.500		ug/L			06/20/14 14:50	1
1,2-Dibromo-3-Chloropropane	ND		2.00		ug/L			06/20/14 14:50	1
1,2-Dibromoethane (EDB)	ND		0.500		ug/L			06/20/14 14:50	1
Dibromomethane	ND		0.500		ug/L			06/20/14 14:50	1
1,2-Dichlorobenzene	ND		0.500		ug/L			06/20/14 14:50	1
1,3-Dichlorobenzene	ND		0.500		ug/L			06/20/14 14:50	1
1,4-Dichlorobenzene	ND		0.500		ug/L			06/20/14 14:50	1
Dichlorodifluoromethane	ND		0.500		ug/L			06/20/14 14:50	1
1,1-Dichloroethane	ND		0.500		ug/L			06/20/14 14:50	1
1,2-Dichloroethane	ND		0.500		ug/L			06/20/14 14:50	1
1,1-Dichloroethene	ND		0.500		ug/L			06/20/14 14:50	1
1,2-Dichloropropane	ND		0.500		ug/L			06/20/14 14:50	1
1,3-Dichloropropane	ND		0.500		ug/L			06/20/14 14:50	1
2,2-Dichloropropane	ND		0.500		ug/L			06/20/14 14:50	1
1,1-Dichloropropene	ND		0.500		ug/L			06/20/14 14:50	1
Diisopropyl ether	ND		0.500		ug/L			06/20/14 14:50	1
Ethylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
Ethyl tert-butyl ether	ND		0.500		ug/L			06/20/14 14:50	1
Hexachlorobutadiene	ND		0.500		ug/L			06/20/14 14:50	1
Isopropylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
Methylene Chloride	ND		5.00		ug/L			06/20/14 14:50	1
Methyl tert-butyl ether	ND		0.500		ug/L			06/20/14 14:50	1
Naphthalene	ND		5.00		ug/L			06/20/14 14:50	1
n-Butylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
N-Propylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
p-Isopropyltoluene	ND		0.500		ug/L			06/20/14 14:50	1
sec-Butylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
Styrene	ND		0.500		ug/L			06/20/14 14:50	1
Tert-amyl methyl ether	ND		0.500		ug/L			06/20/14 14:50	1
tert-Butyl alcohol	ND		10.0		ug/L			06/20/14 14:50	1
tert-Butylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
1,1,1,2-Tetrachloroethane	ND		0.500		ug/L			06/20/14 14:50	1

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

Lab Sample ID: MB 490-171221/6
Matrix: Water
Analysis Batch: 171221

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.500		ug/L			06/20/14 14:50	1
Tetrachloroethene	ND		0.500		ug/L			06/20/14 14:50	1
Toluene	ND		0.500		ug/L			06/20/14 14:50	1
trans-1,2-Dichloroethene	ND		0.500		ug/L			06/20/14 14:50	1
trans-1,3-Dichloropropene	ND		0.500		ug/L			06/20/14 14:50	1
1,2,3-Trichlorobenzene	ND		0.500		ug/L			06/20/14 14:50	1
1,2,4-Trichlorobenzene	ND		0.500		ug/L			06/20/14 14:50	1
1,1,1-Trichloroethane	ND		0.500		ug/L			06/20/14 14:50	1
1,1,2-Trichloroethane	ND		0.500		ug/L			06/20/14 14:50	1
Trichloroethene	ND		0.500		ug/L			06/20/14 14:50	1
Trichlorofluoromethane	ND		0.500		ug/L			06/20/14 14:50	1
1,2,3-Trichloropropane	ND		0.500		ug/L			06/20/14 14:50	1
1,2,4-Trimethylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
1,3,5-Trimethylbenzene	ND		0.500		ug/L			06/20/14 14:50	1
Vinyl chloride	ND		0.500		ug/L			06/20/14 14:50	1
Xylenes, Total	ND		1.00		ug/L			06/20/14 14:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*06/20/14 14:50*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*06/20/14 14:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*06/20/14 14:50*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*06/20/14 14:50*	*1*

Lab Sample ID: LCS 490-171221/3
Matrix: Water
Analysis Batch: 171221

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	5.00	5.626		ug/L		113	70 - 130
Bromobenzene	5.00	5.325		ug/L		106	70 - 130
Bromochloromethane	5.00	5.538		ug/L		111	70 - 130
Bromodichloromethane	5.00	5.291		ug/L		106	70 - 130
Bromoform	5.00	5.318		ug/L		106	70 - 130
Bromomethane	5.00	5.244		ug/L		105	70 - 130
Carbon disulfide	5.00	5.546		ug/L		111	70 - 130
Carbon tetrachloride	5.00	5.139		ug/L		103	70 - 130
Chlorobenzene	5.00	5.546		ug/L		111	70 - 130
Chlorodibromomethane	5.00	5.413		ug/L		108	70 - 130
Chloroethane	5.00	5.902		ug/L		118	70 - 130
Chloroform	5.00	5.480		ug/L		110	70 - 130
Chloromethane	5.00	5.587		ug/L		112	70 - 130
2-Chlorotoluene	5.00	5.476		ug/L		110	70 - 130
4-Chlorotoluene	5.00	5.481		ug/L		110	70 - 130
cis-1,2-Dichloroethene	5.00	5.784		ug/L		116	70 - 130
cis-1,3-Dichloropropene	5.00	5.841		ug/L		117	70 - 130
1,2-Dibromo-3-Chloropropane	5.00	5.457		ug/L		109	70 - 130
1,2-Dibromoethane (EDB)	5.00	5.343		ug/L		107	70 - 130
Dibromomethane	5.00	5.391		ug/L		108	70 - 130

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

Lab Sample ID: LCS 490-171221/3
Matrix: Water
Analysis Batch: 171221

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	5.00	5.395		ug/L		108	70 - 130
1,3-Dichlorobenzene	5.00	5.338		ug/L		107	70 - 130
1,4-Dichlorobenzene	5.00	5.146		ug/L		103	70 - 130
Dichlorodifluoromethane	5.00	4.714		ug/L		94	70 - 130
1,1-Dichloroethane	5.00	5.878		ug/L		118	70 - 130
1,2-Dichloroethane	5.00	5.460		ug/L		109	70 - 130
1,1-Dichloroethene	5.00	5.543		ug/L		111	70 - 130
1,2-Dichloropropane	5.00	5.755		ug/L		115	70 - 130
1,3-Dichloropropane	5.00	5.941		ug/L		119	70 - 130
2,2-Dichloropropane	5.00	5.221		ug/L		104	70 - 130
1,1-Dichloropropene	5.00	5.559		ug/L		111	70 - 130
Diisopropyl ether	5.00	5.625		ug/L		113	70 - 130
Ethylbenzene	5.00	5.345		ug/L		107	70 - 130
Ethyl tert-butyl ether	5.00	5.445		ug/L		109	70 - 130
Hexachlorobutadiene	5.00	4.668		ug/L		93	70 - 130
Isopropylbenzene	5.00	5.176		ug/L		104	70 - 130
Methylene Chloride	5.00	5.832		ug/L		117	70 - 130
Methyl tert-butyl ether	5.00	5.523		ug/L		110	70 - 130
Naphthalene	5.00	4.370	J	ug/L		87	70 - 130
n-Butylbenzene	5.00	4.729		ug/L		95	70 - 130
N-Propylbenzene	5.00	5.253		ug/L		105	70 - 130
p-Isopropyltoluene	5.00	4.999		ug/L		100	70 - 130
sec-Butylbenzene	5.00	4.933		ug/L		99	70 - 130
Styrene	5.00	5.465		ug/L		109	70 - 130
Tert-amyl methyl ether	5.00	5.192		ug/L		104	70 - 130
tert-Butyl alcohol	50.0	57.88		ug/L		116	70 - 130
tert-Butylbenzene	5.00	4.739		ug/L		95	70 - 130
1,1,1,2-Tetrachloroethane	5.00	5.346		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	5.00	6.060		ug/L		121	70 - 130
Tetrachloroethene	5.00	5.389		ug/L		108	70 - 130
Toluene	5.00	5.746		ug/L		115	70 - 130
trans-1,2-Dichloroethene	5.00	5.895		ug/L		118	70 - 130
trans-1,3-Dichloropropene	5.00	5.290		ug/L		106	70 - 130
1,2,3-Trichlorobenzene	5.00	5.154		ug/L		103	70 - 130
1,2,4-Trichlorobenzene	5.00	4.654		ug/L		93	70 - 130
1,1,1-Trichloroethane	5.00	5.180		ug/L		104	70 - 130
1,1,2-Trichloroethane	5.00	5.685		ug/L		114	70 - 130
Trichloroethene	5.00	5.332		ug/L		107	70 - 130
Trichlorofluoromethane	5.00	5.259		ug/L		105	70 - 130
1,2,3-Trichloropropane	5.00	5.235		ug/L		105	70 - 130
1,2,4-Trimethylbenzene	5.00	5.097		ug/L		102	70 - 130
1,3,5-Trimethylbenzene	5.00	5.160		ug/L		103	70 - 130
Vinyl chloride	5.00	5.880		ug/L		118	70 - 130
Xylenes, Total	10.0	10.82		ug/L		108	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*

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

Lab Sample ID: LCS 490-171221/3
Matrix: Water
Analysis Batch: 171221

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 490-171221/4
Matrix: Water
Analysis Batch: 171221

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	5.00	5.273		ug/L		105	70 - 130	6	20
Bromobenzene	5.00	4.886		ug/L		98	70 - 130	9	20
Bromochloromethane	5.00	5.395		ug/L		108	70 - 130	3	20
Bromodichloromethane	5.00	4.952		ug/L		99	70 - 130	7	20
Bromoform	5.00	4.856		ug/L		97	70 - 130	9	20
Bromomethane	5.00	5.100		ug/L		102	70 - 130	3	20
Carbon disulfide	5.00	5.055		ug/L		101	70 - 130	9	20
Carbon tetrachloride	5.00	4.845		ug/L		97	70 - 130	6	20
Chlorobenzene	5.00	5.264		ug/L		105	70 - 130	5	20
Chlorodibromomethane	5.00	4.964		ug/L		99	70 - 130	9	20
Chloroethane	5.00	5.407		ug/L		108	70 - 130	9	20
Chloroform	5.00	5.195		ug/L		104	70 - 130	5	20
Chloromethane	5.00	5.249		ug/L		105	70 - 130	6	20
2-Chlorotoluene	5.00	4.980		ug/L		100	70 - 130	9	20
4-Chlorotoluene	5.00	4.855		ug/L		97	70 - 130	12	20
cis-1,2-Dichloroethene	5.00	5.315		ug/L		106	70 - 130	8	20
cis-1,3-Dichloropropene	5.00	5.105		ug/L		102	70 - 130	13	20
1,2-Dibromo-3-Chloropropane	5.00	4.720		ug/L		94	70 - 130	14	20
1,2-Dibromoethane (EDB)	5.00	5.254		ug/L		105	70 - 130	2	20
Dibromomethane	5.00	5.070		ug/L		101	70 - 130	6	20
1,2-Dichlorobenzene	5.00	4.863		ug/L		97	70 - 130	10	20
1,3-Dichlorobenzene	5.00	4.984		ug/L		100	70 - 130	7	20
1,4-Dichlorobenzene	5.00	5.060		ug/L		101	70 - 130	2	20
Dichlorodifluoromethane	5.00	4.512		ug/L		90	70 - 130	4	20
1,1-Dichloroethane	5.00	5.713		ug/L		114	70 - 130	3	20
1,2-Dichloroethane	5.00	5.282		ug/L		106	70 - 130	3	20
1,1-Dichloroethene	5.00	5.111		ug/L		102	70 - 130	8	20
1,2-Dichloropropane	5.00	5.121		ug/L		102	70 - 130	12	20
1,3-Dichloropropane	5.00	5.194		ug/L		104	70 - 130	13	20
2,2-Dichloropropane	5.00	4.988		ug/L		100	70 - 130	5	20
1,1-Dichloropropene	5.00	5.338		ug/L		107	70 - 130	4	20
Diisopropyl ether	5.00	5.545		ug/L		111	70 - 130	1	20
Ethylbenzene	5.00	5.075		ug/L		101	70 - 130	5	20
Ethyl tert-butyl ether	5.00	5.218		ug/L		104	70 - 130	4	20
Hexachlorobutadiene	5.00	4.229		ug/L		85	70 - 130	10	20
Isopropylbenzene	5.00	4.863		ug/L		97	70 - 130	6	20
Methylene Chloride	5.00	5.458		ug/L		109	70 - 130	7	20
Methyl tert-butyl ether	5.00	5.140		ug/L		103	70 - 130	7	20
Naphthalene	5.00	3.948	J	ug/L		79	70 - 130	10	20
n-Butylbenzene	5.00	4.374		ug/L		87	70 - 130	8	20

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

Lab Sample ID: LCSD 490-171221/4
Matrix: Water
Analysis Batch: 171221

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
N-Propylbenzene	5.00	4.873		ug/L		97	70 - 130	8	20
p-Isopropyltoluene	5.00	4.689		ug/L		94	70 - 130	6	20
sec-Butylbenzene	5.00	4.669		ug/L		93	70 - 130	6	20
Styrene	5.00	5.074		ug/L		101	70 - 130	7	20
Tert-amyl methyl ether	5.00	4.915		ug/L		98	70 - 130	5	20
tert-Butyl alcohol	50.0	57.85		ug/L		116	70 - 130	0	20
tert-Butylbenzene	5.00	4.528		ug/L		91	70 - 130	5	20
1,1,1,2-Tetrachloroethane	5.00	4.854		ug/L		97	70 - 130	10	20
1,1,2,2-Tetrachloroethane	5.00	5.652		ug/L		113	70 - 130	7	20
Tetrachloroethene	5.00	5.005		ug/L		100	70 - 130	7	20
Toluene	5.00	5.497		ug/L		110	70 - 130	4	20
trans-1,2-Dichloroethene	5.00	5.282		ug/L		106	70 - 130	11	20
trans-1,3-Dichloropropene	5.00	5.180		ug/L		104	70 - 130	2	20
1,2,3-Trichlorobenzene	5.00	4.130	*	ug/L		83	70 - 130	22	20
1,2,4-Trichlorobenzene	5.00	4.270		ug/L		85	70 - 130	9	20
1,1,1-Trichloroethane	5.00	4.991		ug/L		100	70 - 130	4	20
1,1,2-Trichloroethane	5.00	5.161		ug/L		103	70 - 130	10	20
Trichloroethene	5.00	4.848		ug/L		97	70 - 130	10	20
Trichlorofluoromethane	5.00	4.897		ug/L		98	70 - 130	7	20
1,2,3-Trichloropropane	5.00	5.037		ug/L		101	70 - 130	4	20
1,2,4-Trimethylbenzene	5.00	4.800		ug/L		96	70 - 130	6	20
1,3,5-Trimethylbenzene	5.00	4.770		ug/L		95	70 - 130	8	20
Vinyl chloride	5.00	5.493		ug/L		110	70 - 130	7	20
Xylenes, Total	10.0	9.954		ug/L		100	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*109*		*70 - 130*

QC Association Summary

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55461-1

GC/MS VOA

Analysis Batch: 171221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-55461-1	2610BEFF(061214)	Total/NA	Water	524.2	
LCS 490-171221/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 490-171221/4	Lab Control Sample Dup	Total/NA	Water	524.2	
MB 490-171221/6	Method Blank	Total/NA	Water	524.2	

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55461-1

Client Sample ID: 2610BEFF(061214)

Lab Sample ID: 490-55461-1

Date Collected: 06/12/14 12:55

Matrix: Water

Date Received: 06/14/14 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	10 mL	10 mL	171221	06/20/14 17:04	EML	TAL NSH

Laboratory References:

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

Method Summary

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55461-1

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

Protocol References:

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

Laboratory References:

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

Certification Summary

Client: ARCADIS U.S. Inc
Project/Site: #14489 - North East, MD

TestAmerica Job ID: 490-55461-1

Laboratory: TestAmerica Nashville

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Maryland	State Program	3	316	03-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-55461 Chain of Custody

Cooler Received/Opened On 6/14/2014 @ 0830

1. Tracking # 7288 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 17960357

2. Temperature of rep. sample or temp blank when opened: 1.5 *Degrees Celsius*

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

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

If yes, how many and where: 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) AJH

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/2012

ARCADIS
Infrastructure · Water · Environment · Buildings

ID#:

CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

Page 1 of 1

Lab Work Order #

Send Results to:

Contact & Company Name: Sterling Turner/ARCADIS	Telephone: 804-665-1074	Preservative	B
Address: 1100 Welborne Dr., Suite 100	Fax: —	Filtered (✓)	
City: Richmond State: VA Zip: 23229	E-mail Address: Sterling.turner@arcadis-us.com	# of Containers	3
Project Name/Location (City, State): Northeast TOM#14454/Northeast, MD	Project #: B0085851.0010	Container Information	1
Sampler's Printed Name: Sarah Matteson	Sampler's Signature: [signature]		

PARAMETER ANALYSIS & METHOD

Sample ID	Collection Date	Collection Time	Type Comp	Type Grab	Matrix	524.2 - Reserved Full List VOCs + Fuel Oxygenates
261DB EFF(061214)	6/12/14	1255		✓	W	X

Keys

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

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

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

REMARKS

Loc: 490
55461

Special Instructions/Comments: This sample in same cooler as 2590B samples (Trip blank and 2590B samples on separate Chain of Custody)

☐ Special QA/QC Instructions(✓):

Laboratory Information and Receipt

Lab Name: Test America
☑ Cooler packed with ice (✓)
Specify Turnaround Requirements: —
Shipping Tracking #: —
Cooler Custody Seal (✓): ☐ Intact ☐ Not Intact
Sample Receipt:
Condition/Cooler Temp: ____

	Relinquished By	Received By	Relinquished By	Laboratory Received By
Printed Name	Sarah Matteson	Paul Gaylord	Ken Ives	Adam Huskey
Signature	[signature]	[signature]	[signature]	[signature]
Firm	ARCADIS	TestAmerica	TestAmerica	TAN 1.5
Date/Time	6/13/14	6/13/14/1090	6-13-2014 / 1800	6/14/14 8:30

20730826 CofC AR Form 01.12.2007

Distribution: WHITE – Laboratory returns with results YELLOW – Lab copy PINK – Retained by ARCADIS

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 490-55461-1

Login Number: 55461
List Number: 1
Creator: Huskey, Adam

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