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April 28, 2016

Sent Via FedEx with Delivery Confirmation

Ms. Susan Bull
Maryland Department of the Environment
Oil Control Program
1800 Washington Boulevard
Baltimore, Maryland 21230

148727.002.002

Subject: Site Status Report: First Quarter 2016
Bel Air Xtra Fuels
2476 Churchville Road, Bel Air, Maryland
MDE Case #2011-0112-HA and 2013-0007-HA

To Whom It May Concern:

Brown and Caldwell (BC), on behalf of Drake Petroleum Company, Inc. (Drake), is submitting the attached First Quarter 2016 Site Status Report. The report contains a summary of the groundwater monitoring data and the results of a potable drinking water supply well sampling event for the period January 1, 2016 through March 31, 2016, as outlined by the Maryland Department of the Environment (MDE) in the directives dated January 18, August 14, September 25, and December 18, 2012 and January 25, 2013.

- Monthly potable water sampling from the Point of Entry Treatment (POET) system (Influent, Mid 2, and Effluent) was conducted at 1 Meadow Spring Drive on January 21, February 5, and March 23, 2016. Full laboratory data packages are included in Attachment A.
- BC conducted routine Vacuum Enhanced Groundwater Extraction (VEGE) system Operations and Maintenance (O&M) activities on January 21 and 28, February 5 and 19, and March 7 and 23, 2016.
- VEGE system influent and effluent water samples were collected on January 21 and 28, February 5 and 19, and March 7 and 23, 2016. Full laboratory data packages are included in Attachment A.
- The first quarter 2016 groundwater monitoring event was conducted on March 21 through 23, 2016. Groundwater levels were gauged in thirteen (13) monitoring wells and six (6) extraction wells on March 21, 2016, and groundwater samples were collected on March 21, 22, and 23, 2016. Full laboratory data packages are included in Attachment A.
- Historic groundwater gauging and sampling event data (January 15, 2001 through December 3, 2012) is included as Appendix B.

- BC will continue CAP implementation activities at the site during the second quarter of 2016 including quarterly groundwater level gauging, groundwater sampling and VEGE system O&M. BC will also communicate with the MDE and implement as necessary the area potable drinking water supply well activities associated with MDE Case # 2013 0007-HA.

BC appreciates the continued guidance of the MDE on this project. If you have any questions or require additional information, please contact the undersigned at (856) 330-9410.

Very truly yours,

Brown and Caldwell

Jennifer M. Kugler
Project Manager

cc: Jeannette DeBartolomeo, Maryland Department of the Environment *(via email and U.S. Mail)*
Eric Harvey, Global Partners LP. *(via email)*
Frank Eastman, Global Partners LP Law Offices. *(via email)*

Attachments

FIRST QUARTER 2016 SITE STATUS REPORT
JANUARY 1, 2016 THROUGH MARCH 31, 2016
BEL AIR XTRA FUELS SITE

Consultant: Brown and Caldwell, BC

Project Manager: Jennifer M. Kugler

Client Manager: Eric Harvey, Global Partners, LP

First Quarter 2016 Site Activities	
1/21	Routine VEGE system O&M including influent and effluent sampling. Potable water samples collected from 1 Meadow Spring Drive POET System
1/28	Routine VEGE system O&M including influent and effluent sampling.
2/5	Routine VEGE system O&M including influent and effluent sampling. Potable water samples collected from 1 Meadow Spring Drive POET System.
2/19	Routine VEGE system O&M including influent and effluent sampling.
3/7	Routine VEGE system O&M including influent and effluent sampling.
3/21-3/23	Quarterly groundwater monitoring event conducted. Event included gauging and sampling of thirteen (13) monitoring wells, six (6) extraction wells and the VEGE system influent and effluent.
3/23	Potable water samples collected from 1 Meadow Spring Drive POET System, 3,5,7,9 and 10 Meadow Spring Drive and 2303 Churchville Road.

Reporting Period Activities	
Monitoring Well Identifications:	Monitoring wells MW-7, MW-8, MW-9, MW-11, MW-14, MW-15S, MW-15D, MW-16D, MW-16I, MW-16S, MW-17S, MW-17I, and MW-17D. Recovery wells MW-10/RW-10, MW-12/RW-12, RW-17, RW-18, RW-19 and RW-20.
Gauging Frequency:	Quarterly (MW-7, MW-8, MW-9, MW-10/RW-10, MW-11, MW-12/RW-12, MW-14, MW-15S, MW-15D, MW-16D, MW-16I, MW-16S, MW-17D, MW-17I, MW-17S, RW-17, RW-18, RW-19, and RW-20)
Groundwater Sampling Frequency:	Quarterly (MW-7, MW-8, MW-9, MW-10/RW-10, MW-11, MW-12/RW-12, MW-14, MW-15S, MW-15D, MW-16D, MW-16I, MW-16S, MW-17D, MW-17I, MW-17S, RW-17, RW-18, RW-19, and RW-20)
Analytical Laboratory / Methods:	Accutest Laboratories of Dayton, New Jersey / Full suite VOCs plus oxygenates by United States Environmental Protection Agency (USEPA) Method 8260B; Total Phase Hydrocarbons Gasoline Range Organics / Diesel Range Organics (TPH-GRO/DRO) by USEPA Method 8015B for groundwater monitoring wells and for influent and effluent VEGE system samples. Full suite VOCs including fuel oxygenates by USEPA Method 524.2 for potable drinking water supply wells.
Potable Drinking Water Well Sampling Frequency:	Annually (conducted during the 4th Quarter Sampling Event): 2317, 2319, 2401C and 2401A Churchville Road. Semi-annually (conducted during the 1st Quarter and 4th Quarter Sampling Event): 3, 5, 7, 9 and 10 Meadow Spring Drive and 2303 Churchville Road.
POET Sampling Frequency (1 Meadow Springs Drive):	Monthly

Quarterly Data Summary	
Groundwater Sampling Date:	Quarterly sampling conducted March 21 through 23, 2016.
# of Monitoring or Recovery Wells / # Sampled:	19/19 (includes thirteen (13) monitoring wells/six (6) recovery wells)
Depth to Water (ft.):	6.82 feet (MW-17S) to 13.60 feet (MW-17D)
Dissolved Benzene Range:	Non-Detect (ND) (MW-7, MW-9, MW-15D, MW-15S, MW-16D, MW-17S, MW-17I, MW-17D, MW/RW-19, MW/RW-20) to 615 micrograms per liter (µg/l) (MW-11)
Dissolved Total Benzene, Toluene, Ethylbenzene and Xylene (BTEX) Range:	ND (MW-9, MW-15S, MW-15D, MW-16D, MW-17S, MW-17I, MW/RW-19) to 5,117 µg/l (MW-11)
Dissolved Methyl tert-butyl ether (MTBE) Range:	ND (MW-15S, MW-17S) to 4,300 µg/l (MW-16I)
Dissolved Total Petroleum Hydrocarbons – Diesel Range Organics (TPH-DRO):	ND (MW-15S, MW-15D, MW-16S, MW-16I, MW-16D, MW-17I, MW-17D, RW/MW-19) to 5.36 milligrams per liter (mg/l) (MW-11)
Dissolved Total Petroleum Hydrocarbons – Gasoline Range Organics (TPH-GRO):	ND (MW-9, MW-15D, MW-15S, MW-16D, MW-17S, MW-17I, MW-17D, RW/MW-17) to 15.0 mg/l (MW-11)

Remedial System Data	
System Type:	VEGE System Note: remediation system started on November 20, 2012.
Permits:	National Pollutant Discharge Elimination System (NPDES) Permit MDG918082 Air Quality Permit to Construct : #025-9-0440 Air Quality Permit to Construct (Air Stripper): #025-9-0439 Note: air stripper was taken out of operation on March 6, 2014. Water Appropriations Permit # HA2012G001/01 Use and Occupancy Case # 2012228B0070
Estimated Hydrocarbon Vapor Recovery (Period/Cumulative):	0.27 pounds / 282.1 pounds (based on soil vapor extraction [SVE] system readings) In general, the SVE system has been exhibiting diminishing hydrocarbon vapor recovery rate. The SVE system was temporarily shut-down on December 28 due to wear of the SVE motor belts; replacement belts were installed on January 21, 2016 and the system was restarted.
Recovery Wells Operating During Reporting Period:	RW-10, RW-12, RW-18
VEGE System Uptime:	The VEGE system uptime for this reporting period was 95 percent for the pump and treat portion of the system and 71 percent for the SVE portion of the system (note that the uptime was 100 percent for the SVE portion of the system after the SVE system motor belts were replaced and the system SVE system turned back on). During this monitoring period, the pump and treat system downtime was primarily caused by accumulation of suspended solids in the bag filters which limited the discharge rate of the equilibration tank, causing the high level alarm to shut down the system. During the routine O&M event on December 28, significant wear and fraying was observed on the SVE motor belts. As a precaution, the SVE system was temporarily shut-down and locked-out/tagged-out as motor damage could occur if the belts were to snap. Replacement belts were installed on January 21, 2016 and the system was restarted. During each site visit, routine O&M procedures include draining the SVE knock-out tank, replacing the pump-and-treat bag filters, back-flushing the carbon adsorbers, collecting influent and effluent samples, conducting a general system inspection and restarting the system, should it be down.

System Operation

- During this reporting period, 237,350 gallons of treated groundwater were discharged from the VEGE system.
- The estimated recovered mass of dissolved BTEX, MTBE, Naphthalene and TPH for this reporting period is summarized below. The estimates are based on the influent sample results collected on January 21, January 28, February 5, February 19, March 7 and March 23, 2016, and the total gallons pumped between those sampling periods, 237,350 gallons in total.
  - Total BTEX: 0.98 lbs. recovered.
  - MTBE: 0.19 lbs. recovered.
  - Naphthalene: 0.04 lbs. recovered.
  - TPH DRO: 1.98 lbs. recovered.
  - TPH GRO: 2.56 lbs. recovered.
- Recovery wells RW-10, RW-12, and RW-18 were operated during the first quarter of 2016.

Future Activities

CAP implementation activities: Quarterly gauging and groundwater sampling, VEGE system operation and O&M activities, potable drinking water supply well sampling (semi-annual and annual) and monthly POET system sampling at 1 Meadow Spring Drive.

Non-routine VEGE system O&M activities to include:

- Surging and re-development of the extraction wells to reduce the amount of suspended solids recovered and to increase the groundwater recovery rate.
- Replace piping associated with influent flow meter location and relocate flow meter to a location meeting the manufacturer's installation instructions.

Attachments

List of Tables	
Table 1	Liquid Level Data Table
Table 2	Groundwater Laboratory Analytical Results Table
Table 3	Potable Drinking Water Well Laboratory Analytical Results Table
Table 4	POET System Sampling Laboratory Analytical Results Table
Table 5	Potable Drinking Water Well Summary Table
Table 6	Remediation System Data Table

List of Figures	
Figure 1	Site Location Map
Figure 2	One Half-Mile Radius Map
Figure 3	Site Map
Figure 4	Groundwater Contour Map, March 21, 2016
Figure 5	Groundwater Results Figure, March 21-23, 2016
Figure 6	Potable Drinking Water Results Figure, March 23, 3016

List of Appendices	
Appendix A	Full Laboratory Analytical Reports
Appendix B	Historic Groundwater Results and Elevation Data

Tables

TABLE 1
LIQUID LEVEL DATA
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Well ID	Top of Casing Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-7	402.73	03/13/2013	15.5	-	-	387.23
	402.73	06/19/2013	14.22	-	-	388.51
	402.73	09/12/2013	15.5	-	-	387.23
	402.73	12/05/2013	17.33	-	-	385.40
	402.73	03/11/2014	13.90	-	-	388.83
	402.73	06/02/2014	11.45	-	-	391.28
	402.73	09/02/2014	14.41	-	-	388.32
	402.73	12/11/2014	13.58	-	-	389.15
	402.73	03/02/2015	13.58	-	-	389.15
	402.73	06/02/2015	13.21	-	-	389.52
	402.73	09/02/2015	13.66	-	-	389.07
	402.73	12/14/2015	15.77			386.96
	402.73	03/21/2016	12.77			389.96
MW-8	401.13	03/13/2013	15.12	-	-	386.01
	401.13	06/19/2013	13.81	-	-	387.32
	401.13	09/12/2013	15.04	-	-	386.09
	401.13	12/05/2013	16.95	-	-	384.18
	401.13	03/11/2014	13.48	-	-	387.65
	401.13	06/02/2014	11.01	-	-	390.12
	401.13	09/02/2014	13.94	-	-	387.19
	401.13	12/11/2014	13.46	-	-	387.67
	401.13	03/02/2015	13.22	-	-	387.91
	401.13	06/02/2015	12.79	-	-	388.34
	401.13	09/02/2015	13.25	-	-	387.88
	401.13	12/14/2015	15.38			385.75
	401.13	03/21/2016	12.37			388.76
MW-9	399.97	03/13/2013	NR	-	-	-
	399.97	06/19/2013	12.53	-	-	387.44
	399.97	09/12/2013	13.9	-	-	386.07
	399.97	12/05/2013	15.49	-	-	384.48
	399.97	03/11/2014	12.2	-	-	387.77
	399.97	06/02/2014	9.96	-	-	390.01
	399.97	09/02/2014	13.09	-	-	386.88
	399.97	12/11/2014	12.2	-	-	387.77
	399.97	03/02/2015	12.11	-	-	387.86
	399.97	06/02/2015	11.52	-	-	388.45
	399.97	09/02/2015	12.42	-	-	387.55
	399.97	12/14/2015	14.03			385.94
	399.97	03/21/2016	11.17			388.80

TABLE 1
LIQUID LEVEL DATA
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Well ID	Top of Casing Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-10/RW-10	400.36	03/13/2013	NR	-	-	-
	400.36	06/19/2013	12.12	-	-	388.24
	400.36	09/12/2013	14.43	-	-	385.93
	400.36	12/05/2013	9.53	-	-	390.83
	400.36	03/11/2014	12.35	-	-	388.01
	400.36	06/02/2014	9.62	-	-	390.74
	400.36	09/02/2014	12.64	-	-	387.72
	400.36	12/11/2014	NR	-	-	-
	400.36	03/02/2015	1.98*	-	-	398.38*
	400.36	06/02/2015	11.02	-	-	389.34
	400.36	09/02/2015	12.04	-	-	388.32
	400.36	12/14/2015	20.28			380.08
	400.36	03/21/2016	11.11			389.25
MW-11	401.07	03/13/2013	14.73	-	-	386.34
	401.07	06/19/2013	13.46	-	-	387.61
	401.07	09/12/2013	14.68	-	-	386.39
	401.07	12/05/2013	16.63	-	-	384.44
	401.07	03/11/2014	13.00	-	-	388.07
	401.07	06/02/2014	10.63	-	-	390.44
	401.07	09/02/2014	13.47	-	-	387.60
	401.07	12/11/2014	13.06	-	-	388.01
	401.07	03/02/2015	12.84	-	-	388.23
	401.07	06/02/2015	12.36	-	-	388.71
	401.07	09/02/2015	12.80	-	-	388.27
	401.07	12/14/2015	14.97			386.10
	401.07	03/21/2016	11.86			389.21
MW-12/RW-12	400.12	03/13/2013	NR	-	-	-
	400.12	06/19/2013	12.15	-	-	387.97
	400.12	09/12/2013	15.09	-	-	385.03
	400.12	12/05/2013	15.65	-	-	384.47
	400.12	03/11/2014	11.47	-	-	388.65
	400.12	06/02/2014	9.17	-	-	390.95
	400.12	09/02/2014	12.00	-	-	388.12
	400.36	12/11/2014	NR	-	-	-
	400.36	03/02/2015	1.89*	-	-	398.47*
	400.36	06/02/2015	2.55	-	-	397.81
	400.36	09/02/2015	12.27	-	-	388.09
	400.36	12/14/2015	14.39			385.97
	400.36	03/21/2016	8.40			391.96

TABLE 1
LIQUID LEVEL DATA
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Well ID	Top of Casing Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-14	400.45	03/13/2013	13.62	-	-	386.83
	400.45	06/19/2013	12.38	-	-	388.07
	400.45	09/12/2013	13.63	-	-	386.82
	400.45	12/05/2013	15.31	-	-	385.14
	400.45	03/11/2014	12.21	-	-	388.24
	400.45	06/02/2014	9.80	-	-	390.65
	400.45	09/02/2014	12.67	-	-	387.78
	400.45	12/11/2014	12.06	-	-	388.39
	400.45	03/02/2015	11.92	-	-	388.53
	400.45	06/02/2015	11.35	-	-	389.10
	400.45	09/02/2015	11.91	-	-	388.54
	400.45	12/14/2015	13.18			387.27
	400.45	03/21/2016	11.03			389.42
MW-15D	401.88	03/13/2013	15.40	-	-	386.48
	401.88	06/19/2013	14.11	-	-	387.77
	401.88	09/12/2013	15.30	-	-	386.58
	401.88	12/05/2013	17.45	-	-	384.43
	401.88	03/11/2014	13.54	-	-	388.34
	401.88	06/02/2014	11.20	-	-	390.68
	401.88	09/02/2014	14.01	-	-	387.87
	401.88	12/11/2014	13.68	-	-	388.20
	401.88	03/02/2015	14.60	-	-	387.28
	401.88	06/02/2015	13.00	-	-	388.88
	401.88	09/02/2015	13.37	-	-	388.51
	401.88	12/14/2015	15.60			386.28
	401.88	03/21/2016	12.32			389.56
MW-15S	401.83	03/13/2013	15.34	-	-	386.49
	401.83	06/19/2013	13.99	-	-	387.84
	401.83	09/12/2013	15.22	-	-	386.61
	401.83	12/05/2013	17.35	-	-	384.48
	401.83	03/11/2014	13.51	-	-	388.32
	401.83	06/02/2014	11.16	-	-	390.67
	401.83	09/02/2014	13.93	-	-	387.90
	401.83	12/11/2014	13.56	-	-	388.27
	401.83	03/02/2015	13.51	-	-	388.32
	401.83	06/02/2015	12.89	-	-	388.94
	401.83	09/02/2015	13.29	-	-	388.54
	401.83	12/14/2015	15.5			386.33
	401.83	03/21/2016	12.25			389.58

TABLE 1
LIQUID LEVEL DATA
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Well ID	Top of Casing Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-16S	398.64	10/09/2013	16.59	-	-	382.05
	398.64	12/05/2013	17.53	-	-	381.11
	398.64	03/11/2014	14.58	-	-	384.06
	398.64	06/02/2014	14.61	-	-	384.03
	398.64	09/02/2014	14.56	-	-	384.08
	398.64	12/11/2014	14.56	-	-	384.08
	398.64	03/03/2015	14.32	-	-	384.32
	398.64	06/02/2015	13.5	-	-	385.14
	398.64	09/02/2015	13.93	-	-	384.71
	398.64	12/14/2015	16.0			382.64
	398.64	03/21/2016	13.29			385.35
MW-16I	398.13	10/09/2013	17.48	-	-	380.65
	398.13	12/05/2013	17.32	-	-	380.81
	398.13	03/11/2014	14.16	-	-	383.97
	398.13	06/02/2014	11.91	-	-	386.22
	398.13	09/02/2014	13.98	-	-	384.15
	398.13	12/11/2014	14.15	-	-	383.98
	398.13	03/03/2015	14.32	-	-	383.81
	398.13	06/02/2015	13.02	-	-	385.11
	398.13	09/02/2015	13.81	-	-	384.32
	398.13	12/14/2015	15.7			382.43
	398.13	03/21/2016	12.81			385.32
MW-16D	398.22	10/09/2013	17.06	-	-	381.16
	398.22	12/05/2013	17.9	-	-	380.32
	398.22	03/11/2014	15.28	-	-	382.94
	398.22	06/02/2014	12.67	-	-	385.55
	398.22	09/02/2014	15.01	-	-	383.21
	398.22	12/11/2014	14.69	-	-	383.53
	398.22	03/03/2015	14.68	-	-	383.54
	398.22	06/02/2015	13.92	-	-	384.30
	398.22	09/02/2015	14.37	-	-	383.85
	398.22	12/14/2015	16.21			382.01
	398.22	03/21/2016	13.6			384.62
MW-17S	388.11	09/02/2014	8.38	-	-	379.73
	388.11	12/11/2014	7.74	-	-	380.37
	388.11	03/02/2015	8.11	-	-	380.00
	388.11	06/02/2015	7.50	-	-	380.61
	388.11	09/02/2015	8.01	-	-	380.10
	388.11	12/14/2015	8.86			379.25
	388.11	03/21/2016	6.82			381.29

TABLE 1
LIQUID LEVEL DATA
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Well ID	Top of Casing Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-17I	388.56	09/02/2014	9.1	-	-	379.46
	388.56	12/11/2014	8.26	-	-	380.30
	388.56	03/02/2015	8.72	-	-	379.84
	388.56	06/02/2015	8.06	-	-	380.50
	388.56	09/02/2015	12.86	-	-	375.70
	388.56	12/14/2015	9.4			379.16
	388.56	03/21/2016	7.49			381.07
MW-17D	388.54	09/02/2014	60.67	-	-	327.87
	388.54	12/11/2014	16.75	-	-	371.79
	388.54	03/02/2015	<0.50*	-	-	-
	388.54	06/02/2015	106.81	-	-	281.73
	388.54	09/02/2015	39.12	-	-	349.42
	388.54	12/14/2015	20.59			367.95
	388.54	03/21/2016	12.88			375.66
RW-17	400.72	03/13/2013	NR	-	-	-
	400.72	06/19/2013	12.97	-	-	387.75
	400.72	09/12/2013	12.55	-	-	388.17
	400.72	12/05/2013	16.31	-	-	384.41
	400.72	03/11/2014	12.61	-	-	388.11
	400.72	06/02/2014	10.5	-	-	390.22
	400.72	09/02/2014	13.27	-	-	387.45
	400.72	12/11/2014	13.06	-	-	-
	400.72	03/02/2015	11.89	-	-	388.83
	400.72	06/02/2015	12.13	-	-	388.59
	400.72	09/02/2015	12.36	-	-	388.36
	400.72	12/14/2015	14.52			386.20
	400.72	03/21/2016	11.5			389.22
RW-18	400.74	03/13/2013	NR	-	-	-
	400.74	06/19/2013	12.42	-	-	388.32
	400.74	09/12/2013	13.68	-	-	387.06
	400.74	12/05/2013	15.73	-	-	385.01
	400.74	03/11/2014	12.43	-	-	388.31
	400.74	06/02/2014	9.85	-	-	390.89
	400.74	09/02/2014	13.03	-	-	387.71
	400.74	12/11/2014	13.06	-	-	-
	400.74	03/02/2015	10.66	-	-	390.08
	400.74	06/02/2015	11.43	-	-	389.31
	400.74	09/02/2015	22.85	-	-	377.89
	400.74	12/14/2015	22.85			377.89
	400.74	03/21/2016	11.14			389.60

TABLE 1
LIQUID LEVEL DATA
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Well ID	Top of Casing Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
RW-19	399.8	03/13/2013	NR	-	-	-
	399.8	06/19/2013	NR	-	-	-
	399.8	09/12/2013	16.84	-	-	382.96
	399.8	12/05/2013	15.60	-	-	384.20
	399.8	03/11/2014	12.52	-	-	387.28
	399.8	06/02/2014	9.88	-	-	389.92
	399.8	09/02/2014	12.98	-	-	386.82
	399.8	12/11/2014	13.06	-	-	-
	399.8	03/02/2015	7.77	-	-	392.03
	399.8	06/02/2015	9.77	-	-	390.03
	399.8	09/02/2015	12.42	-	-	387.38
	399.8	12/14/2015	14.4			385.40
	399.8	03/21/2016	11.3			388.50
RW-20	399.83	03/13/2013	NR	-	-	-
	399.83	06/19/2013	12.21	-	-	387.62
	399.83	09/12/2013	13.94	-	-	385.89
	399.83	12/05/2013	15.34	-	-	384.49
	399.83	03/11/2014	12.11	-	-	387.72
	399.83	06/02/2014	9.71	-	-	390.12
	399.83	09/02/2014	13.17	-	-	386.66
	399.83	12/11/2014	13.06	-	-	-
	399.83	03/02/2015	11.68	-	-	388.15
	399.83	06/02/2015	11.25	-	-	388.58
	399.83	09/02/2015	12.25	-	-	387.58
	399.83	12/14/2015	13.65			386.18
	399.83	03/21/2016	10.91			388.92
TF-1	400.62	03/13/2013	DRY	-	-	-
	400.62	06/19/2013	DRY	-	-	-
	400.62	09/12/2013	DRY	-	-	-
	400.62	12/05/2013	DRY	-	-	-
	400.62	03/11/2014	DRY	-	-	-
TF-2	401.64	03/12/2013	DRY	-	-	-
	401.64	06/19/2013	DRY	-	-	-
	401.64	09/12/2013	DRY	-	-	-
	401.64	12/05/2013	DRY	-	-	-
	401.64	03/11/2014	DRY	-	-	-

Notes:
LNAPL= Light Non-Aqueous Phase Liquids
NR=Not Recorded
*Water Levels were unusually high, possibly due to rain event before and during sampling.

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample Date	MW-7 3/13/2013	MW-7 6/19/2013	MW-7 9/12/2013	MW-7 12/5/2013	MW-7 3/12/2014	MW-7 6/3/2014	MW-7 9/3/2014	MW-7 12/11/2014	MW-7 3/4/2015	MW-7 6/4/2015	MW-7 9/4/2015
Constituent													
Benzene	5	µg/L	**170**	**117**	**50.4**	**26.8**	**57.7**	**95.3**	**13.3**	**6.1**	**6.4**	3.20	2.50
Toluene	1000	µg/L	63.3	31.8	33	18.9	542	349	21.1	15.3	58.1	40.90	10.30
Ethylbenzene	700	µg/L	623	459	646	308	697	**1140**	553	552	469	278.00	37.30
Xylenes, total	10000	µg/L	1690	570	449	87.7	2760	3810	709	352	870	643	380
BTEX	-	µg/L	2546.3	1177.8	1178.4	441.4	4056.7	5394.3	1296.4	925.4	1403.5	965.1	430.1
Methyl tert butyl ether (MTBE)	20	µg/L	**1730**	**1020**	**396**	**258**	**92.7**	**417**	**178**	**82.4**	**95.5**	**46.60**	**57.50**
TPH-GRO (C6-C10)	0.047	mg/L	**16.3**	**10.1**	**8**	**4.11**	**16.2**	**30.8**	**11.3**	**9.73**	**8.92**	**6.81**	**4.72**
TPH DRO(C10-C28)	0.047	mg/L	**11.6**	**12.1**	**11.3**	**6.2**	**13.5**	**8.73**	**4.89**	**6.68**	**8.42**	**4.65**	**3.92**

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample Date	MW-7 12/16/2015	MW-7 3/22/2016	MW-8 3/13/2013	MW-8 6/20/2013	MW-8 9/12/2013	MW-8 12/6/2013	MW-8 3/11/2014	MW-8 6/3/2014	MW-8 9/4/2014	MW-8 12/11/2014	MW-8 3/4/2015
Constituent													
Benzene	5	µg/L	2.40	ND	0.72 J	0.25 J	**36.6**	**68.4**	**111**	**12.3**	**24.6**	**44.6**	ND
Toluene	1000	µg/L	10.60	22.90	ND	ND	11.5	0.58 J	0.67 J	ND	1.7	2.90	ND
Ethylbenzene	700	µg/L	417	455	ND	ND	29.9	12.5	2.3	0.45 J	7.3	15.80	ND
Xylenes, total	10000	µg/L	234	461	0.93 J	ND	70.9	43	26.3	5.9	28.1	52.2	ND
BTEX	-	µg/L	664	938.9	1.65	0.25	148.9	124.48	140.27	18.65	61.7	115.5	ND
Methyl tert butyl ether (MTBE)	20	µg/L	**21.50**	**40.1**	**130**	**62.2**	**155**	**169**	**360**	**157**	**153**	**205**	**21**
TPH-GRO (C6-C10)	0.047	mg/L	**5.51**	**7.36**	**0.226**	ND	**0.768**	**1.06**	**1.57**	**0.562**	**0.788**	**1.19**	ND
TPH DRO(C10-C28)	0.047	mg/L	**1.49**	**4.98**	ND	ND	**0.349**	**0.509**	**1.36**	**0.393**	**0.306**	**0.96**	ND

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample	MW-8	MW-8	MW-8	MW-8	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9
		Date	6/4/2015	9/4/2015	12/16/2015	3/22/2016	3/13/2013	6/19/2013	9/12/2013	12/5/2013	3/11/2014	6/3/2014	9/3/2014	12/11/201
Constituent														
Benzene	5	µg/L	**22.9**	**35.20**	**46.4**	**20.40**	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	µg/L	0.89 J	0.73 J	2	0.37 J	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/L	4.3	3.80	17.5	5.70	ND	ND	ND	ND	ND	0.64 J	ND	ND
Xylenes, total	10000	µg/L	33	39.10	97.1	30.30	ND	ND	ND	ND	ND	ND	ND	ND
BTEX	-	µg/L	61.09 J	78.83	163	56.77 J	ND	ND	ND	ND	ND	0.64 J	ND	0
Methyl tert butyl ether (MTBE)	20	µg/L	**175**	**156.00**	**174**	**150**	0.22 J	ND	0.62 J	0.4 J	1.4	0.57 J	**34.5**	3.8
TPH-GRO (C6-C10)	0.047	mg/L	**0.561**	**0.662**	**0.912**	**0.654**	ND	ND	ND	ND	ND	ND	ND	ND
TPH DRO(C10-C28)	0.047	mg/L	**0.456**	**0.598**	**1.21**	**0.947**	ND	**0.44**	ND	ND	**0.127**	ND	**0.496**	**0.645**

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample Date 4	MW-9 3/3/2015	MW-9 6/4/2015	MW-9 9/4/2015	MW-9 12/16/2015	MW-9 3/22/2016	MW/RW-10 3/14/2013	MW/RW-10 6/19/2013	MW/RW-10 9/12/2013	MW/RW-10 12/13/2013	MW/RW-10 3/12/2014	MW/RW-10 6/17/2014
Constituent													
Benzene	5	µg/L	ND	ND	ND	ND	ND	**11.5**	3	**236**	0.53 J	1.6	0.72
Toluene	1000	µg/L	ND	ND	ND	ND	ND	5.6	2.6	58.6	3.7	1.7	0.47 J
Ethylbenzene	700	µg/L	ND	ND	ND	ND	ND	9.4	4.3	187	1.2	1.3	5.1
Xylenes, total	10000	µg/L	ND	ND	ND	ND	ND	70.5	14	392	40.6	24	9.7
BTEX	-	µg/L	ND	ND	ND	ND	ND	97	23.9	873.6	46.03	28.6	15.99 J
Methyl tert butyl ether (MTBE)	20	µg/L	6.1	5.2	3.20	0.46 J	1.0	**95.2**	**32.2**	**463**	4.6	1.3	0.77 J
TPH-GRO (C6-C10)	0.047	mg/L	ND	ND	ND	ND	ND	**0.45**	**0.202**	**3.51**	**0.26**	ND	ND
TPH DRO(C10-C28)	0.047	mg/L	ND	**0.0967**	**0.300**	ND	**0.173**	**0.624**	**0.534**	**1.73**	**0.176**	**0.346**	**0.514**

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

			Sample Date	MW/RW-10 9/17/2014	MW/RW-10 1/6/2015	MW/RW-10 3/4/2015	MW/RW-10 6/3/2015		MW/RW-10 9/4/2015	MW/RW-10 12/16/2015	MW/RW-10 3/23/2016	MW-11 3/13/2013	MW-11 6/19/2013
Constituent													
Benzene	5	µg/L		**302**	**5.4**	ND	0.81		0.57	**37.90**	4.5	**597**	**313**
Toluene	1000	µg/L		830	23.8	ND	0.7	J	ND	172.0	29.6	167	36.4
Ethylbenzene	700	µg/L		325	5.4	ND	3.4		4.00	82.5	15.0	290	150
Xylenes, total	10000	µg/L		1320	215	ND	37.9		1.70	481	86.9	391	167
BTEX	-	µg/L		2777	249.6	ND	42.81	J	6.27	773.4	136	1445	666.4
Methyl tert butyl ether (MTBE)	20	µg/L		**289**	**35.6**	ND	2.7		**29.50**	**55.8**	9.90	**972**	**840**
TPH-GRO (C6-C10)	0.047	mg/L		**10.7**	**1.21**	ND	**0.352**		ND	**0.469**	**0.347**	**8.45**	**5.41**
TPH DRO(C10-C28)	0.047	mg/L		**2.37**	**0.443**	**0.439**	**0.302**		ND	**0.243**	**0.178**	**2.07**	**2.02**

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample Date	MW-11 9/12/2013	MW-11 12/5/2013	MW-11 3/11/2014	MW-11 6/3/2014	MW-11 9/3/2014	MW-11 12/11/2014	MW-11 3/3/2015	MW-11 6/4/2015	MW-11 9/4/2015	MW-11 12/16/2015	MW-11 3/22/2016
Constituent													
Benzene	5	µg/L	**322**	**75.7**	**8.4**	**320**	**679**	**634**	**44.3**	**456**	**200**	**69.9**	**615**
Toluene	1000	µg/L	223	11.2	4.3	378	**1810**	**1430**	77.6	**1020**	369.00	98.8	993
Ethylbenzene	700	µg/L	187	58.7	5.3	261	**791**	**766**	29.3	565	198.00	102	**849**
Xylenes, total	10000	µg/L	463	84.7	10.8	798	2910	2880	179	2060	825.00	311	2660
BTEX	-	µg/L	1195	230.3	28.8	1757	6190	5710	330.2	4101	1592	581.7	5117
Methyl tert butyl ether (MTBE)	20	µg/L	**1140**	**1100**	**163**	**559**	**915**	**824**	**252**	**501**	**391.00**	**519**	**358**
TPH-GRO (C6-C10)	0.047	mg/L	**6.3**	**3.75**	**0.459**	**8.32**	**26.4**	**21.8**	**1.14**	**12.9**	**4.78**	**1.77**	**15.0**
TPH DRO(C10-C28)	0.047	mg/L	**1.77**	**1.41**	**0.654**	**2.25**	**3.32**	**4.05**	ND	**4.18**	**1.96**	**1.45**	**5.36**

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample Date	MW/RW-12 3/14/2013	MW/RW-12 6/19/2013	MW/RW-12 9/12/2013	MW/RW-12 12/13/2013	MW/RW-12 3/12/2014	MW/RW-12 6/17/2014	MW/RW-12 9/4/2014	MW/RW-12 1/5/2015	MW/RW-12 6/4/2015	MW/RW-12 3/4/2015	MW/RW-12 9/4/2015	
Constituent														
Benzene	5	µg/L	0.92 J	ND	**24.6**	0.55 J	0.46 J	**12.4**	**50.8**	5	ND	ND	0.30	J
Toluene	1000	µg/L	ND	ND	20	1.1	ND	5.3	104	4.9	ND	ND	ND	
Ethylbenzene	700	µg/L	1.4	ND	38.8	1	0.22 J	48.5	65.2	11.9	ND	ND	ND	
Xylenes, total	10000	µg/L	0.56 J	ND	67.7	9.4	0.26 J	86.5	441	47.3	ND	ND	ND	
BTEX	-	µg/L	2.88	ND	151.1	12.05	0.94	152.7	661	69.1	ND	ND	0.3	
Methyl tert butyl ether (MTBE)	20	µg/L	**119**	13.6	**333**	**24.8**	1.7	**22.2**	**91.7**	**73.3**	ND	ND	1.60	
TPH-GRO (C6-C10)	0.047	mg/L	**0.29**	ND	**0.99**	ND	ND	**1.47**	**3.33**	**0.86**	ND	ND	ND	
TPH DRO(C10-C28)	0.047	mg/L	ND	**0.562**	**0.715**	**0.137**	**0.858**	**0.412**	**1.46**	**0.242**	**0.169**	**0.453**	**0.226**	

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

			Sample Date	MW/RW-12 12/16/2015	MW/RW-12 3/23/2016	MW-14 3/13/2013	MW-14 6/19/2013	MW-14 9/12/2013	MW-14 12/6/2013	MW-14 3/11/2014	MW-14 6/3/2014	MW-14 9/3/2014	MW-14 12/11/2014	MW-14 3/3/2015	
Constituent															
Benzene	5	µg/L		0.54	1.60	**9.7**	**7**	**13.4**	**12**	**10**	**10**	**9.4**	**7.7**	**6.1**	J
Toluene	1000	µg/L		1.3	11.3	ND	ND	ND	ND	ND	ND	ND	ND (0.22)	ND	
Ethylbenzene	700	µg/L		1.5	4.20	0.93 J	ND	ND	1.1 J	ND	ND	ND	ND (0.40)	ND	
Xylenes, total	10000	µg/L		4.1	25.8	4.6	ND	3 J	4.8 J	ND	ND	ND	1.4	ND	
BTEX	-	µg/L		7.44	42.9	15.23	7	16.4	17.9	10	10	9.4	9.1	6.1	J
Methyl tert butyl ether (MTBE)	20	µg/L		9.1	5.0	**3160**	**2720**	**4300**	**5140**	**3270**	**2470**	**3340**	**2990**	**2610**	
TPH-GRO (C6-C10)	0.047	mg/L		ND	**0.354**	**5.21**	**3.95**	**6.34**	**7.95**	**4.54**	**4.93**	**5.58**	**4.82**	**3.21**	
TPH DRO(C10-C28)	0.047	mg/L		**0.420**	**0.633**	**0.564**	**0.441**	**0.498**	**0.383**	**0.392**	**0.242**	ND	**0.21**	ND	

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample Date	MW-14 6/4/2015		MW-14 9/4/2015	MW-14 12/16/2015	MW-14 3/22/2016		MW-15D 3/13/2013	MW-15D 6/20/2013	MW-15D 9/12/2013	MW-15D 12/5/2013	MW-15D 3/11/2014	MW-15D 6/3/2014
Constituent														
Benzene	5	µg/L	3.1	J	3.60	2.7	2.70		ND	ND	ND	ND	ND	ND
Toluene	1000	µg/L	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/L	ND		ND	ND	ND		ND	ND	ND	ND	ND	ND
Xylenes, total	10000	µg/L	ND		ND	ND	0.38	J	0.36 J	ND	ND	ND	ND	ND
BTEX	-	µg/L	3.1	J	3.6	2.7	3.08	J	0.36	ND	ND	ND	ND	ND
Methyl tert butyl ether (MTBE)	20	µg/L	**1600**		**1550**	**1770**	**1140**		0.24 J	0.25 J	ND	ND	ND	0.48 J
TPH-GRO (C6-C10)	0.047	mg/L	**2.22**		**1.700**	**1.46**	**1.36**		ND	ND	ND	ND	ND	ND
TPH DRO(C10-C28)	0.047	mg/L	**0.2**		**0.312**	**0.294**	**0.269**		**0.774**	**0.417**	**0.239**	ND	**0.13**	ND

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample Date	MW-15D 9/3/2014	MW-15D 12/11/2014	MW-15D 3/4/2015	MW-15D 6/2/2015	MW-15D 9/2/2015	MW-15D 12/14/2015	MW-15D 3/22/2016	MW-15S 3/13/2013	MW-15S 6/20/2013	MW-15S 9/12/2013	MW-15S 12/5/2013
Constituent													
Benzene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	10000	µg/L	ND	1.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
BTEX	-	µg/L	ND	1.20	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert butyl ether (MTBE)	20	µg/L	ND	0.55 J	ND	0.41 J	0.32 J	0.44 J	0.49 J	ND	ND	ND	ND
TPH-GRO (C6-C10)	0.047	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPH DRO(C10-C28)	0.047	mg/L	ND	ND	ND	ND	**0.347**	ND	ND	ND	ND	ND	ND

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample Date	MW-15S 3/11/2014	MW-15S 6/3/2014	MW-15S 9/3/2014	MW-15S 12/11/2014	MW-15S 3/4/2015	MW-15S 6/3/2015	MW-15S 9/2/2015	MW-15S 12/14/2015	MW-15S 3/22/2016	MW-16D 9/13/2013	MW-16D 9/16/2013
Constituent													
Benzene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**149**
Toluene	1000	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND
Ethylbenzene	700	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	10000	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BTEX	-	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	149
Methyl tert butyl ether (MTBE)	20	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	**636**	**3780**
TPH-GRO (C6-C10)	0.047	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPH DRO(C10-C28)	0.047	mg/L	ND	ND	ND	ND	ND	ND	**0.208**	**0.104**	ND	ND	ND

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample Date	MW-16D 11/15/2013	MW-16D 12/5/2013	MW-16D 3/11/2014	MW-16D 6/3/2014	MW-16D 9/4/2014	MW-16D 12/11/2014	MW-16D 3/3/2015	MW-16D 6/3/2015	MW-16D 9/3/2015	MW-16D 12/15/2015	MW-16D 3/21/2016
Constituent													
Benzene	5	µg/L	ND	ND	ND	0.22 J	ND	0.43 J	ND	ND	ND	ND	ND
Toluene	1000	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/L	ND	ND	ND	ND	ND	0.46 J	ND	ND	ND	ND	ND
Xylenes, total	10000	µg/L	ND	ND	ND	ND	ND	3.2	0.88 J	ND	ND	ND	ND
BTEX	-	µg/L	ND	ND	ND	0.22 J	ND	3.2	0.88 J	ND	ND	ND	ND
Methyl tert butyl ether (MTBE)	20	µg/L	**284**	**96.8**	5.2	13.4	3.3	13.9	4.5	1.4	2	17	8.90
TPH-GRO (C6-C10)	0.047	mg/L	**0.424**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPH DRO(C10-C28)	0.047	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	**0.499**	ND	ND

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample	MW-16I	MW-16I	MW-16I	MW-16I	MW-16I	MW-16I	MW-16I	MW-16I		MW-16I	MW-16I	MW-16I
		Date	9/13/2013	11/15/2013	12/5/2013	3/11/2014	6/3/2014	9/4/2014	12/11/2014	3/3/2015		6/3/2015	9/3/2015	12/15/2015
Constituent														
Benzene	5	µg/L	**188**	**164**	**136**	**117**	**104**	**129**	**166**	4.6	J	**81.7**	**129**	**121**
Toluene	1000	µg/L	3.1	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND
Ethylbenzene	700	µg/L	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND
Xylenes, total	10000	µg/L	2.5	ND	ND	ND	ND	ND	1.4	ND		ND	ND	ND
BTEX	-	µg/L	193.6	164	136	117	104	129	167.4	4.6	J	81.7	129	121
Methyl tert butyl ether (MTBE)	20	µg/L	**4300**	**4180**	**4150**	**4090**	**4050**	**3950**	**4180**	**3650**		**3920**	**3940**	**3550**
TPH-GRO (C6-C10)	0.047	mg/L	ND	**4.22**	**5.98**	**5.06**	5.9	**5.54**	**5.96**	**4.45**		**4.79**	**4.14**	**3.68**
TPH DRO(C10-C28)	0.047	mg/L	ND	**0.413**	**0.135**	**0.118**	ND	ND	ND	ND		ND	**0.122**	**0.0932**

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample Date	MW-16I 3/21/2016	MW-16S 9/10/2013	MW-16S 10/9/2013	MW-16S 11/15/2013	MW-16S 12/5/2013	MW-16S 3/11/2014	MW-16S 6/3/2014	MW-16S 9/4/2014	MW-16S 12/11/2014	MW-16S 3/3/2015	MW-16S 6/3/2015
Constituent													
Benzene	5	µg/L	**72.9**	**106**	**132**	**157**	**129**	**111**	**142**	**82.8**	**92.3**	**37.5**	**33.8**
Toluene	1000	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	10000	µg/L	ND	ND	2.6	ND	1.4 J	ND	ND	ND	0.97 J	ND	ND
BTEX	-	µg/L	72.9	106	134.6	157	130.4	111	142	82.8	93.27	37.5	33.8
Methyl tert butyl ether (MTBE)	20	µg/L	**4300**	**1470**	**1450**	**2330**	**2260**	**2330**	**1720**	**922**	**1310**	**1130**	**664**
TPH-GRO (C6-C10)	0.047	mg/L	**4.61**	ND	**2.24**	**2.77**	**3.35**	**3.02**	**2.56**	**1.52**	**2.13**	**1.48**	**1.01**
TPH DRO(C10-C28)	0.047	mg/L	ND	ND	**0.203**	**0.109**	ND	**0.16**	ND	ND	ND	ND	**0.19**

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample Date	MW-16S 9/3/2015		MW-16S 12/15/2015	MW-16S 3/23/2016	MW-17S 6/2/2014	MW-17S 8/14/2014	MW-17S 9/3/2014	MW-17S 12/12/2014	MW-17S 3/3/2015	MW-17S 6/4/2015
Constituent												
Benzene	5	µg/L	**7.30**		**83**	**59.20**	ND	ND	ND	ND	ND	ND
Toluene	1000	µg/L	ND		ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	µg/L	0.61	J	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	10000	µg/L	ND		ND	ND	ND	ND	ND	ND	ND	ND
BTEX	-	µg/L	7.91		83	59.2	ND	ND	ND	ND	ND	ND
Methyl tert butyl ether (MTBE)	20	µg/L	**463**		**1340**	**809**	0.3 J	ND	ND	ND	ND	ND
TPH-GRO (C6-C10)	0.047	mg/L	**0.429**		**1.33**	**1.03**	NA	ND	ND	ND	ND	ND
TPH DRO(C10-C28)	0.047	mg/L	**0.313**		**0.164**	ND	NA	**0.259**	ND	ND	ND	**0.124**

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample	MW-17S	MW-17S	MW-17S	MW-17I	MW-17I	MW-17I	MW-17I	MW-17I	MW-17I	MW-17I	MW-17D
		Date	9/2/2015	12/14/2015	3/21/2016	8/14/2014	9/3/2014	12/12/2014	6/2/2015	9/2/2015	12/14/2015	3/21/2016	8/14/2014
Constituent													
Benzene	5	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	µg/L	ND	ND	ND	0.81 J	0.36 J	ND	ND	ND	ND	ND	2.10
Ethylbenzene	700	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, total	10000	µg/L	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND
BTEX	-	µg/L	ND	ND	ND	0.81 J	0.36 J	1.4	ND	ND	ND	ND	2.1
Methyl tert butyl ether (MTBE)	20	µg/L	ND	ND	ND	5.3	3.7	2.7	0.76 J	0.80 J	0.88 J	0.29 J	5.3
TPH-GRO (C6-C10)	0.047	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.207**
TPH DRO(C10-C28)	0.047	mg/L	**0.118**	**0.122**	**0.150**	**0.784**	ND	**0.302**	ND	**0.22**	ND	ND	NA

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

			Sample Date 4	MW-17D 9/3/2014	MW-17D 12/11/2014	MW-17D 6/2/2015	MW-17D 9/2/2015	MW-17D 12/14/2015	MW-17D 3/21/2016	RW-17 3/14/2013	RW-17 6/19/2013	RW-17 9/12/2013	RW-17 12/13/2013
Constituent													
Benzene	5	µg/L		ND	ND	ND	ND	ND	ND	**84.6**	**91.7**	**128**	**11.1**
Toluene	1000	µg/L		1.3	0.49 J	0.44 J	0.28 J	0.43 J	0.37 J	56.7	182	49.7	5.8
Ethylbenzene	700	µg/L		ND	0.45 J	ND	ND	ND	ND	43.2	76.8	92.7	9.1
Xylenes, total	10000	µg/L		ND	3.8	ND	ND	ND	ND	318	833	326	33.8
BTEX	-	µg/L		ND	4.74 J	0.44 J	0.28	0.43 J	0.37 J	502.5	1183.5	596.4	59.8
Methyl tert butyl ether (MTBE)	20	µg/L		3.7	1.1	0.44 J	0.31 J	0.51 J	0.52 J	**572**	**398**	**473**	**68.1**
TPH-GRO (C6-C10)	0.047	mg/L		ND	ND	ND	ND	ND	ND	**3.4**	**5.15**	**3.22**	**0.476**
TPH DRO(C10-C28)	0.047	mg/L		**0.829**	ND	**0.229**	**0.267**	**0.142**	ND	**1.5**	**2.55**	**1.59**	**0.259**

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample Date	RW-17 3/12/2014	RW-17 6/17/2014	RW-17 9/4/2014	RW-17 1/5/2015	RW-17 3/4/2015	RW-17 6/3/2015		RW-17 9/4/2015	RW-17 12/16/2015	RW-17 3/22/2016	
Constituent													
Benzene	5	µg/L	**79.2**	**9.3**	**118**	**10.4**	ND	2.1		**40.4**	ND	0.36	J
Toluene	1000	µg/L	10.1	2.5	110	2.6	ND	0.28	J	11.80	ND	ND	
Ethylbenzene	700	µg/L	54	108	72.4	17.6	ND	16.1		13.10	ND	ND	
Xylenes, total	10000	µg/L	62	32.9	226	42.7	ND	7.5		28.80	ND	0.30	J
BTEX	-	µg/L	205.3	152.7	526.4	73.3	ND	25.98	J	94.1	ND	0.66	J
Methyl tert butyl ether (MTBE)	20	µg/L	**478**	15.8	**346**	**153**	ND	16.8		**262**	6	1.50	
TPH-GRO (C6-C10)	0.047	mg/L	**2.48**	**1**	**2.67**	**0.437**	ND	**0.247**		**0.874**	ND	ND	
TPH DRO(C10-C28)	0.047	mg/L	**3.59**	**0.65**	**0.958**	**0.368**	**2.61**	**0.26**		**0.413**	**0.195**	**0.386**	

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample Date	RW-18 3/14/2013	RW-18 6/19/2013	RW-18 9/12/2013	RW-18 12/13/2013	RW-18 3/12/2014	RW-18 6/17/2014	RW-18 9/4/2014	RW-18 1/5/2015	RW-18 3/4/2015	RW-18 6/3/2015	RW-18 9/4/2015
Constituent													
Benzene	5	µg/L	2.9	ND	**10.1**	**8.5**	**94.6**	**43.4**	**49.5**	**28**	ND	**20.8**	**19.4**
Toluene	1000	µg/L	1.5	ND	0.45 J	5.6	70.8	21.9	14.9	5.2	ND	5.2	3.90
Ethylbenzene	700	µg/L	2.9	0.37 J	6.2	8.1	97.2	30.5	28.7	15	ND	26.2	24.70
Xylenes, total	10000	µg/L	11.5	1.1	10.7	29.4	420	170	159	128	ND	63.1	64.70
BTEX	-	µg/L	18.8	1.47	27.45	51.6	682.6	265.8	252.1	176.2	ND	115.3	112.7
Methyl tert butyl ether (MTBE)	20	µg/L	**307**	14.9	**487**	**58.7**	**331**	**134**	**554**	**440**	ND	**103**	**149**
TPH-GRO (C6-C10)	0.047	mg/L	**1.92**	ND	**1.66**	**0.467**	**3.54**	**1.89**	**2.23**	**1.59**	ND	**0.43**	**1.090**
TPH DRO(C10-C28)	0.047	mg/L	**0.926**	**0.97**	**0.54**	**0.275**	**1.37**	**0.513**	**0.944**	**0.401**	ND	**0.911**	**0.333**

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample Date	RW-18 12/16/2015	RW-18 3/23/2016	RW-19 3/14/2013	RW-19 6/19/2013	RW-19 9/12/2013	RW-19 12/13/2013	RW-19 3/12/2014	RW-19 6/17/2014	RW-19 9/4/2014	RW-19 1/5/2015
Constituent												
Benzene	5	µg/L	**23.3**	**16.2**	ND	2.4 J	**18.2**	**20.5**	**11.6**	1.1	2.4	ND
Toluene	1000	µg/L	10.80	12.6	ND	ND	5.8 J	ND	2.90	0.31 J	ND	ND
Ethylbenzene	700	µg/L	33.20	18.9	ND	ND	37	4.1 J	24.8 J	1.1	ND	ND
Xylenes, total	10000	µg/L	103	79.6	ND	ND	53.9	10.8	26.8	3.1	1.4	ND
BTEX	-	µg/L	170.3	127.3	ND	2.4	114.9	35.4	66.1	5.61	3.8	ND
Methyl tert butyl ether (MTBE)	20	µg/L	**243**	**103**	**664**	**2710**	**1370**	**520**	**373**	**60.6**	**365**	1.8
TPH-GRO (C6-C10)	0.047	mg/L	**0.616**	**2.24**	**4.29**	**3.97**	**2.9**	**1.52**	**1.15**	ND	**0.774**	ND
TPH DRO(C10-C28)	0.047	mg/L	**3.820**	**0.154**	**1.86**	**0.745**	**0.447**	**0.602**	**0.514**	ND	ND	**0.147**

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

		Sample Date	RW-19 3/4/2015	RW-19 6/3/2015	RW-19 9/4/2015	RW-19 12/16/2015	RW-19 3/23/2016	RW-20 3/14/2013	RW-20 6/19/2013	RW-20 9/13/2013	RW-20 12/13/2013	RW-20 3/12/2014
Constituent												
Benzene	5	µg/L	ND	ND	0.66	ND	ND	1.9	ND	0.24 J	1.5	3.3
Toluene	1000	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	3.1	ND
Ethylbenzene	700	µg/L	ND	ND	ND	ND	ND	2.6	ND	2.1	9	81.9
Xylenes, total	10000	µg/L	ND	ND	2.10	ND	ND	0.25 J	ND	ND	5.3	1.2
BTEX	-	µg/L	ND	ND	2.76	ND	ND	4.75	ND	2.34	18.9	86.4
Methyl tert butyl ether (MTBE)	20	µg/L	ND	2.3	**145**	**26.4**	0.77 J	**28.2**	ND	4.2	4.4	4.3
TPH-GRO (C6-C10)	0.047	mg/L	ND	ND	**0.222**	ND	**0.214**	**0.457**	**0.367**	ND	**0.276**	**0.511**
TPH DRO(C10-C28)	0.047	mg/L	**1.49**	**0.19**	ND	**0.237**	ND	**0.459**	**0.693**	ND	**0.15**	**0.307**

TABLE 2
GROUNDWATER ANALYTICAL DATA SUMMARY
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

			Sample Date	RW-20 6/17/2014	RW-20 9/4/2014	RW-20 1/5/2015	RW-20 3/4/2015	RW-20 6/3/2015	RW-20 9/4/2015	RW-20 12/16/2015	RW-20 3/23/2016
Constituent											
Benzene	5	µg/L		**7.9**	**3.1**	**1.7**	**8**	**1.8**	**0.26** J	ND	ND
Toluene	1000	µg/L		0.67 J	1	ND	0.99 J	ND	ND	0.18 J	ND
Ethylbenzene	700	µg/L		144	45.9	28.2	34.4	17.7	3.8	0.7 J	1.1
Xylenes, total	10000	µg/L		4.7	23	2.8	25.1	4.4	0.62 J	0.21 J	ND
BTEX	-	µg/L		157.27	73	32.7	68.49 J	23.9	4.68	1.09 J	1.1
Methyl tert butyl ether (MTBE)	20	µg/L		10.3	**125**	**47.3**	**57.7**	18.5	**27.1**	7.8	2.7
TPH-GRO (C6-C10)	0.047	mg/L		**1.09**	**1.04**	**0.555**	**0.5**	**0.291**	ND	ND	**0.133** J
TPH DRO(C10-C28)	0.047	mg/L		**0.628**	**0.564**	ND	**1.11**	**0.21**	ND	**0.155**	**0.0949**

TF = Tankfield Well
MW = Groundwater monitoring well
Total BTEX = Sum of Benzene, Toluene, Ethylbenzene and Total Xylenes
MTBE = Methyl-tertiary Butyl Ether
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics
Bolded values indicate concentrations above site specific regulatory standards µg/L = micrograms per liter
mg/L = milligrams per liter
ND = Analyte was not detected
J = Estimated value between reporting limit and method detection limit
- = Not sampled
NA = Not analyzed

TABLE 3
POTABLE DRINKING WATER WELL LABORATORY ANALYTICAL RESULTS
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Well Permit Number	Address	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
	MDE Clean-up Standards for Type I and II		5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA
HA-94-1603	2319 E. Churchville Road	08/29/2011	ND<0.034	ND<0.067	ND<0.20	ND<0.044	ND<0.345	0.45 J	ND<0.12	ND<0.16	ND<0.10	ND<0.076	ND<0.14
		09/06/2012	ND<0.047	ND<0.079	ND<0.14	ND<0.12	ND<0.386	ND<0.068	ND<0.060	ND<2.4	ND<0.062	ND<0.064	12.9
		09/12/2013	ND<0.10	ND<0.045	ND<0.021	ND<0.12	ND<0.196	0.43 J	ND <0.029	ND<0.53	ND <0.051	ND <0.042	ND <0.10
		09/02/2014	ND<0.028	ND<0.071	ND<0.024	ND<0.046	ND<0.169	0.41 J	ND <0.050	ND<0.54	ND <0.031	ND <0.031	ND <0.048
		09/04/2015	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	0.38 J	ND<0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099
-	2317 E. Churchville Road	09/08/2011	ND<0.034	ND<0.067	ND<0.20	ND<0.044	ND<0.345	0.98	ND<0.12	ND<1.2	ND<0.10	ND<0.076	ND<0.14
		09/06/2012	ND<0.047	ND<0.079	ND<0.14	ND<0.12	ND<0.386	0.69	ND<0.060	ND<2.4	ND<0.062	ND<0.064	ND<0.050
		09/12/2013	ND<0.10	ND<0.045	ND<0.021	ND<0.12	ND<0.196	0.52	ND <0.029	ND<0.53	ND <0.051	ND <0.042	ND <0.10
		09/02/2014	ND<0.028	ND<0.071	ND<0.024	ND<0.046	ND<0.169	0.43 J	ND<0.050	ND<0.54	ND<0.031	ND<0.031	ND<0.048
		09/04/2015	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	0.50	ND<0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099
HA-94-0597	2303 E. Churchville Road	08/27/2012	ND<0.047	ND<0.079	ND<0.14	ND<0.12	ND<0.386	0.64	ND<0.060	ND<2.4	ND<0.062	ND<0.064	ND<0.050
		03/13/2013	ND<0.047	ND<0.079	ND<0.14	ND<0.12	ND<0.386	0.56	ND<0.060	ND<2.4	ND<0.062	ND<0.064	ND<0.050
		09/12/2013	ND<0.10	ND<0.045	ND<0.021	ND<0.12	ND<0.196	0.55	ND <0.029	ND<0.53	ND <0.051	ND <0.042	ND <0.10
		03/12/2014	ND<0.10	ND<0.045	ND<0.021	ND<0.12	ND<0.196	0.50	ND <0.029	ND<0.53	ND <0.051	ND <0.042	ND <0.10
		09/02/2014	ND<0.028	ND<0.071	ND<0.024	ND<0.046	ND<0.169	0.57	ND<0.050	ND<0.54	ND<0.031	ND<0.031	ND<0.048
		03/25/2015	ND <0.057	ND <0.044	ND<0.033	ND<0.029	ND<0.163	0.50	ND <0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099
		09/04/2015	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	0.44 J	ND<0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099
		03/23/2016	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	0.48 J	ND<0.084	1.2 J	ND<0.038	ND<0.025	ND<0.099
	2401 A Churchville Road	09/02/2014	ND<0.028	ND<0.071	ND<0.024	ND<0.046	ND<0.169	ND<0.056	ND <0.050	ND<0.54	ND <0.031	ND <0.031	ND <0.048
		09/04/2015	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	ND<0.030	ND<0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099
	2401 C Churchville Road	09/02/2014	ND<0.028	ND<0.071	ND<0.024	ND<0.046	ND<0.169	0.087 J	ND<0.050	ND<0.54	ND<0.031	ND<0.031	ND<0.048
		09/04/2015	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	ND<0.030	ND<0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099

TABLE 3
POTABLE DRINKING WATER WELL LABORATORY ANALYTICAL RESULTS
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Well Permit Number	Address	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
	MDE Clean-up Standards for Type I and II		5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA
HA-88-1075	1 Meadow Springs Drive	06/22/2012	**17.91**	ND<0.5	ND<0.5	ND<1.5	17.91	**251.86**	ND<0.5	-	-	ND<0.5	8.89
		07/06/2012	**15.65**	ND<0.5	ND<0.5	ND<1.5	15.65	**340.98**	0.52	-	-	ND<0.5	10.97
		09/06/2012	**40.4**	ND<0.079	ND<0.14	0.95	41.35	**417.00**	**0.72**	115	1.7	0.38 J	12.9
		10/04/2012	**46.8**	ND<0.079	ND<0.14	1.00	47.8	**561**	**0.81**	137	2.0	0.51	16.2
		11/01/2012	**46.4**	ND<0.079	ND<0.14	0.93	47.33	**619**	**1.00**	179	2.4	0.59	18.4
		12/19/2012	**57.7**	ND<0.079	ND<0.14	1.1	58.8	**511**	**1.2**	164	1.9	0.47 J	16.1
		01/25/2013	**45**	ND<0.079	ND<0.14	0.92	46.139	**526**	**1.10**	176	2.3	0.54	17.1
		02/21/2013	**32.8**	ND<0.079	ND<0.14	0.81	33.829	**609**	**1.10**	164	2.1	0.51	17.5
		03/13/2013	**30.8**	0.21 J	ND<0.14	0.79	32.15	**507**	**1.00**	148	1.9	0.47 J	16.4
		4/2/2013	**17.5**	ND<0.079	ND<0.14	0.5	18	**443**	**0.72**	122	1.7	0.43 J	13.6
		5/14/2013	**19.7**	ND<0.079	ND<0.14	0.51	20.21	**441**	**0.67**	117	1.4	0.36 J	12.1
		6/13/2013	**28.6**	ND<0.079	ND<0.14	0.61	29.21	**652**	**0.78**	192	2	0.56	19.6
		9/16/2013	**31.9**	ND<0.045	0.054 J	0.99	32.94	**355**	**0.88**	-	1.6 J	-	-
		12/6/2013	**39.8**	ND<0.045	0.054 J	1	40.854	**384**	**0.99**	154	1.6	0.44 J	14.6
		2/25/2014	**22.9**	ND<0.045	ND<0.021	ND<0.030	22.9	**556**	**1.2**	199	1.9	0.53	18.4
		3/13/2014	**13.3**	ND<0.045	ND<0.021	0.51	13.81	**536**	**0.94**	177	2.1	0.54	16.6
		04/25/2014	**10.4**	ND<0.045	ND<0.021	0.39 J	10.79 J	**423**	**0.73**	158	1.7	0.44 J	13.5
		06/02/2014	**10.9**	ND<0.045	ND<0.021	0.30 J	11.20 J	**324**	0.51	106	1.3	0.30 J	10.2
		07/29/2014	**8.6**	ND<0.071	ND<0.024	ND<0.46	8.6	5	ND<0.050	ND<0.54	ND <0.031	ND <0.031	ND<0.048
		09/02/2014	**19.7**	ND<0.071	ND<0.024	0.59	20.29	**288**	**0.57**	99.8	1.2	0.28	9.4
		09/23/2014	**24.9**	ND<0.071	ND<0.024	0.82	25.72	**404**	**0.8**	134	1.7	0.43 J	13
		10/28/2014	**25.2**	ND<0.071	ND<0.024	0.81	26.01	**307**	**0.66**	121	1.2	0.31 J	10.8
		11/25/2014	ND<0.028	ND<0.071	ND<0.024	ND<0.46	ND<0.169	**127**	ND<0.050	170	ND <0.031	ND <0.031	0.25 J
		12/11/2014	**22.5**	ND<0.071	ND<0.024	0.74	23.24	**485**	**0.85**	188	2.1	0.5	15.2
		01/16/2015	**15.2**	ND<0.071	ND<0.024	0.54	15.74	**413**	**0.73**	140	1.3	0.36 J	11.6
		02/11/2015	**15.7**	ND<0.071	ND<0.024	0.46 J	16.16 J	**300**	**0.61**	107	1	0.28 J	9
		03/31/2015	ND<0.028	ND<0.071	ND<0.024	ND<0.029	ND <0.169	**101**	ND<0.084	104	ND<0.038	ND<0.025	0.69
		04/27/2015	ND<0.057	ND<0.071	ND<0.024	ND<0.029	ND <0.169	**219**	ND<0.084	93.6	ND<0.038	ND<0.025	0.46 J
		05/28/2015	ND<0.057	ND<0.071	ND<0.024	ND<0.029	ND <0.169	**200**	ND<0.084	71	ND<0.038	ND<0.025	0.33 J
		06/26/2015	ND<0.057	ND<0.071	ND<0.024	ND<0.029	ND <0.169	**197**	ND<0.084	72.3	ND<0.038	ND<0.025	0.5
		07/30/2015	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.063	**229**	ND<0.084	67.4	ND<0.038	ND<0.025	0.54
		08/27/2015	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.063	**203**	ND<0.084	60.2	ND<0.038	ND<0.025	0.6
		09/29/2015	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.063	**220**	ND<0.084	53.2	ND<0.038	ND<0.025	0.5
		10/14/2015	1.3	ND<0.044	ND<0.033	ND<0.029	1.3	**212**	ND<0.084	60.8	0.26 J	ND<0.025	2.1
		11/24/2015	0.61	ND<0.044	ND<0.033	ND<0.029	0.61	**220**	ND<0.084	83.4	ND<0.038	ND<0.025	0.71
		12/15/2015	**17.1**	ND<0.044	ND<0.033	0.61	17.71	**279**	0.53	98.6	1	0.26 J	8.7
		01/21/2016	5	ND (0.044)	ND (0.033)	0.11 J	5.11 J	**303**	0.19 J	99.4	0.72	0.24 J	6.4
		02/05/2016	**10.9**	ND (0.044)	ND (0.033)	0.39 J	11.29 J	**265**	0.51	95.5	1	0.26 J	8.7
		03/23/2016	**6.4**	ND (0.044)	ND (0.033)	ND (0.029)	6.4	**185**	0.41 J	63.6	0.68	0.21 J	6

TABLE 3
POTABLE DRINKING WATER WELL LABORATORY ANALYTICAL RESULTS
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Well Permit Number	Address	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
	MDE Clean-up Standards for Type I and II		5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA
HA-88-1314	3 Meadow Springs Drive	07/11/2012	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5
		03/12/2014	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	0.21 J	ND<0.5	ND<0.53	ND <0.051	ND<0.5	ND<0.5
		09/02/2014	ND<0.028	ND<0.071	ND<0.024	ND<0.046	ND<3.0	0.43 J	ND<0.050	ND<0.54	ND <0.031	ND<0.031	ND<0.048
		03/31/2015	ND<0.028	ND<0.071	ND<0.024	ND<0.046	ND<3.0	0.41 J	ND<0.050	ND<0.54	ND <0.031	ND<0.031	ND<0.048
		09/04/2015	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	0.29 J	ND<0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099
		03/23/2016	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	0.31 J	ND<0.084	1.7 J	ND<0.038	ND<0.025	ND<0.099
HA-88-1147	5 Meadow Springs Drive	08/27/2012	ND<0.047	ND<0.079	ND<0.14	ND<0.12	ND<0.386	0.25	ND<0.5	ND<0.5	ND<0.062	ND<0.064	ND<0.050
		09/12/2013	ND<0.10	ND<0.045	ND<0.021	ND<0.12	ND<0.196	0.33 J	ND <0.029	ND<0.53	ND <0.051	ND <0.042	ND <0.10
		03/12/2014	ND<0.10	ND<0.045	ND<0.021	ND<0.12	ND<0.196	0.25 J	ND <0.029	ND<0.53	ND <0.051	ND <0.042	ND <0.10
		09/02/2014	ND<0.028	ND<0.071	ND<0.024	ND<0.046	ND<0.169	0.31 J	ND<0.050	ND<0.54	ND <0.031	ND <0.031	ND <0.048
		03/25/2015	ND <0.057	ND <0.044	ND<0.033	ND<0.029	ND<0.163	0.31 J	ND <0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099
		09/04/2015	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	0.25 J	ND<0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099
		03/23/2016	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	0.32 J	ND<0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099
HA-88-1076	7 Meadow Springs Drive	10/16/2012	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	0.18	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
		03/13/2013	ND<0.047	ND<0.079	ND<0.14	ND<0.12	ND<0.386	0.14 J	ND<0.060	ND<2.4	ND<0.062	ND<0.064	ND<0.050
		09/12/2013	ND<0.10	ND<0.045	ND<0.021	ND<0.12	ND<0.196	0.19 J	ND <0.029	ND<0.53	ND <0.051	ND <0.042	ND <0.10
		03/12/2014	ND<0.10	ND<0.045	ND<0.021	ND<0.12	ND<0.196	0.17 J	ND <0.029	ND<0.53	ND <0.051	ND <0.042	ND <0.10
		09/02/2014	ND<0.0.28	ND<0.071	ND<0.024	ND<0.046	ND<0.169	0.17 J	ND <0.050	ND<0.54	ND <0.031	ND <0.031	ND <0.048
		03/25/2015	ND <0.057	ND <0.044	ND<0.033	ND<0.029	ND<0.163	0.14 J	ND <0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099
		09/04/2015	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	0.11 J	ND<0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099
		03/23/2016	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	ND<0.5	ND<0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099
HA-88-1315	9 Meadow Springs Drive	10/16/2012	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	0.26	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
		03/13/2013	ND<0.047	ND<0.079	ND<0.14	ND<0.12	ND<0.386	0.21 J	ND<0.060	ND<2.4	ND<0.062	ND<0.064	ND<0.050
		09/12/2013	ND<0.10	ND<0.045	ND<0.021	ND<0.12	ND<0.196	0.27 J	ND <0.029	ND<0.53	ND <0.051	ND <0.042	ND <0.10
		03/12/2014	ND<0.10	ND<0.045	ND<0.021	ND<0.12	ND<0.196	0.24 J	ND <0.029	ND<0.53	ND <0.051	ND <0.042	ND <0.10
		09/02/2014	ND<0.028	ND<0.071	ND<0.024	ND<0.046	ND<0.196	0.26 J	ND <0.050	ND<0.54	ND <0.031	ND <0.031	ND <0.048
		03/25/2015	ND <0.057	ND <0.044	ND<0.033	ND<0.029	ND<0.163	0.24 J	ND <0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099
		09/04/2015	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	0.25 J	ND<0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099
		03/23/2016	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	0.34 J	ND<0.084	1.9 J	ND<0.038	ND<0.025	ND<0.099

TABLE 3
POTABLE DRINKING WATER WELL LABORATORY ANALYTICAL RESULTS
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Well Permit Number	Address	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
	MDE Clean-up Standards for Type I and II		5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA
HA-88-1077	10 Meadow Springs Drive	10/16/2012	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<3.0	0.19	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
		03/13/2013	ND<0.047	ND<0.079	ND<0.14	ND<0.12	ND<0.386	0.13 J	ND<0.060	ND<2.4	ND<0.062	ND<0.064	ND<0.050
		09/12/2013	ND<0.10	ND<0.045	ND<0.021	ND<0.12	ND<0.196	0.20 J	ND <0.029	ND<0.53	ND <0.051	ND <0.042	ND <0.10
		03/12/2014	ND<0.10	ND<0.045	ND<0.021	ND<0.12	ND<0.196	0.20 J	ND <0.029	ND<0.53	ND <0.051	ND <0.042	ND <0.10
		09/02/14	ND<0.028	ND<0.071	ND<0.024	ND<0.046	ND<0.169	0.20 J	ND <0.050	ND<0.54	ND <0.031	ND <0.031	ND <0.048
		03/31/15	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.169	0.18 J	ND <0.050	ND<0.54	ND <0.031	ND <0.031	ND <0.048
		09/04/15	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	0.23 J	ND<0.084	ND<0.89	ND<0.038	ND<0.025	ND<0.099
		03/23/16	ND<0.057	ND<0.044	ND<0.033	ND<0.029	ND<0.163	0.30 J	ND<0.084	1.9 J	ND<0.038	ND<0.025	ND<0.099

Notes:
1 Meadow Spring Drive & 3 Meadow Spring Drive: June and July analytical data from MDE sampling event
Bolded values indicate concentrations above MDE standards.
ND = Not detected above laboratory method detection limits
<# = Less than the method detection limit of #
µg/l = micrograms per liter
J = Estimated Concentration
MDE = Maryland Department of the Environment
- = No information available
ft = Feet

TABLE 4
POET SYSTEM SAMPLING LABORATORY ANALYTICAL RESULTS
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Sample Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MDE Clean-up Standards for Type I and II Aquifers		5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA
INFLUENT	09/06/2012	**40.4**	ND<0.079	ND<0.14	0.95	41.35	**417**	**0.72**	115	1.7	0.38 J	ND<0.050
	10/04/2012	**46.8**	ND<0.079	ND<0.14	1.00	47.8	**561**	**0.81**	137	2.0	0.51	16.2
	11/01/2012	**46.4**	ND<0.079	ND<0.14	0.93	47.33	**619**	**1.00**	179	2.4	0.59	18.4
	12/19/2012	**57.7**	ND<0.79	ND<0.14	1.1	58.8	**511**	**1.20**	164	1.9	0.47 J	16.1
	01/25/2013	**45**	ND (0.079)	ND (0.14)	0.92	46.139	**526**	**1.1**	176	2.3	0.54	17.1
	02/21/2013	**32.8**	ND (0.079)	ND (0.14)	0.81	33.829	**609**	**1.10**	164	2.1	0.51	17.5
	03/13/2013	**31**	0.21 J	ND (0.14)	0.8	32.01	**507**	**1.0**	148	1.9	0.47 J	16.4
	04/02/2013	**17.5**	ND (0.079)	ND (0.14)	0.5	18.219	**443**	**0.72**	122	1.7	0.43 J	13.6
	05/14/2013	**19.7**	ND (0.079)	ND (0.14)	0.51	20.21	**441**	**0.67**	117	1.4	0.36 J	12.1
	06/13/2013	**28.6**	ND (0.079)	ND (0.14)	0.61	29.21	**652**	**0.78**	192	2	0.56	19.6
	09/16/2013	**31.9**	ND (0.045)	0.054 J	0.99	32.94	**355**	**0.88**	-	1.6JN	-	-
	12/06/2013	**39.8**	ND(0.045)	0.054 J	1	40.854	**384**	**0.99**	154	1.6	0.44 J	14.6
	02/25/2014	**22.9**	ND(0.045)	ND(0.021)	ND(0.030)	22.9	**556**	**1.2**	199	1.9	0.53	18.4
	03/13/2014	**13.3**	ND(0.045)	ND(0.021)	0.51	13.81	**536**	**0.94**	177	2.1	0.54	16.6
	04/25/2014	**10.4**	ND(0.045)	ND(0.021)	0.39 J	10.79 J	**423**	**0.73**	158	1.7	0.44 J	13.5
	06/02/2014	**10.9**	ND(0.045)	ND(0.021)	0.30 J	11.20 J	**324**	0.51	106	1.3	0.30 J	10.2
	07/29/2014	**8.6**	ND(0.71)	ND(0.24)	ND(0.46)	8.6	5	ND(0.050)	ND(0.54)	ND(0.031)	ND(0.031)	ND(0.048)
	09/02/2014	**19.7**	ND(0.071)	ND(0.024)	0.59	20.29	**288**	0.57	99.8	1.2	0.28 J	9.4
	09/23/2014	**24.9**	ND (0.071)	ND (0.024)	0.82	25.72	**404**	**0.8**	134	1.7	0.43 J	13
	10/28/2014	**25.2**	ND (0.071)	ND (0.024)	0.81	26.01	**307**	**0.66**	121	1.2	0.31 J	10.8
	11/25/2014	ND (0.028)	ND(0.071)	ND (0.024(	ND (0.046)	ND	**127**	ND (0.050)	170	ND (0.031)	ND (0.031)	0.25 J
	12/11/2014	**22.5**	ND (0.071)	ND (0.024)	0.74	23.24	**485**	**0.85**	188	2.1	0.5	15.2
	01/16/2015	**15.2**	ND (0.071)	ND (0.024)	0.54	15.74	**413**	**0.73**	140	1.3	0.36 J	11.6
	02/11/2015	**15.7**	ND (0.071)	ND (0.024)	0.46 J	16.16 J	**300**	**0.61**	107	1	0.28 J	9
	03/31/2015	ND(0.057)	ND(0.044)	ND(0.033)	ND(0.029)	ND(0.163)	**101**	ND(0.084)	104	ND(0.038)	ND(0.025)	0.69
	04/27/2015	ND (0.057)	ND(0.044)	ND(0.033)	ND(0.029)	ND(0.163)	**219**	ND(0.084)	93.6	ND(0.038)	ND(0.025)	0.46 J
	05/28/2015	ND (0.057)	ND(0.044)	ND(0.033)	ND(0.029)	ND(0.163)	**200**	ND(0.084)	71	ND(0.038)	ND(0.025)	0.33 J
	06/26/2015	ND (0.057)	ND(0.044)	ND(0.033)	ND(0.029)	ND(0.163)	**197**	ND(0.084)	72.3	ND(0.038)	ND(0.025)	0.5
	07/30/2015	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	**229**	ND (0.084)	67.4	ND (0.038)	ND (0.025)	0.54
	08/27/2015	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	**203**	ND (0.084)	60.2	ND (0.038)	ND (0.025)	0.6
	09/29/2015	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	**220**	ND (0.084)	53.2	ND (0.038)	ND (0.025)	0.5
	10/14/2015	1.3	ND (0.044)	ND (0.033)	ND (0.029)	1.3	**212**	ND (0.084)	60.8	0.26 J	ND (0.025)	2.1
	11/24/2015	0.61	ND (0.044)	ND (0.033)	ND (0.029)	0.61	**220**	ND (0.084)	83.4	ND (0.038)	ND (0.025)	0.71
	12/16/2015	**17.1**	ND (0.044)	ND (0.033)	0.61	17.71	**279**	**0.53**	98.6	1	0.26 J	8.7
	01/21/2016	**5**	ND (0.044)	ND (0.033)	0.11 J	5.11 J	**303**	**0.19 J**	99.4	0.72	0.24 J	6.4
	02/05/2016	**10.9**	ND (0.044)	ND (0.033)	0.39 J	11.29 J	**265**	**0.51**	95.5	1	0.26 J	8.7
	03/23/2016	**6.4**	ND (0.044)	ND (0.033)	ND (0.029)	6.4	**185**	**0.41 J**	63.6	0.68	0.21 J	6

TABLE 4
POET SYSTEM SAMPLING LABORATORY ANALYTICAL RESULTS
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Sample Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MDE Clean-up Standards for Type I and II Aquifers		5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA
MID 2	09/06/2012	ND<0.047	ND(0.079)	ND(0.14)	ND(0.12)	ND(0.386)	ND(0.068)	ND(0.060)	ND(2.4)	ND(0.062)	ND(0.064)	ND(0.050)
	10/04/2012	ND<0.047	ND(0.079)	ND(0.14)	ND(0.12)	ND(0.386)	ND(0.068)	ND(0.060)	ND(2.4)	ND(0.062)	ND(0.064)	ND(0.050)
	11/01/2012	ND<0.047	ND(0.079)	ND(0.14)	ND(0.12)	ND(0.386)	ND(0.068)	ND(0.060)	ND(2.4)	ND(0.062)	ND(0.064)	ND(0.050)
	12/19/2012	ND<0.047	ND(0.079)	ND(0.14)	ND(0.12)	ND(0.386)	ND(0.068)	ND(0.060)	15	ND(0.062)	ND(0.064)	ND(0.050)
	01/25/2013	ND (0.047)	ND (0.079)	ND(0.14)	ND(0.12)	ND(0.386)	ND (0.068)	ND(0.060)	ND (2.4)	ND (0.062)	ND (0.064)	ND (0.050)
	02/21/2013	ND (0.047)	ND (0.079)	ND (0.14)	ND (0.12)	ND(0.386)	ND (0.068)	ND (0.060)	ND (2.4)	ND (0.062)	ND (0.064)	ND (0.050)
	03/13/2013	0.078 J	0.18 J	ND (0.14)	ND (0.12)	0.18 J	ND (0.068)	ND (0.060)	ND (2.4)	ND (0.062)	ND (0.064)	ND (0.050)
	04/02/2013	ND (0.047)	ND (0.079)	ND (0.14)	ND (0.12)	ND(0.386)	ND (0.068)	ND (0.060)	ND (2.4)	ND (0.062)	ND (0.064)	ND (0.050)
	05/14/2013	ND (0.047)	ND (0.079)	ND (0.14)	ND (0.12)	ND(0.386)	ND (0.068)	ND (0.060)	ND (2.4)	ND (0.062)	ND (0.064)	ND (0.050)
	06/13/2013	ND (0.047)	ND (0.079)	ND (0.14)	ND (0.12)	ND(0.386)	ND (0.068)	ND (0.060)	22.5	ND (0.062)	ND (0.064)	ND (0.050)
	09/16/2013	ND (0.10)	ND (0.045)	ND (0.021)	ND (0.030)	ND(0.196)	ND (0.11)	ND (0.029)	-	-	-	-
	12/06/2013	ND(0.10)	ND(0.45)	ND(0.021)	ND(0.030)	ND(0.196)	ND(0.11)	ND(0.029)	ND(0.53)	ND(0.051)	ND(0.042)	ND(0.10)
	02/25/2014	ND(0.10)	ND(0.45)	ND(0.021)	ND(0.030)	ND(0.196)	ND(0.11)	ND(0.029)	3.3	ND(0.051)	ND(0.042)	ND(0.10)
	03/13/2014	ND(0.10)	ND(0.45)	ND(0.021)	ND(0.030)	ND(0.196)	ND(0.11)	ND(0.029)	5.5	ND(0.051)	ND(0.042)	ND(0.10)
	04/25/2014	ND(0.10)	ND(0.45)	ND(0.021)	ND(0.030)	ND(0.196)	ND(0.11)	ND(0.029)	ND(0.53)	ND(0.051)	ND(0.042)	ND(0.10)
	06/02/2014	0.88 J	ND(0.045)	ND(0.021)	ND(0.030)	0.88 J	ND(0.11)	ND(0.029)	ND(0.53)	ND(0.051)	ND(0.042)	ND(0.10)
	07/29/2014	ND(0.76)	ND(0.71)	ND(0.24)	ND(0.46)	ND (0.217)	ND(0.056)	ND(0.050)	ND(0.54)	ND(0.031)	ND(0.031)	ND(0.048)
	09/02/2014	ND(0.028)	ND(0.071)	ND(0.024)	ND(0.046)	ND (0.217)	ND(0.056)	ND(0.050)	ND(0.54)	ND(0.031)	ND(0.031)	ND(0.048)
	09/23/2014	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	ND (0.54)	ND (0.031)	ND (0.031)	ND (0.048)
	10/28/2014	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	ND (0.54)	ND (0.031)	ND (0.031)	ND (0.048)
	11/25/2014	ND(0.028)	ND(0.071)	ND(0.024)	ND(0.046)	ND (0.217)	ND(0.056)	ND(0.050)	1.1 J	ND (0.031)	ND (0.031)	ND (0.048)
	12/11/2014	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	0.099J	ND(0.050)	1.3 J	ND (0.031)	ND (0.031)	ND (0.048)
	01/16/2015	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	1.9 J	ND (0.031)	ND (0.031)	ND (0.048)
	02/11/2015	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	2.0 J	ND (0.031)	ND (0.031)	ND (0.048)
	03/31/2015	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	ND (0.54)	ND (0.031)	ND (0.031)	ND (0.048)
	04/27/2015	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	ND (0.54)	ND (0.031)	ND (0.031)	ND (0.048)
	05/28/2015	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	ND (0.54)	ND (0.031)	ND (0.031)	ND (0.048)
	06/26/2015	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	ND (0.54)	ND (0.031)	ND (0.031)	ND (0.048)
	07/30/2015	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	ND (0.89)	ND (0.038)	ND (0.025)	ND (0.099)
	08/27/2015	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	ND (0.89)	ND (0.038)	ND (0.025)	ND (0.099)
	09/29/2015	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	ND (0.89)	ND (0.038)	ND (0.025)	ND (0.099)
	10/14/2015	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	ND (0.89)	ND (0.038)	ND (0.025)	ND (0.099)
	11/24/2015	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	1.3 J	ND (0.038)	ND (0.025)	ND (0.099)
	12/15/2015	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	ND (0.89)	ND (0.038)	ND (0.025)	ND (0.099)
	01/21/2016	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	ND (0.89)	ND (0.038)	ND (0.025)	ND (0.099)
	02/05/2016	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	ND (0.89)	ND (0.038)	ND (0.025)	ND (0.099)
	03/23/2016	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	1.7 J	ND (0.038)	ND (0.025)	ND (0.099)

TABLE 4
POET SYSTEM SAMPLING LABORATORY ANALYTICAL RESULTS
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Sample Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MDE Clean-up Standards for Type I and II Aquifers		5	1,000	700	10,000	NA	20	0.65	NA	NA	NA	NA
EFFLUENT	09/06/2012	ND (0.047)	ND (0.079)	ND (0.14)	ND (0.12)	ND(0.386)	ND(0.068)	ND(0.060)	ND(2.4)	ND(0.062)	ND(0.064)	ND(0.050)
	10/04/2012	ND (0.047)	ND (0.079)	ND (0.14)	ND (0.12)	ND(0.386)	ND(0.068)	ND(0.060)	ND(2.4)	ND(0.062)	ND(0.064)	ND(0.050)
	11/01/2012	ND (0.047)	ND (0.079)	ND (0.14)	ND (0.12)	ND(0.386)	ND(0.068)	ND(0.060)	ND(2.4)	ND(0.062)	ND(0.064)	ND(0.050)
	12/19/2012	ND (0.047)	ND (0.079)	ND (0.14)	ND (0.12)	ND(0.386)	ND(0.068)	ND(0.060)	ND(2.4)	ND(0.062)	ND(0.064)	ND(0.050)
	01/25/2013	ND (0.047)	ND (0.079)	ND (0.14)	ND (0.12)	ND(0.386)	ND (0.068)	ND (0.060)	ND (2.4)	ND (0.062)	ND (0.064)	ND (0.050)
	02/21/2013	ND (0.047)	ND (0.079)	ND (0.14)	ND (0.12)	ND(0.386)	ND (0.068)	ND (0.060)	ND (2.4)	ND (0.062)	ND (0.064)	ND (0.050)
	03/13/2013	ND (0.047)	0.14 J	ND (0.14)	ND (0.12)	0.14 J	ND (0.068)	ND (0.060)	ND (2.4)	ND (0.062)	ND (0.064)	ND (0.050)
	04/02/2013	ND (0.047)	ND (0.079)	ND (0.14)	ND (0.12)	ND(0.386)	ND (0.068)	ND (0.060)	ND (2.4)	ND (0.062)	ND (0.064)	ND (0.050)
	05/14/2013	ND (0.047)	ND (0.079)	ND (0.14)	ND (0.12)	ND(0.386)	ND (0.068)	ND (0.060)	ND (2.4)	ND (0.062)	ND (0.064)	ND (0.050)
	06/13/2013	ND (0.047)	ND (0.079)	ND (0.14)	ND (0.12)	ND(0.386)	ND (0.068)	ND (0.060)	ND (2.4)	ND (0.062)	ND (0.064)	ND (0.050)
	06/13/2013	ND (0.047)	ND (0.079)	ND (0.14)	ND (0.12)	ND(0.386)	ND (0.068)	ND (0.060)	ND (2.4)	ND (0.062)	ND (0.064)	ND (0.050)
	09/16/2013	ND (0.10)	ND (0.045)	ND (0.021)	ND (0.030)	ND(0.196)	ND (0.11)	ND (0.029)	-	-	-	-
	12/06/2013	ND(0.10)	ND(0.045)	ND(0.021)	ND(0.030)	ND(0.196)	ND(0.11)	ND(0.029)	ND(0.53)	ND(0.051)	ND(0.042)	ND(0.10)
	02/25/2014	ND(0.10)	ND(0.45)	ND(0.021)	ND(0.030)	ND(0.196)	ND(0.11)	ND(0.029)	ND(0.53)	ND(0.051)	ND(0.042)	ND(0.10)
	03/13/2014	ND(0.10)	ND(0.45)	ND(0.021)	ND(0.030)	ND(0.196)	ND(0.11)	ND(0.029)	ND(0.53)	ND(0.051)	ND(0.042)	ND(0.10)
	04/25/2014	ND(0.10)	ND(0.45)	ND(0.021)	ND(0.030)	ND(0.196)	ND(0.11)	ND(0.029)	ND(0.53)	ND(0.051)	ND(0.042)	ND(0.10)
	06/02/2014	0.88 J	ND(0.045)	ND(0.021)	ND(0.030)	ND(0.196)	ND(0.11)	ND(0.029)	ND(0.53)	ND(0.051)	ND(0.042)	ND(0.10)
	07/29/2014	ND(0.76)	ND(0.71)	ND(0.24)	ND(0.46)	ND (0.217)	ND(0.056)	ND(0.050)	ND(0.54)	ND(0.031)	ND(0.031)	ND(0.048)
	09/02/2014	ND(0.028)	ND(0.071)	ND(0.024)	ND(0.046)	ND (0.217)	ND(0.056)	ND(0.050)	ND(0.54)	ND(0.031)	ND(0.031)	ND(0.048)
	09/23/2014	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	ND (0.54)	ND (0.031)	ND (0.031)	ND (0.048)
	10/28/2014	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	ND (0.54)	ND (0.031)	ND (0.031)	ND (0.048)
	11/25/2014	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	ND (0.54)	ND (0.031)	ND (0.031)	ND (0.048)
	12/11/2014	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	ND (0.54)	ND (0.031)	ND (0.031)	ND (0.048)
	01/16/2015	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	2.9 J	ND (0.031)	ND (0.031)	ND (0.048)
	02/11/2015	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	1.4 J	ND (0.031)	ND (0.031)	ND (0.048)
	03/31/2015	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	ND (0.54)	ND (0.031)	ND (0.031)	ND (0.048)
	04/27/2015	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	ND (0.54)	ND (0.031)	ND (0.031)	ND (0.048)
	05/28/2015	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	1.4 J	ND (0.031)	ND (0.031)	ND (0.048)
	06/26/2015	ND (0.028)	ND (0.071)	ND (0.024)	ND (0.046)	ND (0.217)	ND (0.056)	ND (0.050)	ND (0.54)	ND (0.031)	ND (0.031)	ND (0.048)
	07/30/2015	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	ND (0.89)	ND (0.038)	ND (0.025)	ND (0.099)
	08/27/2015	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	ND (0.89)	ND (0.038)	ND (0.025)	ND (0.099)
	09/29/2015	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	ND (0.89)	ND (0.038)	ND (0.025)	ND (0.099)
	10/14/2015	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	ND (0.89)	ND (0.038)	ND (0.025)	ND (0.099)
	11/24/2015	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	1.1 J	ND (0.038)	ND (0.025)	ND (0.099)
	12/15/2015	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	ND (0.89)	ND (0.038)	ND (0.025)	ND (0.099)
	01/21/2016	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	ND (0.89)	ND (0.038)	ND (0.025)	ND (0.099)
	02/05/2016	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	ND (0.89)	ND (0.038)	ND (0.025)	ND (0.099)
	03/23/2016	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	1.6 J	ND (0.038)	ND (0.025)	ND (0.099)

Sampling Location Descriptions:

INFLUENT = Sample collected prior to the treatment system at the bladder tank.
MID 2 = Sample collected after two water softeners and second carbon vessel of treatment system from sampling port.
EFFLUENT = Collected after the last carbon unit from sampling port.

Notes:

BTEX = Benzene, toluene, ethylbenzene, xylenes
MTBE = Methyl tert-Butyl Ether
DIPE = Diisopropyl Ether
ETBE = Ethyl tert-Butyl Ether
TAME = tert-Amyl Methyl Ether
TBA = tert-Butyl Alcohol

ND = Not detected
ND<# = The analyte was not detected, the reporting limit is given
µg/l = micrograms per liter
J = Estimated Concentration
MDE = Maryland Department of the Environment
NA = Not Analyzed

N = Presumptive evidence of a compound

TABLE 5
POTABLE DRINKING WATER WELL SUMMARY TABLE
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Well Permit Number	Address	Depth of grout (ft)	Total Well Depth (ft)	Pumping Rate (gpm)	Water bearing Zones (ft)	Sample date	Benzene (µg/L)	MTBE (µg/L)
HA-88-1075	1 Meadow Springs Drive	40	175	20	0-38, 53-56	9/6/2012	40.4	417
						10/4/2012	46.8	561
						11/1/2012	46.4	619
						12/19/2012	57.7	511
						1/25/2013	45	526
						2/21/2013	32.8	609
						3/13/2013	30.8	507
						4/2/2013	17.5	443
						5/14/2013	19.7	441
						6/13/2013	28.6	652
						9/16/2013	31.9	355
						12/6/2013	39.8	384
						2/25/2014	22.9	556
						3/13/2014	13.3	536
						4/25/2014	10.4	423
						6/2/2014	10.9	324
						7/29/2014	8.6	5
						9/2/2014	19.7	288
						9/23/2014	24.9	404
						10/28/2014	25.2	307
						11/25/2014	ND	127
						12/11/2014	22.5	485
						01/16/2015	15.2	413
						02/11/2015	15.7	300
						03/31/2015	ND	101
						04/27/2015	ND	219
						05/28/2015	ND	200
						06/26/2015	ND	197
						07/30/2015	ND	229
						08/27/2015	ND	203
						09/29/2015	ND	220
						10/14/2015	1.3	212
						11/24/2015	0.61	220
						12/15/2015	17.1	279
						01/21/2016	5	303
						02/05/2016	10.9	265
						03/23/2016	6.4	185
HA-88-1314	3 Meadow Springs Drive	70	200	11	4-70, 82-86, 90-92, 171-182, 191-194	7/10/2012	ND	ND
						3/13/2013	-	-
						9/12/2013	-	-
						3/12/2014	ND	0.21J
						9/2/2014	ND	0.43 J
						3/31/2015	ND	0.41 J
						9/4/2015	ND	0.29 J
						3/23/2016	ND	0.31 J
HA-88-1147	5 Meadow Springs Drive	64	200	28	16-38, 57-73, 171-179	8/27/2012	ND	0.25J
						3/13/2013	-	-
						9/12/2013	ND	0.33J
						3/12/2014	ND	0.30J
						9/2/2014	ND	0.31 J
						3/25/2015	ND	0.31 J
						9/4/2015	ND	0.25 J
						3/23/2016	ND	0.32 J

TABLE 5
POTABLE DRINKING WATER WELL SUMMARY TABLE
FORMER BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Well Permit Number	Address	Depth of grout (ft)	Total Well Depth (ft)	Pumping Rate (gpm)	Water bearing Zones (ft)	Sample date	Benzene (µg/L)	MTBE (µg/L)
HA-88-1076	7 Meadow Springs Drive	50	200	20	0-42, 60-72, 74-82	10/16/2012	ND	0.18
						3/13/2013	ND	0.14J
						9/12/2013	ND	0.19J
						3/12/2014	ND	0.17J
						9/2/2014	ND	0.17 J
						3/25/2015	ND	0.14 J
						9/4/2015	ND	0.11 J
						3/23/2016	ND	ND
HA-88-1315	9 Meadow Springs Drive	60	200	13	4-54, 62-64, 71-73	10/16/2012	ND	0.26
						3/13/2013	ND	0.21J
						9/12/2013	ND	0.27J
						3/12/2014	ND	0.24J
						9/2/2014	ND	0.26 J
						3/25/2015	ND	0.24 J
						9/4/2015	ND	0.25 J
						3/23/2016	ND	0.34 J
HA-88-1077	10 Meadow Springs Drive	103	250	12	20-56, 71-79, 85-91, 104-105, 129-131, 137-250	10/16/2012	ND	0.19
						3/13/2013	ND	0.13J
						9/12/2013	ND	0.20J
						3/12/2014	ND	0.20J
						9/2/2014	ND	0.20 J
						3/31/2015	ND	0.18 J
						9/4/2015	ND	0.23 J
						3/23/2016	ND	0.30 J
HA-94-0597	2303 E. Churchville Rd	86	125	15	35-80, 80-125	8/27/2012	ND	0.64
						3/13/2013	ND	0.56
						9/12/2013	ND	0.55
						3/12/2014	ND	0.5
						9/2/2014	ND	0.57
						3/25/2015	ND	0.5
						9/4/2015	ND	0.44 J
						3/23/2016	ND	0.48 J
HA-94-1603	2319 E. Churchville Rd	70	300	3	8-68, 81-84, 219-221	9/6/2012	ND	0.48J
						9/12/2013	ND	0.43J
						9/2/2014	ND	0.41 J
						9/4/2015	ND	0.38 J
-	2317 E. Churchville Rd	-	-	-	-	9/6/2012	ND	0.69
						9/12/2013	ND	0.52
						9/2/2014	ND	0.43 J
						9/4/2015	ND	0.50
-	2401 A E. Churchville Rd	-	-	-	-	9/2/2014	ND	ND
						9/4/2015	ND	ND
-	2401 C E. Churchville Rd	-	-	-	-	9/2/2014	ND	0.087 J
						9/4/2015	ND	ND

Notes:
ft = Feet/foot ft = Feet/foot
gpm = Gallons per minute (
µg/L) = Micrograms/liter
- = Data not available from Harford County Health Department Access was not granted to BC for sample collection at 3 Meadow Springs Drive at the time of sampling
ND = Analyte was not detected, the method detection limit is given.

TABLE 6
REMEDIATION SYSTEM DATA TABLE
BEL AIR XTRA FUELS
BEL AIR, MARYLAND

DATE	SYSTEM OPERATION				HOUR METERS				WATER RECOVERY					EQUALIZATION TANK	
	Period	P&T Operating Days[1]	SVE Operating Days[2]	Operating P&T Wells	SVE Blower	Air Solonoid Valve	AS Blower	EQ Tank Pump	Influent Totalizer[3]	Effluent Totalizer	Average Flow Rate	Average Daily Rate	Cumulative Flow	Water Flow Rate	Pressure
	(days)	(days)	(days)	(RW wells)	(hours)	(hours)	(hours)	(hours)	gallons	(gallons)	(gpm)	(GPD)	(gallons)	(gpm)	(psi)
1/6/2015	8	5.4	5.5	10, 18,19, 20	11944	8,535	8924	3,670	-	915348	3.67	5288	1751446	12.6	40
1/29/2015	23	18	7	10, 18,19, 20	12124	8,967	9699	3,933	-	978463	2.43	3506	1814561	-	-
2/11/2015	13	2	0	10, 20	12124	9,010	9785	3,378	21263	985476	2.74	3951	1821574	0.0	0
2/25/2015	14	0	0	10, 20	12124	9,010	9785	3,378	21263	985476	0	0	1821574	0.0	0
3/25/2015	28	0	0	10, 20	12124	9,010	9785	3,378	21263	985476	0	0	1821574	0.0	0
3/31/2015	6	1.1	0	10,17,18	12124	9,037	10938	3,796	-	996,583	6.76	9,729	1,832,681	18.0	40
4/7/2015	7	4	0	10, 17, 18	12124	9,124	11103	3,827	25,532	100,852	0.82	1,179	1,836,950	17.4	40
4/27/2015	20	14	0	10, 17, 18	12124	9,471	11588	3,911	48,037	105,312	1.08	1,556	1,859,455	12.8	40
5/5/2015	8	1	0	10, 17, 18	12124	9,494	11781	3,914	50,094	105,804	1.51	2,175	1,861,512	13.8	40
5/18/2015	13	13	0.4	10, 17, 18	12132	9,832	12119	3,948	78,530	108,491	1.52	2,187	1,889,948	14.1	40
6/3/2015	16	14	13	10, 18, 20	12453	10,158	12479	4,104	118,620	113,203	2.05	2,949	1,930,038	18.0	40
6/25/2015	22	5.5	14	10, 18, 19, 20	12798	10,289	13000	4,152	151,223	116,806	4.14	5,969	1,962,641	17.5	40
7/8/2015	13	6	6	10, 18, 19, 20	12935	10,425	11103	4,208	190,027	157,172	4.76	6,848	2,001,445	15.8	40
7/17/2015	9	7	9	10, 17, 18	13150	10,593	11588	4,280	231,497	196,858	4.12	5,931	2,042,915	17.0	40
7/30/2015	13	13	13	10, 18, 20	13462	10,906	11588	4,353	269,302	234,920	2.01	2,897	2,080,720	17.0	40
8/13/2015	14	12	0	10, 18, 20	13462	11,196	11781	4,463	314,115	279,733	2.58	3,716	2,125,533	18.0	40
8/27/2015	14	13	0.0	10, 18, 20	13462	11,533	12119	4,552	366,145	331,651	2.78	4,002	2,177,563	10.7	40
9/11/2015	15	14	0	10, 18, 20	13462	11,867	12479	4,683	409,691	377,024	2.17	3,128	2,221,109	12.3	40
9/29/2015	18	13.6	0	10, 18, 20	13462	12,194	13000	4,750	446,522	415,062	1.88	2,702	2,257,940	12.0	40
10/14/2015	15	15	0	10, 18, 20	13462	12,556	15665	4,833	483,789	461,892	1.72	2,476	2,304,770	16.4	40
10/23/2015	9	6	0	10, 18, 20	13462	12,699	15888	4,864	497,783	479,862	2.08	2,999	2,322,740	17.1	40
11/5/2015	13	13	0	10, 12, 18	13462	13,006	16195	4,889	Replacement Flow Meter To Be Installed	506,072	1.42	2,051	2,348,950	17.0	40
11/24/2015	19	19	0	10, 12, 18	13462	13,461	16655	4,925		541,382	1.29	1,865	2,384,260	14.0	40
12/28/2015	34	29	34	10, 12, 18	14276	14,159	17471	4,999		598,622	1.37	1,966	2,441,500	13.5	40
1/21/2016	24	24	0	10, 12, 18	14276	14,731	18044	5,105	497,796	654,852	1.64	2,362	2,497,730	16.4	35
1/28/2016	7	7	7	10, 12, 18	14444	14,899	18213	5,131	505,867	676,652	2.16	3,114	2,519,530	17.1	40
2/5/2016	8	5	8	10, 12, 18	14634	15,020	18405	5,169	Piping Section to be Replaced	698,002	2.93	4,214	2,540,880	17.0	39
2/19/2016	14	14	14	10, 12, 18	14969	15,358	18743	5,213		732,222	1.69	2,433	2,575,100	14.0	39
3/7/2016	17	17	17	10, 12, 18	15373	15,762	19147	5,303		782,312	2.07	2,974	2,625,190	13.5	39
3/23/2016	16	15	15	10, 12, 18	15734	16,118	19535	5,442		835,972	2.51	3,614	2,678,850	13.5	40
Total/Average (1Q 2016)	**86**	**82**	**61**		**1,458**	**1,959**	**2,064**	**443**	**-**	**237,350**	**2.02**	**2,908**	**2,678,850**	**15.2**	**39**

Notes:
[1] P&T operating days are calculated using the air solonoid hour meter.
[2] SVE operating days are calculated using the SVE Blower hour meter.
[3] The influent totalizer used for flow determination. Effluent totalizer requires recalibration.
[4] The differential pressure indicator is used to determine the flow rate from the wells using the following formula:
Flow (Q) = $128.8*K*D2*\sqrt{((P*\Delta P)/((T+460)*SS))}$
K = 0.67 (3-inch pipe)
D = 3 inches
P = Pressure (- vacuum)
ΔP = Change in pressure (-Δ vacuum)
T = Temperature (deg. F)
S_S = 1
[5] The hydrocarbon recovery rate is determined using the PID reading and the following formula:
Pounds = VOC concentration (ppm) x MW (g/mol) / MV (mol/L)] x vapor flow rate (scfm) x c
MW = molecular weight, assumed at 100 grams/mol for gasoline
MV = molar volume, 22.4 at standard temperature and pressure (25 deg. Celsius, 1 atm)
c = conversion factors, 1440 min/day, 2.2E-6 lb/mg, 1 m3 /35.3 ft36
[6] Calculation of hydrocarbon recovery in pounds:
Pounds per day x number of operating days

LGAC: liquid granular activated carbon
gpm: gallons per minute
GPD: gallons per day
psi: pounds per square inch
scfm: standard cubic feet per minute
i.w.: inches of water
ppm-v: parts per million by volume
"Hg: inches of mercury
°F: degrees Fahrenheit
lbs/day: pounds per day
NR: Not Recorded
PID: Photoionization Detector
VOC: Volatile Organic Compound

TABLE 6
REMEDIATION SYSTEM DATA TABLE
BEL AIR XTRA FUELS
BEL AIR, MARYLAND

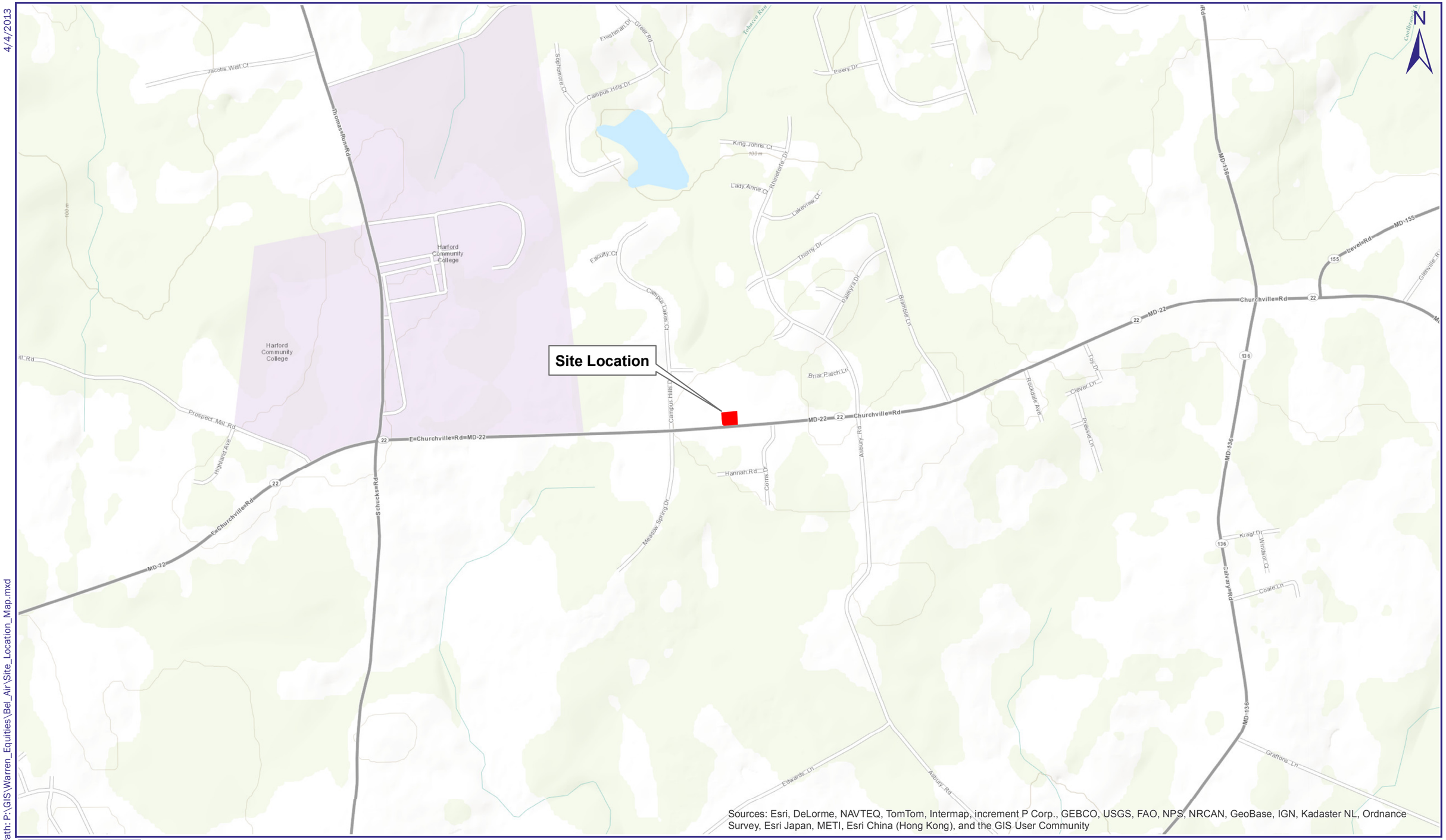
DATE	BAG FILTERS				LGACs			SVE SYSTEM									
	BF-1	BF-2	BF-3	BF-4	LGAC-1	LGAC-2	LGAC-3	Vacuum before VLS	Vacuum after VLS	Diff. Pres. (Filter)	Diff. Pres. (Flow)	Temperature	Calculate Air Flow From Wells[4]	Air Discharge Rate	PID Reading	Hydrocarbon Discharge Rate[5]	Cumulative Hydrocarbon Recovery[6]
	(psi)	(psi)	(psi)	(psi)	(psi)	(psi)	(psi)	("Hg)	("Hg)	(i.w.)	(i.w.)	°F	(scfm)	(scfm)	(ppm-v)	(lbs/day)	(pounds)
1/6/2015	24	22	22	22	10	4	Bypass	3.5	3.0	0.0	0.5	-	-	175	0.0	-	280.5
1/29/2015	-	-	-	-	-	-	Bypass	-	-	-	-	-	-	-	-	-	280.5
2/11/2015	-	-	-	-	-	-	Bypass	-	-	-	-	-	-	-	-	-	280.5
2/25/2015	-	-	-	-	-	-	Bypass	-	-	-	-	-	-	-	-	-	280.5
3/25/2015	-	-	-	-	-	-	Bypass	-	-	-	-	-	-	-	-	-	280.5
3/31/2015	28	27	28	27	18	12	Bypass	-	-	-	-	-	-	-	-	-	280.5
4/7/2015	27	26	27	26	16	12	Bypass	-	-	-	-	-	-	-	-	-	280.5
4/27/2015	25	25	25	25	15	12	Bypass	-	-	-	-	-	-	-	-	-	280.5
5/5/2015	25	25	25	25	Bypass	15	12	3.5	3	0	0.5	90.0	63	-	5.2	0.132	280.6
5/18/2015	30	28	30	28	Bypass	15	14	3.5	3	0	0.5	90.0	63	-	0.2	0.005	280.6
6/3/2015	30	30	30	30	Bypass	8	3	3	2	0	0.5	90.0	52	-	0.1	0.002	280.7
6/25/2015	30	28	30	28	Bypass	10	8	2.5	1.5	0	0.5	95.0	45	-	0.0	0.0	280.7
7/8/2015	30	28	30	28	Bypass	8	10	3	1	0	0.5	95	36	-	2.3	0.034	280.9
7/17/2015	33	30	33	30	Bypass	7	12	3	2	0	0.5	95	45	-	0.1	0.002	280.9
7/30/2015	33	30	33	30	Bypass	7	12	3	2	0	0.5	95	45	-	1.2	0.021	281.1
8/13/2015	36	34	36	34	Bypass	4	8	SVE SYSTEM TURNED OFF DUE TO KNOCK-OUT TANK LEAK; AWAITING REPLACEMENT KNOCK-OUT TANK BEFORE RESTARTING TO PREVENT SYSTEM ENCLOSURE FLOODING									281.1
8/27/2015	35	34	35	34	Bypass	11	28										281.1
9/11/2015	36	34	36	34	Bypass	9	21	-	-	-	-	-	-	-	-	-	281.1
9/29/2015	35	34	35	34	Bypass	10	25	-	-	-	-	-	-	-	-	-	281.1
10/14/2015	34	32	34	32	Bypass	8	22	-	-	-	-	-	-	-	-	-	281.1
10/23/2015	33	31	33	31	24	12	Bypass	-	-	-	-	-	-	-	-	-	281.1
11/5/2015	34	33	34	33	15	9	Bypass	-	-	-	-	-	-	-	-	-	281.1
11/24/2015	34	33	34	33	14	8	Bypass	2	1	0	1	90	37	-	1.3	0.019	281.8
12/28/2015	30	28	30	28	18	4	Bypass	SVE SYSTEM TURNED OFF DUE TO BROKEN MOTOR BELT; REPLACEMENT BELT TO BE INSTALLED JANUARY 2015 AND SVE SYSTEM RESTARTED									281.8
1/21/2016	30	28	30	28	22	14	Bypass	3	1	0	1.6	95	46	-	-	-	281.8
1/28/2016	30	29	30	27	-	-	Bypass	2	1	0	1.6	95	65	-	0.8	0.021	281.9
2/5/2016	30	29	30	29	-	-	Bypass	3	1	0	1.5	80	64	-	0.2	0.005	282.0
2/19/2016	35	31	34	32	-	-	Bypass	2	2	0	1	75	68	-	0.0	0.000	282.0
3/7/2016	37	35	35	35	-	-	Bypass	1	2	0	1	81	47	-	0.1	0.002	282.0
3/23/2016	30	29	30	29	-	-	Bypass	2	2	0	1	80	45	-	0.2	0.004	282.1
Total/Average (1Q 2016)												**90.0**	**36.6**		**0.3**	**0.006**	**282.1**

Notes:
[1] P&T operating days are calculated using the air solonoid hour meter.
[2] SVE operating days are calculated using the SVE Blower hour meter.
[3] The effluent totalizer is used for flow determination.
[4] The differential pressure indicator is used to determine the flow rate from the wells using the following formula:
Flow (Q) = 128.8*K*D2* √((P*ΔP)/((T+460)*SS))
K = 0.67 (3-inch pipe)
D = 3 inches
P = Pressure (- vacuum)
ΔP = Change in pressure (-Δ vacuum)
T = Temperature (deg. F)
S_S = 1
[5] The hydrocarbon recovery rate is determined using the PID reading and the following formula:
Pounds = VOC concentration (ppm) x MW (g/mol) / MV (mol/L)] x vapor flow rate (scfm) x c
MW = molecular weight, assumed at 100 grams/mol for gasoline
MV = molar volume, 22.4 at standard temperature and pressure (25 deg. Celsius, 1 atm)
c = conversion factors, 1440 min/day, 2.2E-6 lb/mg, 1 m3 /35.3 ft36
[6] Calculation of hydrocarbon recovery in pounds:
Pounds per day x number of operating days

LGAC: liquid granular activated carbon
gpm: gallons per minute
GPD: gallons per day
psi: pounds per square inch
scfm: standard cubic feet per minute
i.w.: inches of water
ppm-v: parts per million by volume
"Hg: inches of mercury
°F: degrees Fahrenheit
lbs/day: pounds per day
NR: Not Recorded
PID: Photoionization Detector
VOC: Volatile Organic Compound

Figures

4/4/2013



Author: cmeyn Path: P:\GIS\Warren_Equities\Bel_Air\Site_Location_Map.mxd

Brown AND Caldwell

FIGURE 1
SITE LOCATION MAP
BEL AIR XTRA FUELS, 2476 CHURCHVILLE ROAD, BEL AIR MARYLAND

0 1,000 2,000
Feet

4/4/2013

Author: cmeyn Path: P:\GIS\Warren_Equities\Bel_Air\Half_Mile_Radius.mxd

Brown AND Caldwell

FIGURE 2
ONE HALF MILE RADIUS MAP
BEL AIR XTRA FUELS, 2476 CHURCHVILLE ROAD, BEL AIR MARYLAND

0 600 1,200
Feet

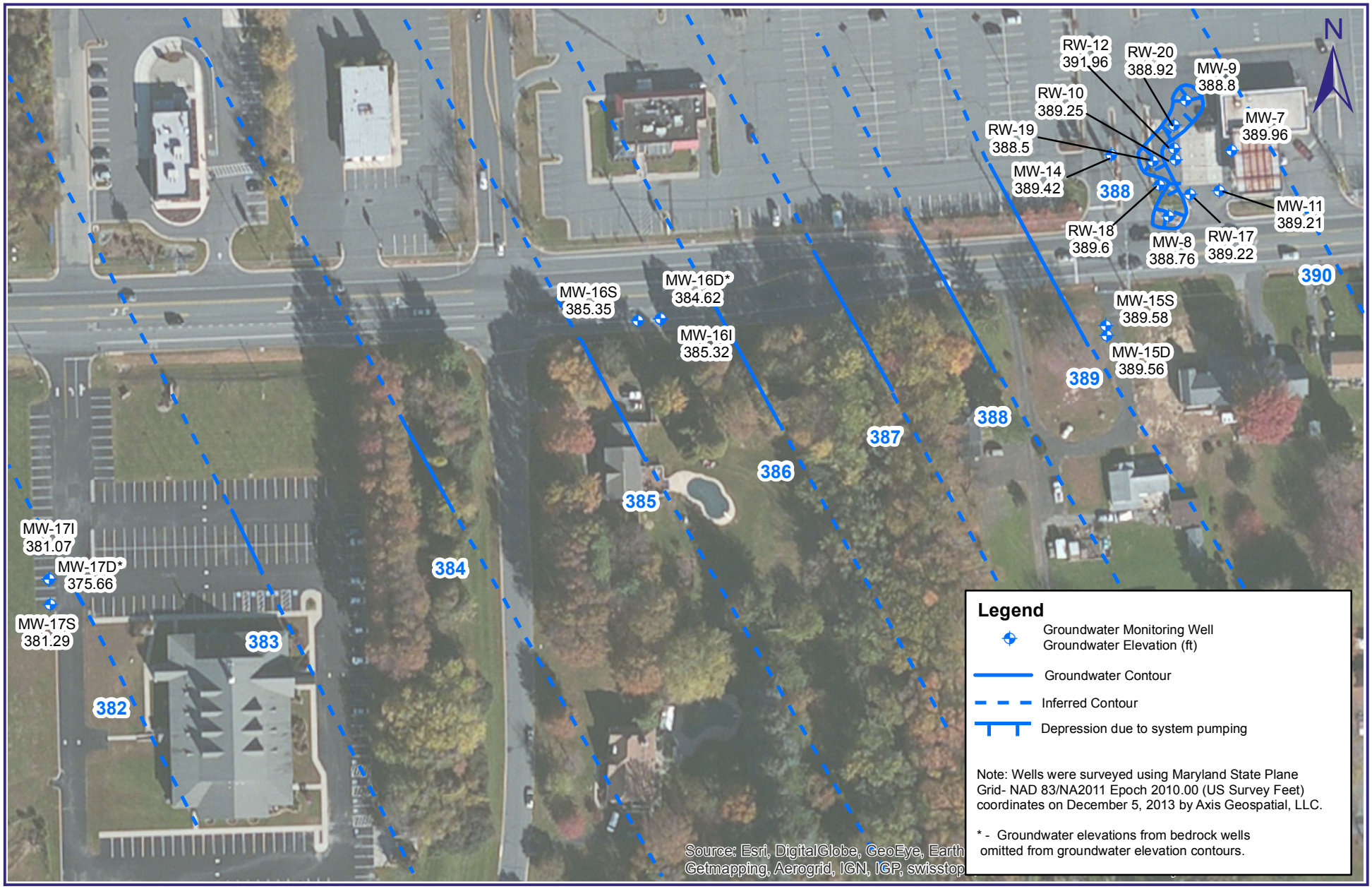
1/15/2016

Author: elmiller Path: P:\GIS\Warren_Equities\Bel_Air\Bel_Air_Site_Map.mxd

Brown AND Caldwell

Figure 3. Site Map
Bel Air Xtra Fuels
2476 Churchville Road, Bel Air, Maryland

0 50 100
Feet



4/7/2016

Author: sdoliber Path: P:\GIS\Warren_Equities\Bel_Air\Bel_Air_GWE_2016_03_21.mxd

Figure 4
Groundwater Contour Map, March 21, 2016
Bel Air Xtra Fuels
2476 Churchville Rd, Bel Air, Maryland

Source Citation

0 60 120

Feet

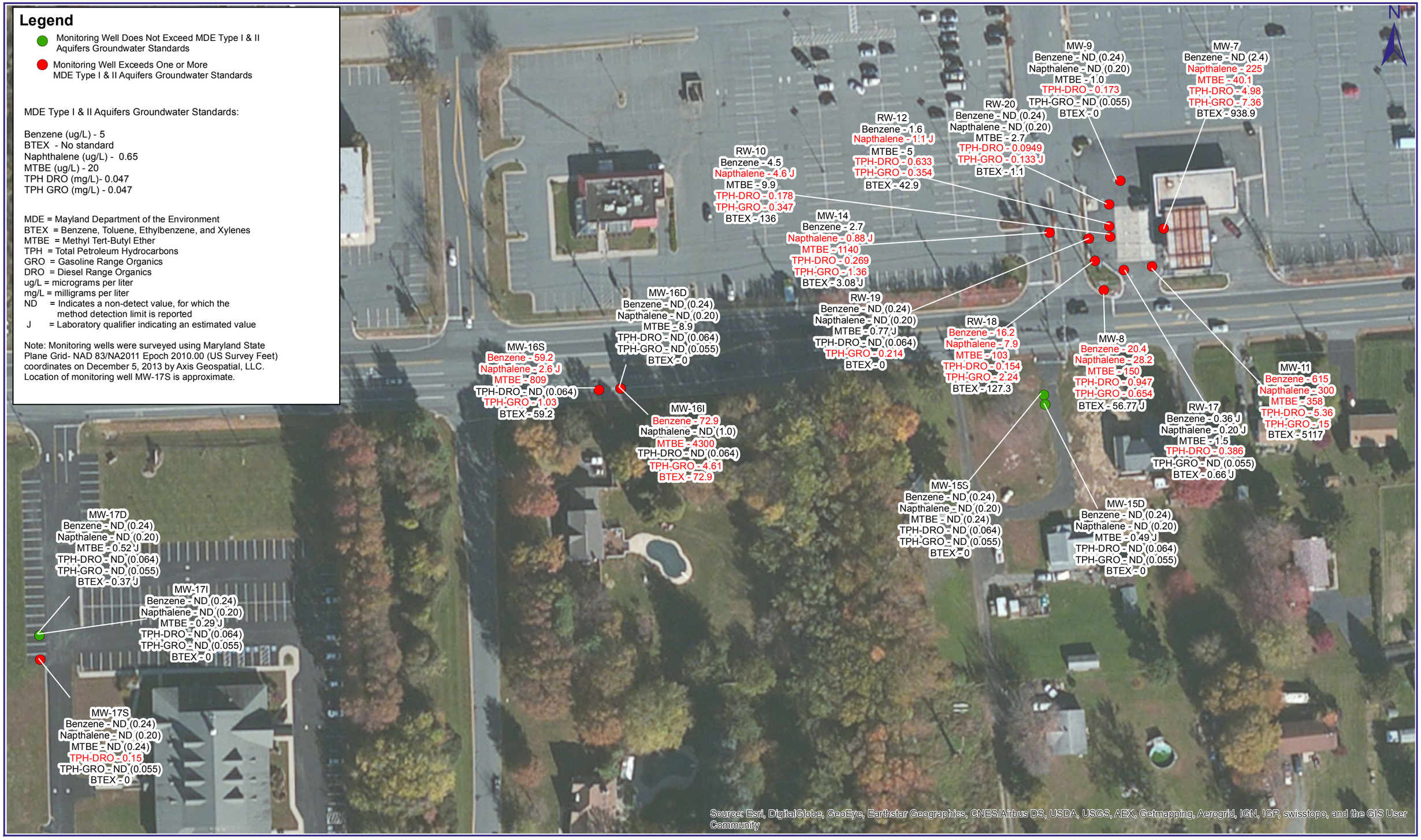


Figure 5
Groundwater Results, March 21- 23, 2016
Bel Air Xtra Fuels
2476 Churchville Rd, Bel Air, Maryland

4/7/2016

Author: sdoliber Path: P:\GIS\Warren_Equities\Bel_Air\Bel_Air_Lit_GW_results_March2016.mxd

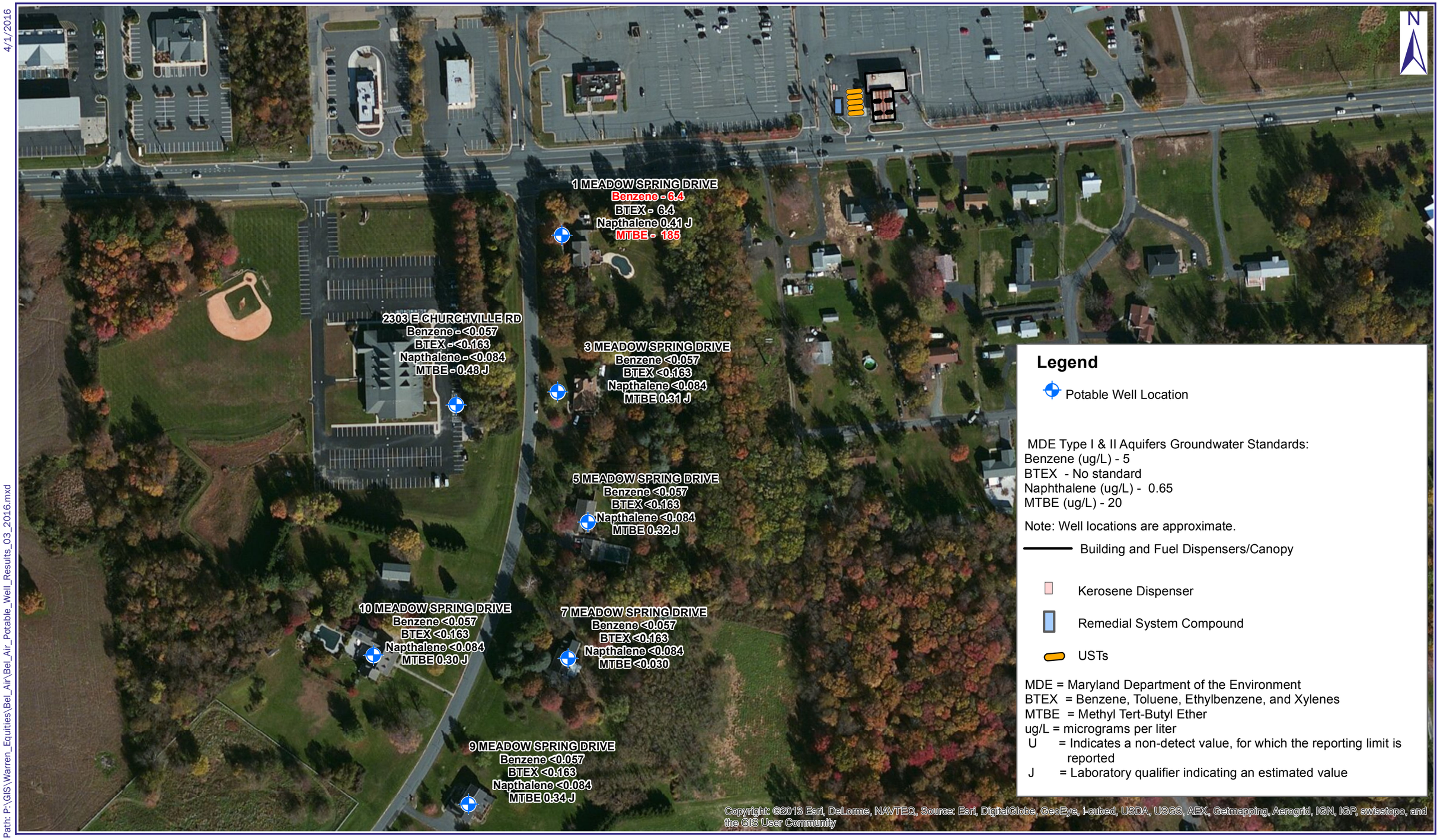


Figure 6 - Potable Drinking Water Results Map, March 23 2016
Bel Air Xtra Fuels
2476 Churchville Road, Bel Air, Maryland

0 80 160
Feet

4/1/2016

Author: elmiller Path: P:\GIS\Warren_Equities\Bel_Air\Bel_Air_Potable_Well_Results_03_2016.mxd

Appendix A: Full Laboratory Analytical Reports

New Jersey
ACCUTEST LABORATORIES

01/28/16

Effective January 1, 2016, SGS has acquired all of the assets of Accutest Laboratories and will continue to operate as SGS-Accutest. SGS-Accutest is part of SGS, the world's leading inspection, verification, testing and certification company.

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

146282.003

Accutest Job Number: JC13159

Sampling Date: 01/21/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: **14**

NELAP ACCREDITED TNI LABORATORY

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy T. Cole
Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC13159-1: SYS-EFF-20160121 6
3.2: JC13159-2: SYS-INF-20160121 9
Section 4: Misc. Forms **12**
4.1: Chain of Custody 13

Accutest Laboratories

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC13159

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 146282.003

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC13159-1	01/21/16	08:40	BG	01/22/16	AQ	Effluent	SYS-EFF-20160121
JC13159-2	01/21/16	08:45	BG	01/22/16	AQ	Influent	SYS-INF-20160121

Summary of Hits

Job Number: JC13159
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 01/21/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC13159-1	**SYS-EFF-20160121**					
Methyl Tert Butyl Ether		1.0	1.0	0.24	ug/l	SW846 8260C
Tert Butyl Alcohol		187	10	2.8	ug/l	SW846 8260C
JC13159-2	**SYS-INF-20160121**					
Benzene		58.6	0.50	0.24	ug/l	SW846 8260C
Toluene		258	10	1.6	ug/l	SW846 8260C
Ethylbenzene		84.7	1.0	0.27	ug/l	SW846 8260C
Xylene (total)		803	10	1.7	ug/l	SW846 8260C
Methyl Tert Butyl Ether		158	1.0	0.24	ug/l	SW846 8260C
Tert Butyl Alcohol		999	10	2.8	ug/l	SW846 8260C
Naphthalene		43.7	5.0	0.20	ug/l	SW846 8260C
Di-Isopropyl ether		3.7	2.0	0.26	ug/l	SW846 8260C
tert-Amyl Methyl Ether		9.3	2.0	0.19	ug/l	SW846 8260C
TPH-GRO (C6-C10)		2.80	0.20	0.055	mg/l	SW846 8015C
TPH-DRO (C10-C28)		1.81	0.076	0.058	mg/l	SW846 8015C

New Jersey

ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SYS-EFF-20160121		
Lab Sample ID:	JC13159-1	**Date Sampled:**	01/21/16
Matrix:	AQ - Effluent	**Date Received:**	01/22/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A219759.D	1	01/27/16	NH	n/a	n/a	VA8322
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, TBA, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.0	1.0	0.24	ug/l	
75-65-0	Tert Butyl Alcohol	187	10	2.8	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		76-120%
17060-07-0	1,2-Dichloroethane-D4	104%		73-122%
2037-26-5	Toluene-D8	96%		84-119%
460-00-4	4-Bromofluorobenzene	102%		78-117%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160121		
Lab Sample ID:	JC13159-1	**Date Sampled:**	01/21/16
Matrix:	AQ - Effluent	**Date Received:**	01/22/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV127948.D	1	01/25/16	WO	n/a	n/a	GUV5137
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	96%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160121		
Lab Sample ID:	JC13159-1	**Date Sampled:**	01/21/16
Matrix:	AQ - Effluent	**Date Received:**	01/22/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y74181.D	1	01/26/16	TL	01/25/16	OP90738	G2Y2880
Run #2							

	Initial Volume	Final Volume
Run #1	330 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.076	0.058	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	110%		36-144%
16416-32-3	Tetracosane-d50	113%		32-138%
438-22-2	5a-Androstane	112%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160121		
Lab Sample ID:	JC13159-2	**Date Sampled:**	01/21/16
Matrix:	AQ - Influent	**Date Received:**	01/22/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A219763.D	1	01/27/16	NH	n/a	n/a	VA8322
Run #2	A219764.D	10	01/27/16	NH	n/a	n/a	VA8322

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, TBA, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	58.6	0.50	0.24	ug/l	
108-88-3	Toluene	258 [a]	10	1.6	ug/l	
100-41-4	Ethylbenzene	84.7	1.0	0.27	ug/l	
1330-20-7	Xylene (total)	803 [a]	10	1.7	ug/l	
1634-04-4	Methyl Tert Butyl Ether	158	1.0	0.24	ug/l	
75-65-0	Tert Butyl Alcohol	999	10	2.8	ug/l	
91-20-3	Naphthalene	43.7	5.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	3.7	2.0	0.26	ug/l	
994-05-8	tert-Amyl Methyl Ether	9.3	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%	105%	76-120%
17060-07-0	1,2-Dichloroethane-D4	106%	104%	73-122%
2037-26-5	Toluene-D8	101%	98%	84-119%
460-00-4	4-Bromofluorobenzene	102%	102%	78-117%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160121		
Lab Sample ID:	JC13159-2	**Date Sampled:**	01/21/16
Matrix:	AQ - Influent	**Date Received:**	01/22/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV127949.D	1	01/25/16	WO	n/a	n/a	GUV5137
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	2.80	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	101%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160121		
Lab Sample ID:	JC13159-2	**Date Sampled:**	01/21/16
Matrix:	AQ - Influent	**Date Received:**	01/22/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y74184.D	1	01/27/16	TL	01/25/16	OP90738	G2Y2880
Run #2							

	Initial Volume	Final Volume
Run #1	330 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	1.81	0.076	0.058	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	115%		36-144%
16416-32-3	Tetracosane-d50	116%		32-138%
438-22-2	5a-Androstane	113%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

New Jersey
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Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

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GW

CHAIN OF CUSTODY

PAGE 1 OF 1

2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: JC13159

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 866 221 Quinebaug Road
City / State / Zip: North Grosvenordale CT 6255
Project Contact: Jen Kugler
E-mail: jmkugler@brwncald.com
Phone #: 856-330-9410
Fax #:
Sampler(s) Name(s): Brendan Quinn
Phone #: 215-985-1778

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City / State: Bel Air MD
Project #: 146282.003
Client Purchase Order #: #007805
Project Manager: Jen Kugler

Billing Information (If different from Report to)
Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOCs + Oxygenates(BTEX, MTBE, TBA, Naphthalene)	TPH GRO (8015B)	TPH DRO (8015B)	LAB USE ONLY
1	SYS-EFF-20160121	✓	1/21/16	0840	BQ	GW	7	7								X	X	X	E27
2	SYS-INF-20160121	✓	1/21/16	0845	BQ	GW	7	7								X	X	X	V359

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [x] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WEI contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

*2 x 300 ml DRO (N) 1/22/16
INITIAL ASESSMENT 2A-2B
LABEL VERIFICATION JR

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Brendan Quinn	1-22-16	1	2	1-22-16 1625	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # 444 [ ] Intact [ ] Not intact	Preserved where applicable [ ]	On Ice [x] Cooler Temp. 0.8

4.1
4

JC13159: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JC13159 **Client:** **Project:**

Date / Time Received: 1/22/2016 4:25:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (0.8);

Cooler Temps (Corrected) °C: Cooler 1: (1.2);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

4.1

4

JC13159: Chain of Custody

Page 2 of 2

New Jersey
ACCUTEST LABORATORIES

01/29/16

Effective January 1, 2016, SGS has acquired all of the assets of Accutest Laboratories and will continue to operate as SGS-Accutest. SGS-Accutest is part of SGS, the world's leading inspection, verification, testing and certification company.

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

147683/PO-PC#007805

Accutest Job Number: JC13160

Sampling Date: 01/21/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: **17**

NELAP ACCREDITED TNI LABORATORY

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC13160-1: POET-POST-20160121 6
3.2: JC13160-2: POET-MID2-20160121 9
3.3: JC13160-3: POET-PRE-20160121 12
Section 4: Misc. Forms **15**
4.1: Chain of Custody 16

Accutest Laboratories

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC13160

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 147683/PO-PC#007805

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC13160-1	01/21/16	07:30	BG	01/22/16	DW	Drinking Water	POET-POST-20160121
JC13160-2	01/21/16	07:40	BG	01/22/16	DW	Drinking Water	POET-MID2-20160121
JC13160-3	01/21/16	07:50	BG	01/22/16	DW	Drinking Water	POET-PRE-20160121

Summary of Hits

Job Number: JC13160
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 01/21/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC13160-1	**POET-POST-20160121**					
Carbon disulfide		0.16 J	0.50	0.028	ug/l	EPA 524.2 REV 4.1
JC13160-2	**POET-MID2-20160121**					
Carbon disulfide		0.16 J	0.50	0.028	ug/l	EPA 524.2 REV 4.1
JC13160-3	**POET-PRE-20160121**					
Benzene		5.0	0.50	0.057	ug/l	EPA 524.2 REV 4.1
Di-Isopropyl ether		0.72	0.50	0.038	ug/l	EPA 524.2 REV 4.1
Ethyl tert Butyl Ether		0.24 J	0.50	0.025	ug/l	EPA 524.2 REV 4.1
Isopropylbenzene		0.11 J	0.50	0.054	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		303	5.0	0.30	ug/l	EPA 524.2 REV 4.1
Naphthalene		0.19 J	0.50	0.084	ug/l	EPA 524.2 REV 4.1
tert-Amyl Methyl Ether		6.4	0.50	0.099	ug/l	EPA 524.2 REV 4.1
1,2,4-Trimethylbenzene		0.15 J	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		99.4	5.0	0.89	ug/l	EPA 524.2 REV 4.1
o-Xylene		0.11 J	0.50	0.029	ug/l	EPA 524.2 REV 4.1
Xylenes (total)		0.11 J	0.50	0.029	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		1.5 J			ug/l	

New Jersey

ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	POET-POST-20160121		
Lab Sample ID:	JC13160-1	**Date Sampled:**	01/21/16
Matrix:	DW - Drinking Water	**Date Received:**	01/22/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B101762.D	1	01/25/16	MD	n/a	n/a	V1B4820
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	0.16		0.50	0.028	ug/l	J
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-POST-20160121		
Lab Sample ID:	JC13160-1	**Date Sampled:**	01/21/16
Matrix:	DW - Drinking Water	**Date Received:**	01/22/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.030	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-POST-20160121		
Lab Sample ID:	JC13160-1	**Date Sampled:**	01/21/16
Matrix:	DW - Drinking Water	**Date Received:**	01/22/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	95%		78-114%
460-00-4	4-Bromofluorobenzene	95%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-MID2-20160121		
Lab Sample ID:	JC13160-2	**Date Sampled:**	01/21/16
Matrix:	DW - Drinking Water	**Date Received:**	01/22/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B101763.D	1	01/25/16	MD	n/a	n/a	V1B4820
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	0.16		0.50	0.028	ug/l	J
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-MID2-20160121		
Lab Sample ID:	JC13160-2	**Date Sampled:**	01/21/16
Matrix:	DW - Drinking Water	**Date Received:**	01/22/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.030	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-MID2-20160121		
Lab Sample ID:	JC13160-2	**Date Sampled:**	01/21/16
Matrix:	DW - Drinking Water	**Date Received:**	01/22/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	93%		78-114%
460-00-4	4-Bromofluorobenzene	95%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-PRE-20160121		
Lab Sample ID:	JC13160-3	**Date Sampled:**	01/21/16
Matrix:	DW - Drinking Water	**Date Received:**	01/22/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B101764.D	1	01/25/16	MD	n/a	n/a	V1B4820
Run #2	1B101809.D	10	01/28/16	MD	n/a	n/a	V1B4824

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	5.0	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-PRE-20160121		
Lab Sample ID:	JC13160-3	**Date Sampled:**	01/21/16
Matrix:	DW - Drinking Water	**Date Received:**	01/22/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	0.72		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	0.24		0.50	0.025	ug/l	J
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	0.11		0.50	0.054	ug/l	J
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	303 [a]		5.0	0.30	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	0.19		0.50	0.084	ug/l	J
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	6.4		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.15		0.50	0.031	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	99.4		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	0.11		0.50	0.029	ug/l	J
1330-20-7	Xylenes (total)	0.11	10000	0.50	0.029	ug/l	J

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-PRE-20160121		
Lab Sample ID:	JC13160-3	**Date Sampled:**	01/21/16
Matrix:	DW - Drinking Water	**Date Received:**	01/22/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	97%	95%	78-114%
460-00-4	4-Bromofluorobenzene	96%	94%	77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alcohols	11.02	1.5	ug/l	J
	Total TIC, Volatile		1.5	ug/l	J

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey
ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

DW

CHAIN OF CUSTODY

PAGE 1 OF 1

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #
Bottle Order Control #
Accutest Quote #
Accutest Job # JC13160

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 866 221 Quinebaug Road
City: North Grosvenordale State: CT Zip: 06255
Project Contact: Jen Kugler E-mail: jmkugler@brwncald.com
Phone #: 856-330-9410 Fax #:
Sampler(s) Name(s): Brendan Quann Phone #: 215-939-1719

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 147683
Client Purchase Order #: PC# 007805
Project Manager: Jen Kugler

Billing Information (if different from Report to)

Company Name
Street Address
City State Zip
Attention:

Requested Analysis (see TEST CODE sheet)

VOC + oxygenates via EPA 524.2 Drinking Water Method

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC + oxygenates via EPA 524.2 Drinking Water Method
	~~POET-EFF-20160121~~															
	~~POET-MID2-20160121~~															
	~~POET-7~~															
1	POET-POST-20160121		1/21/16	0750	BQ	DW	3	3								X
2	POET-MID2-20160121		1/21/16	0740	BQ	DW	3	3								X
3	POET-PRE-20160121		1/21/16	0750	BQ	DW	3	3								X

LAB USE ONLY: V359

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [X] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WEI contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

INITIAL ASESSMENT 2AOB
LABEL VERIFICATION

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	1-22-16 1626	2	2	1-22-16 1625	2
3		3	4		4
5		5			

Custody Seals ~~Intact~~ Not intact
Preserved where applicable
On Ice ✓
Cooler Temp. 1.2

JC13160: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JC13160 **Client:** **Project:**

Date / Time Received: 1/22/2016 4:25:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (1.2);

Cooler Temps (Corrected) °C: Cooler 1: (1.6);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
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4.1

4

JC13160: Chain of Custody

Page 2 of 2

New Jersey
ACCUTEST LABORATORIES

02/05/16

Effective January 1, 2016, SGS has acquired all of the assets of Accutest Laboratories and will continue to operate as SGS-Accutest. SGS-Accutest is part of SGS, the world's leading inspection, verification, testing and certification company.

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD 146282

Accutest Job Number: JC13381

Sampling Date: 01/28/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: **14**

NELAP ACCREDITED TNI LABORATORY

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy T. Cole
Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC13381-1: SYS-EFF-20160128 6
3.2: JC13381-2: SYS-INF-20160128 9
Section 4: Misc. Forms **12**
4.1: Chain of Custody 13

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC13381

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 146282

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC13381-1	01/28/16	10:00	BQ/EM	01/29/16	AQ	Effluent	SYS-EFF-20160128
JC13381-2	01/28/16	10:05	BQ/EM	01/29/16	AQ	Influent	SYS-INF-20160128

Summary of Hits

Job Number: JC13381
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 01/28/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC13381-1	**SYS-EFF-20160128**					
Methyl Tert Butyl Ether		8.8	1.0	0.24	ug/l	SW846 8260C
Tert Butyl Alcohol		222	10	2.8	ug/l	SW846 8260C
JC13381-2	**SYS-INF-20160128**					
Benzene		37.6	0.50	0.24	ug/l	SW846 8260C
Toluene		162	1.0	0.16	ug/l	SW846 8260C
Ethylbenzene		65.0	1.0	0.27	ug/l	SW846 8260C
Xylene (total)		473	1.0	0.17	ug/l	SW846 8260C
Methyl Tert Butyl Ether		165	1.0	0.24	ug/l	SW846 8260C
Tert Butyl Alcohol		860	10	2.8	ug/l	SW846 8260C
Naphthalene		26.7	5.0	0.20	ug/l	SW846 8260C
Di-Isopropyl ether		3.1	2.0	0.26	ug/l	SW846 8260C
tert-Amyl Methyl Ether		8.9	2.0	0.19	ug/l	SW846 8260C
TPH-GRO (C6-C10)		2.10	0.20	0.055	mg/l	SW846 8015C
TPH-DRO (C10-C28)		1.65	0.083	0.064	mg/l	SW846 8015C

New Jersey

ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SYS-EFF-20160128		
Lab Sample ID:	JC13381-1	**Date Sampled:**	01/28/16
Matrix:	AQ - Effluent	**Date Received:**	01/29/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C207388.D	1	01/30/16	VC	n/a	n/a	VC7626
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, TBA, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	8.8	1.0	0.24	ug/l	
75-65-0	Tert Butyl Alcohol	222	10	2.8	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		76-120%
17060-07-0	1,2-Dichloroethane-D4	100%		73-122%
2037-26-5	Toluene-D8	100%		84-119%
460-00-4	4-Bromofluorobenzene	101%		78-117%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160128		
Lab Sample ID:	JC13381-1	**Date Sampled:**	01/28/16
Matrix:	AQ - Effluent	**Date Received:**	01/29/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV128011.D	1	01/29/16	WO	n/a	n/a	GUV5141
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	91%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160128		
Lab Sample ID:	JC13381-1	**Date Sampled:**	01/28/16
Matrix:	AQ - Effluent	**Date Received:**	01/29/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y74235.D	1	02/01/16	TL	02/01/16	OP90882	G2Y2882
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	98%		36-144%
16416-32-3	Tetracosane-d50	100%		32-138%
438-22-2	5a-Androstane	101%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160128		
Lab Sample ID:	JC13381-2	**Date Sampled:**	01/28/16
Matrix:	AQ - Influent	**Date Received:**	01/29/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C207389.D	1	01/30/16	VC	n/a	n/a	VC7626
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, TBA, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	37.6	0.50	0.24	ug/l	
108-88-3	Toluene	162	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	65.0	1.0	0.27	ug/l	
1330-20-7	Xylene (total)	473	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	165	1.0	0.24	ug/l	
75-65-0	Tert Butyl Alcohol	860	10	2.8	ug/l	
91-20-3	Naphthalene	26.7	5.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	3.1	2.0	0.26	ug/l	
994-05-8	tert-Amyl Methyl Ether	8.9	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		76-120%
17060-07-0	1,2-Dichloroethane-D4	101%		73-122%
2037-26-5	Toluene-D8	101%		84-119%
460-00-4	4-Bromofluorobenzene	100%		78-117%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160128		
Lab Sample ID:	JC13381-2	**Date Sampled:**	01/28/16
Matrix:	AQ - Influent	**Date Received:**	01/29/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV128012.D	1	01/29/16	WO	n/a	n/a	GUV5141
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	2.10	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	103%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160128		
Lab Sample ID:	JC13381-2	**Date Sampled:**	01/28/16
Matrix:	AQ - Influent	**Date Received:**	01/29/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y74238.D	1	02/01/16	TL	02/01/16	OP90882	G2Y2882
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	1.65	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	108%		36-144%
16416-32-3	Tetracosane-d50	107%		32-138%
438-22-2	5a-Androstane	108%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

New Jersey ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

EPF GW

CHAIN OF CUSTODY

PAGE 1 OF 1

2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: JC13381

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 866 221 Quinebaug Road
City: North Grosvenordale State: CT Zip: 6255
Project Contact: Jen Kugler E-mail: jmkugler@brwncald.com
Phone #: 856-330-9410 Fax #:
Sampler(s) Name(s): BQ + EM Phone #: 856-330-9323

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 146282.003
Client Purchase Order #: #007805
Project Manager: Jen Jugler

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOCs + Oxygenates(BTEX, MTBE, TBA, Naphthalene)	TPH GRO (8015B)	TPH DRO (8015B)		2 X 30ml Fix Dram/HCL 1-29-16						LAB USE ONLY
1	SYS-EFF-20160128		1/28/16	1000	BQ	GW	7	7								X	X	X		0						
2	SYS-INF-20160128		1/28/16	1005	BQ	GW	7	7								X	X	X		0						E59 J390

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [x] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WH contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

INITIAL ASSESSMENT: AM 1B
LABEL VERIFICATION:

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	1/29/16 10:10	1 Lewis Jackson	2 Lewis Jackson	1/29/16 12:10	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	[ ] Intact [ ] Not intact	Preserved where applicable: AM

On Ice: [x] Cooler Temp: 4.2°C

JC13381: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JC13381 **Client:** **Project:**

Date / Time Received: 1/29/2016 12:19:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (4.2);

Cooler Temps (Corrected) °C: Cooler 1: (4.6);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:732.329.0200

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F: 732.329.3499

Dayton, New Jersey
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4.1

4

JC13381: Chain of Custody
Page 2 of 2

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e-Hardcopy 2.0
Automated Report

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD 147683

SGS Accutest Job Number: JC13899

Sampling Date: 02/05/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: 17

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC13899-1: POET-EFF-20160205 6
3.2: JC13899-2: POET-MID2-20160205 9
3.3: JC13899-3: POET-INF-20160205 12
Section 4: Misc. Forms **15**
4.1: Chain of Custody 16

SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC13899

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 147683

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC13899-1	02/05/16	10:12	EM	02/08/16	DW	Drinking Water Eff	POET-EFF-20160205
JC13899-2	02/05/16	10:15	EM	02/08/16	DW	Drinking Water	POET-MID2-20160205
JC13899-3	02/05/16	10:18	EM	02/08/16	DW	Drinking Water Inf	POET-INF-20160205

Summary of Hits

Job Number: JC13899
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 02/05/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC13899-1	**POET-EFF-20160205**					
Acetone		0.96 J	5.0	0.91	ug/l	EPA 524.2 REV 4.1
2-Butanone		1.3 J	5.0	0.57	ug/l	EPA 524.2 REV 4.1
Bromodichloromethane		0.26 J	0.50	0.082	ug/l	EPA 524.2 REV 4.1
Chloroform		0.71	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Chloromethane		1.4	0.50	0.044	ug/l	EPA 524.2 REV 4.1
Dibromochloromethane		0.17 J	0.50	0.042	ug/l	EPA 524.2 REV 4.1
JC13899-2	**POET-MID2-20160205**					
Carbon disulfide		0.25 J	0.50	0.028	ug/l	EPA 524.2 REV 4.1
JC13899-3	**POET-INF-20160205**					
Benzene		10.9	0.50	0.057	ug/l	EPA 524.2 REV 4.1
1,2-Dichloroethane		0.32 J	0.50	0.034	ug/l	EPA 524.2 REV 4.1
Di-Isopropyl ether		1.0	0.50	0.038	ug/l	EPA 524.2 REV 4.1
Ethyl tert Butyl Ether		0.26 J	0.50	0.025	ug/l	EPA 524.2 REV 4.1
Isopropylbenzene		0.22 J	0.50	0.054	ug/l	EPA 524.2 REV 4.1
Methylene chloride		0.17 J	0.50	0.047	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		265	5.0	0.30	ug/l	EPA 524.2 REV 4.1
Naphthalene		0.51	0.50	0.084	ug/l	EPA 524.2 REV 4.1
tert-Amyl Methyl Ether		8.7	0.50	0.099	ug/l	EPA 524.2 REV 4.1
1,2,4-Trimethylbenzene		0.25 J	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		95.5	5.0	0.89	ug/l	EPA 524.2 REV 4.1
m,p-Xylene		0.21 J	0.50	0.13	ug/l	EPA 524.2 REV 4.1
o-Xylene		0.18 J	0.50	0.029	ug/l	EPA 524.2 REV 4.1
Xylenes (total)		0.39 J	0.50	0.029	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		4 J			ug/l	

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	POET-EFF-20160205		
Lab Sample ID:	JC13899-1	**Date Sampled:**	02/05/16
Matrix:	DW - Drinking Water Eff	**Date Received:**	02/08/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B102015.D	1	02/09/16	MD	n/a	n/a	V1B4836
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	0.96		5.0	0.91	ug/l	J
78-93-3	2-Butanone	1.3		5.0	0.57	ug/l	J
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	0.26		0.50	0.082	ug/l	J
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	0.71		0.50	0.031	ug/l	
74-87-3	Chloromethane	1.4		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	0.17		0.50	0.042	ug/l	J
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-EFF-20160205		
Lab Sample ID:	JC13899-1	**Date Sampled:**	02/05/16
Matrix:	DW - Drinking Water Eff	**Date Received:**	02/08/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.030	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-EFF-20160205		
Lab Sample ID:	JC13899-1	**Date Sampled:**	02/05/16
Matrix:	DW - Drinking Water Eff	**Date Received:**	02/08/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	96%		78-114%
460-00-4	4-Bromofluorobenzene	97%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-MID2-20160205		
Lab Sample ID:	JC13899-2	**Date Sampled:**	02/05/16
Matrix:	DW - Drinking Water	**Date Received:**	02/08/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B102016.D	1	02/09/16	MD	n/a	n/a	V1B4836
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	0.25		0.50	0.028	ug/l	J
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-MID2-20160205		
Lab Sample ID:	JC13899-2	**Date Sampled:**	02/05/16
Matrix:	DW - Drinking Water	**Date Received:**	02/08/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.030	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-MID2-20160205		
Lab Sample ID:	JC13899-2	**Date Sampled:**	02/05/16
Matrix:	DW - Drinking Water	**Date Received:**	02/08/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	95%		78-114%
460-00-4	4-Bromofluorobenzene	99%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-INF-20160205		
Lab Sample ID:	JC13899-3	**Date Sampled:**	02/05/16
Matrix:	DW - Drinking Water Inf	**Date Received:**	02/08/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B102017.D	1	02/09/16	MD	n/a	n/a	V1B4836
Run #2	1B102021.D	10	02/09/16	MD	n/a	n/a	V1B4836

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	10.9	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	0.32	5.0	0.50	0.034	ug/l	J
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-INF-20160205		
Lab Sample ID:	JC13899-3	**Date Sampled:**	02/05/16
Matrix:	DW - Drinking Water Inf	**Date Received:**	02/08/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	1.0		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	0.26		0.50	0.025	ug/l	J
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	0.22		0.50	0.054	ug/l	J
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	0.17	5.0	0.50	0.047	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	265 [a]		5.0	0.30	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	0.51		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	8.7		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.25		0.50	0.031	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	95.5		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	0.21		0.50	0.13	ug/l	J
95-47-6	o-Xylene	0.18		0.50	0.029	ug/l	J
1330-20-7	Xylenes (total)	0.39	10000	0.50	0.029	ug/l	J

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-INF-20160205		
Lab Sample ID:	JC13899-3	**Date Sampled:**	02/05/16
Matrix:	DW - Drinking Water Inf	**Date Received:**	02/08/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	96%	92%	78-114%
460-00-4	4-Bromofluorobenzene	100%	100%	77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alkane	4.54	1.1	ug/l	J
	alkane	7.31	.64	ug/l	J
75-85-4	Amylene Hydrate	11.04	1.6	ug/l	JN
	alcohols	12.92	.66	ug/l	J
	Total TIC, Volatile		4	ug/l	J

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

DW

CHAIN OF CUSTODY

PAGE 1 OF 1

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #
Bottle Order Control #
Accutest Quote #
Accutest Job # JC13899

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 866 221 Quinebaug Road
City / State / Zip: North Grosvenordale CT 06255
Project Contact: Jen Kugler
E-mail: jmkugler@brwncald.com
Phone #: 856-330-9410
Fax #:
Sampler(s) Name(s): Elizabeth Miller
Phone #: 8508033766

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City / State: Bel Air MD
Project #: 147683
Client Purchase Order #: PC# 007805
Project Manager: Jen Kugler

Billing Information (if different from Report to)

Company Name
Street Address
City / State / Zip
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC + oxygenates via EPA 524.2 Drinking Water Method	LAB USE ONLY
1	POET-EFF-20160205		2/5/16	1012	EM	DW	3	3								X	1439
2	POET-MID2-20160205		2/5/16	1015	EM	DW	3	3								X	
3	POED-INF-20160205		2/5/16	1018	EM	DW	3	3								X	

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [x] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WEI contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [x] EDD Format BCEQUIS
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

INITIAL ASESSMENT Am 2A
LABEL VERIFICATION 03

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	2/8/16 10:00	1	2	2/8/16 1758	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	[ ] Intact [ ] Not intact	Preserved where applicable [ ]

On Ice [x] Cooler Temp: 2.8

4.1
4

JC13899: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JC13899 **Client:** **Project:**

Date / Time Received: 2/8/2016 5:50:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.8);

Cooler Temps (Corrected) °C: Cooler 1: (3.2);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

4.1

4

JC13899: Chain of Custody
Page 2 of 2

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e-Hardcopy 2.0
Automated Report

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD 147683

SGS Accutest Job Number: JC13902

Sampling Date: 02/05/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: **14**

Nancy Cole
Laboratory Director

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Test results relate only to samples analyzed.

SGS Accutest is the sole authority for authorizing edits or modifications to this document.
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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC13902-1: SYS-EFF-20160205 6
3.2: JC13902-2: SYS-INF-20160205 9
Section 4: Misc. Forms **12**
4.1: Chain of Custody 13

SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC13902

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 147683

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC13902-1	02/05/16	14:10	EM	02/08/16	AQ	Effluent	SYS-EFF-20160205
JC13902-2	02/05/16	14:15	EM	02/08/16	AQ	Influent	SYS-INF-20160205

Summary of Hits

Job Number: JC13902
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 02/05/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC13902-1	**SYS-EFF-20160205**					
Methyl Tert Butyl Ether		14.7	1.0	0.24	ug/l	SW846 8260C
Tert Butyl Alcohol		207	10	2.8	ug/l	SW846 8260C
JC13902-2	**SYS-INF-20160205**					
Benzene		1.6	0.50	0.24	ug/l	SW846 8260C
Toluene		0.75 J	1.0	0.16	ug/l	SW846 8260C
Ethylbenzene		0.58 J	1.0	0.27	ug/l	SW846 8260C
Xylene (total)		7.3	1.0	0.17	ug/l	SW846 8260C
Methyl Tert Butyl Ether		14.1	1.0	0.24	ug/l	SW846 8260C
Tert Butyl Alcohol		46.4	10	2.8	ug/l	SW846 8260C
Naphthalene		0.50 J	5.0	0.20	ug/l	SW846 8260C
tert-Amyl Methyl Ether		0.75 J	2.0	0.19	ug/l	SW846 8260C

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SYS-EFF-20160205		
Lab Sample ID:	JC13902-1	**Date Sampled:**	02/05/16
Matrix:	AQ - Effluent	**Date Received:**	02/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A158441.D	1	02/09/16	VC	n/a	n/a	V1A6793
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, TBA, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	14.7	1.0	0.24	ug/l	
75-65-0	Tert Butyl Alcohol	207	10	2.8	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		76-120%
17060-07-0	1,2-Dichloroethane-D4	104%		73-122%
2037-26-5	Toluene-D8	109%		84-119%
460-00-4	4-Bromofluorobenzene	109%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160205		
Lab Sample ID:	JC13902-1	**Date Sampled:**	02/05/16
Matrix:	AQ - Effluent	**Date Received:**	02/08/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV128081.D	1	02/09/16	WO	n/a	n/a	GUV5148
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160205		
Lab Sample ID:	JC13902-1	**Date Sampled:**	02/05/16
Matrix:	AQ - Effluent	**Date Received:**	02/08/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y74383.D	1	02/10/16	RK	02/09/16	OP91086	G2Y2890
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	108%		36-144%
16416-32-3	Tetracosane-d50	100%		32-138%
438-22-2	5a-Androstane	100%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160205		
Lab Sample ID:	JC13902-2	**Date Sampled:**	02/05/16
Matrix:	AQ - Influent	**Date Received:**	02/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A158440.D	1	02/09/16	VC	n/a	n/a	V1A6793
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, TBA, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.6	0.50	0.24	ug/l	
108-88-3	Toluene	0.75	1.0	0.16	ug/l	J
100-41-4	Ethylbenzene	0.58	1.0	0.27	ug/l	J
1330-20-7	Xylene (total)	7.3	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	14.1	1.0	0.24	ug/l	
75-65-0	Tert Butyl Alcohol	46.4	10	2.8	ug/l	
91-20-3	Naphthalene	0.50	5.0	0.20	ug/l	J
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.75	2.0	0.19	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		76-120%
17060-07-0	1,2-Dichloroethane-D4	103%		73-122%
2037-26-5	Toluene-D8	108%		84-119%
460-00-4	4-Bromofluorobenzene	111%		78-117%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160205		
Lab Sample ID:	JC13902-2	**Date Sampled:**	02/05/16
Matrix:	AQ - Influent	**Date Received:**	02/08/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV128082.D	1	02/09/16	WO	n/a	n/a	GUV5148
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160205		
Lab Sample ID:	JC13902-2	**Date Sampled:**	02/05/16
Matrix:	AQ - Influent	**Date Received:**	02/08/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y74386.D	1	02/10/16	RK	02/09/16	OP91086	G2Y2890
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	96%		36-144%
16416-32-3	Tetracosane-d50	83%		32-138%
438-22-2	5a-Androstane	83%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Misc. Forms

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- Chain of Custody

ACCUTEST LABORATORIES

GW

CHAIN OF CUSTODY

PAGE 1 OF 1

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FED-EX Tracking #
Bottle Order Control #
Accutest Quote #
Accutest Job # JC13902

Client / Reporting Information

Company Name: Global Partners LP Attn: Eric Harvey
Street Address: 15 NE Industrial RD
City: Branford State: CT Zip: 06405
Project Contact: Jen Maciejewski E-mail: jmaciejewski@brwncald.com
Phone #: 856-330-9410 Fax #:
Sampler(s) Name(s): Elizabeth Miller Phone #: 8568033746

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 147683
Client Purchase Order #:
Project Manager: Jen Maciejewski

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC + oxygenates	TPH GRO (8015B)	TPH DRO (8015B)	LAB USE ONLY
1	SVS-EFF-20160205	•	2/5/16	1410	EM	GW	7	7								X	X	X	E67
2	SVS-INF-20160205	•	2/5/16	1415	EM	GW	7	7								X	X	X	V440

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [x] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WEI contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [x] EDD Format BCEQUIS
- [ ] Other _____

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

• 2X 300 ml w/HCL FOR DRO 2-8-16 AM

INITIAL ASESSMENT AM 2A
LABEL VERIFICATION NV

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	2/8/16 10:00	1	2	2-8-16 1750	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable	On ice ☑ Cooler Temp. 2.8 C/P

Custody Seal # ☐ Intact ☐ Not intact

JC13902: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JC13902 **Client:** **Project:**

Date / Time Received: 2/8/2016 5:50:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.8);

Cooler Temps (Corrected) °C: Cooler 1: (3.2);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

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e-Hardcopy 2.0
Automated Report

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD 147683

SGS Accutest Job Number: JC13902

Sampling Date: 02/05/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: **14**

Nancy Cole
Laboratory Director

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Test results relate only to samples analyzed.

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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC13902-1: SYS-EFF-20160205 6
3.2: JC13902-2: SYS-INF-20160205 9
Section 4: Misc. Forms **12**
4.1: Chain of Custody 13

SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC13902

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 147683

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC13902-1	02/05/16	14:10	EM	02/08/16	AQ	Effluent	SYS-EFF-20160205
JC13902-2	02/05/16	14:15	EM	02/08/16	AQ	Influent	SYS-INF-20160205

Summary of Hits

Job Number: JC13902
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 02/05/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC13902-1	**SYS-EFF-20160205**					
Methyl Tert Butyl Ether		14.7	1.0	0.24	ug/l	SW846 8260C
Tert Butyl Alcohol		207	10	2.8	ug/l	SW846 8260C
JC13902-2	**SYS-INF-20160205**					
Benzene		1.6	0.50	0.24	ug/l	SW846 8260C
Toluene		0.75 J	1.0	0.16	ug/l	SW846 8260C
Ethylbenzene		0.58 J	1.0	0.27	ug/l	SW846 8260C
Xylene (total)		7.3	1.0	0.17	ug/l	SW846 8260C
Methyl Tert Butyl Ether		14.1	1.0	0.24	ug/l	SW846 8260C
Tert Butyl Alcohol		46.4	10	2.8	ug/l	SW846 8260C
Naphthalene		0.50 J	5.0	0.20	ug/l	SW846 8260C
tert-Amyl Methyl Ether		0.75 J	2.0	0.19	ug/l	SW846 8260C

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SYS-EFF-20160205		
Lab Sample ID:	JC13902-1	**Date Sampled:**	02/05/16
Matrix:	AQ - Effluent	**Date Received:**	02/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A158441.D	1	02/09/16	VC	n/a	n/a	V1A6793
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, TBA, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	14.7	1.0	0.24	ug/l	
75-65-0	Tert Butyl Alcohol	207	10	2.8	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		76-120%
17060-07-0	1,2-Dichloroethane-D4	104%		73-122%
2037-26-5	Toluene-D8	109%		84-119%
460-00-4	4-Bromofluorobenzene	109%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160205		
Lab Sample ID:	JC13902-1	**Date Sampled:**	02/05/16
Matrix:	AQ - Effluent	**Date Received:**	02/08/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV128081.D	1	02/09/16	WO	n/a	n/a	GUV5148
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160205		
Lab Sample ID:	JC13902-1	**Date Sampled:**	02/05/16
Matrix:	AQ - Effluent	**Date Received:**	02/08/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y74383.D	1	02/10/16	RK	02/09/16	OP91086	G2Y2890
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	108%		36-144%
16416-32-3	Tetracosane-d50	100%		32-138%
438-22-2	5a-Androstane	100%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160205		
Lab Sample ID:	JC13902-2	**Date Sampled:**	02/05/16
Matrix:	AQ - Influent	**Date Received:**	02/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A158440.D	1	02/09/16	VC	n/a	n/a	V1A6793
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, TBA, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.6	0.50	0.24	ug/l	
108-88-3	Toluene	0.75	1.0	0.16	ug/l	J
100-41-4	Ethylbenzene	0.58	1.0	0.27	ug/l	J
1330-20-7	Xylene (total)	7.3	1.0	0.17	ug/l	
1634-04-4	Methyl Tert Butyl Ether	14.1	1.0	0.24	ug/l	
75-65-0	Tert Butyl Alcohol	46.4	10	2.8	ug/l	
91-20-3	Naphthalene	0.50	5.0	0.20	ug/l	J
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.75	2.0	0.19	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		76-120%
17060-07-0	1,2-Dichloroethane-D4	103%		73-122%
2037-26-5	Toluene-D8	108%		84-119%
460-00-4	4-Bromofluorobenzene	111%		78-117%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160205		
Lab Sample ID:	JC13902-2	**Date Sampled:**	02/05/16
Matrix:	AQ - Influent	**Date Received:**	02/08/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV128082.D	1	02/09/16	WO	n/a	n/a	GUV5148
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160205		
Lab Sample ID:	JC13902-2	**Date Sampled:**	02/05/16
Matrix:	AQ - Influent	**Date Received:**	02/08/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Y74386.D	1	02/10/16	RK	02/09/16	OP91086	G2Y2890
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	96%		36-144%
16416-32-3	Tetracosane-d50	83%		32-138%
438-22-2	5a-Androstane	83%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

GW

CHAIN OF CUSTODY

PAGE 1 OF 1

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #
Bottle Order Control #
Accutest Quote #
Accutest Job # JC13902

Client / Reporting Information

Company Name: Global Partners LP Attn: Eric Harvey
Street Address: 15 NE Industrial RD
City: Branford State: CT Zip: 06405
Project Contact: Jen Maciejewski E-mail: jmaciejewski@brwncald.com
Phone #: 856-330-9410 Fax #:
Sampler(s) Name(s): Elizabeth Miller Phone #: 8568033746

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 147683
Client Purchase Order #:
Project Manager: Jen Maciejewski

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC + oxygenates	TPH GRO (8015B)	TPH DRO (8015B)	LAB USE ONLY
1	SVS-EFF-20160205	•	2/5/16	1410	EM	GW	7	7								X	X	X	E67
2	SVS-INF-20160205	•	2/5/16	1415	EM	GW	7	7								X	X	X	V440

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [x] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WEI contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [x] EDD Format BCEQUIS
- [ ] Other _____

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

• 2X 300 ml w/HCL FOR DRO 2-8-16 AM

INITIAL ASESSMENT AM 2A
LABEL VERIFICATION NV

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	2/8/16 10:00	1	2	2-8-16 1750	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Preserved where applicable	On ice ☑ Cooler Temp. 2.8 C/P

Custody Seal # ☐ Intact ☐ Not intact

JC13902: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JC13902 **Client:** **Project:**

Date / Time Received: 2/8/2016 5:50:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.8);

Cooler Temps (Corrected) °C: Cooler 1: (3.2);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
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2235 US Highway 130
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Dayton, New Jersey
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Automated Report

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD 147683

SGS Accutest Job Number: JC14578

Sampling Date: 02/19/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: 22

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC14578-1: SYS-EFF-20160219 6
3.2: JC14578-2: SYS-INF-20160219 11
3.3: JC14578-3: TRIP BLANK 16
Section 4: Misc. Forms **19**
4.1: Certification Exceptions 20
4.2: Chain of Custody 21

SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC14578

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 147683

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC14578-1	02/19/16	10:25	EM	02/19/16	AQ	Effluent	SYS-EFF-20160219
JC14578-2	02/19/16	10:30	EM	02/19/16	AQ	Influent	SYS-INF-20160219
JC14578-3	02/19/16	10:30	EM	02/19/16	AQ	Trip Blank Water	TRIP BLANK

Summary of Hits

Job Number: JC14578
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 02/19/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC14578-1	**SYS-EFF-20160219**					
Methyl Tert Butyl Ether		24.0	1.0	0.24	ug/l	SW846 8260C
Tert Butyl Alcohol		108	10	2.8	ug/l	SW846 8260C
JC14578-2	**SYS-INF-20160219**					
Acetone		17.0	10	3.3	ug/l	SW846 8260C
Methyl Tert Butyl Ether		28.3	1.0	0.24	ug/l	SW846 8260C
Tert Butyl Alcohol		345	10	2.8	ug/l	SW846 8260C
tert-Amyl Methyl Ether		1.5 J	2.0	0.19	ug/l	SW846 8260C
TPH-DRO (C10-C28)		0.459	0.083	0.064	mg/l	SW846 8015C
JC14578-3	**TRIP BLANK**					

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SYS-EFF-20160219		
Lab Sample ID:	JC14578-1	**Date Sampled:**	02/19/16
Matrix:	AQ - Effluent	**Date Received:**	02/19/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A220315.D	1	02/22/16	NH	n/a	n/a	VA8342
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160219		
Lab Sample ID:	JC14578-1	**Date Sampled:**	02/19/16
Matrix:	AQ - Effluent	**Date Received:**	02/19/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	24.0	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	108	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		76-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160219		
Lab Sample ID:	JC14578-1	**Date Sampled:**	02/19/16
Matrix:	AQ - Effluent	**Date Received:**	02/19/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	108%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160219		
Lab Sample ID:	JC14578-1	**Date Sampled:**	02/19/16
Matrix:	AQ - Effluent	**Date Received:**	02/19/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV128501.D	1	02/23/16	WO	n/a	n/a	GUV5166
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	79%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160219		
Lab Sample ID:	JC14578-1	**Date Sampled:**	02/19/16
Matrix:	AQ - Effluent	**Date Received:**	02/19/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7Y16067.D	1	02/24/16	RK	02/23/16	OP91415	G7Y653
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		36-144%
16416-32-3	Tetracosane-d50	87%		32-138%
438-22-2	5a-Androstane	89%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160219		
Lab Sample ID:	JC14578-2	**Date Sampled:**	02/19/16
Matrix:	AQ - Influent	**Date Received:**	02/19/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A220316.D	1	02/22/16	NH	n/a	n/a	VA8342
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	17.0	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160219		
Lab Sample ID:	JC14578-2	**Date Sampled:**	02/19/16
Matrix:	AQ - Influent	**Date Received:**	02/19/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	28.3	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	345	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	1.5	2.0	0.19	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		76-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160219		
Lab Sample ID:	JC14578-2	**Date Sampled:**	02/19/16
Matrix:	AQ - Influent	**Date Received:**	02/19/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	108%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160219		
Lab Sample ID:	JC14578-2	**Date Sampled:**	02/19/16
Matrix:	AQ - Influent	**Date Received:**	02/19/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV128502.D	1	02/23/16	WO	n/a	n/a	GUV5166
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	81%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160219		
Lab Sample ID:	JC14578-2	**Date Sampled:**	02/19/16
Matrix:	AQ - Influent	**Date Received:**	02/19/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7Y16070.D	1	02/24/16	RK	02/23/16	OP91415	G7Y653
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.459	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		36-144%
16416-32-3	Tetracosane-d50	82%		32-138%
438-22-2	5a-Androstane	83%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JC14578-3	**Date Sampled:**	02/19/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/19/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A220317.D	1	02/23/16	NH	n/a	n/a	VA8342
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JC14578-3	**Date Sampled:**	02/19/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/19/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		76-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JC14578-3	**Date Sampled:**	02/19/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/19/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	107%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: JC14578
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Methylene bromide	74-95-3	**SW846 8260C**	AQ	Accutest is not certified for this parameter.

Certification exceptions shown are based on the New Jersey DEP certifications. Applicability in other states may vary. Please contact your laboratory representative if additional information is required for a specific regulatory program.

ACCUTEST LABORATORIES

GW WTB

CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: JC14578

Client / Reporting Information

Company Name: Global Partners LP Attn: Eric Harvey
Street Address: 15 NE Industrial RD
City: Branford State: CT Zip: 06405
Project Contact: Jen Maciejewski E-mail: jmaciejewski@brwncald.com
Phone #: 856-330-9410 Fax #:
Sampler(s) Name(s): Elizabeth Miller Phone #:

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 147683
Client Purchase Order #:
Project Manager: Jen Maciejewski
Attention:

Billing Information (if different from Report to)

Company Name:
Street Address:
City State Zip:

Requested Analysis (see TEST CODE sheet)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC + oxygenates	TPH GRO (8015B)	TPH DRO (8015B)	LAB USE ONLY
1	Sys-Eff-20160219	*	2/19/16	1025	EM	GW	7	7								X	X	X	E88
2	Sys-Inf-20160219	*	2/19/16	1030	EM	GW	7	7								X	X	X	V530
3	Trip Blank		—	—	—	TB	2	2								X			

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [X] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WEI contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

* 2x300mL DEO RJ 2/19/16
INITIAL ASESSMENT
LABEL VERIFICATION

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	02/19/16 1553	1 2-19-16 1605	2 2-19-16 1705		2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # 977 [ ] Intact [ ] Not intact	Preserved where applicable [X]	On Ice ~~#~~ Cooler Temp. 1.0C

SGS Accutest Sample Receipt Summary

Job Number: JC14578 **Client:** **Project:**

Date / Time Received: 2/19/2016 5:25:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (1.0);

Cooler Temps (Corrected) °C: Cooler 1: (1.4);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☑	☐	☐
2. Trip Blank listed on COC:	☑	☐	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

JC14578: Chain of Custody
Page 2 of 2

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

e-Hardcopy 2.0
Automated Report

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

148727

SGS Accutest Job Number: JC15596

Sampling Date: 03/07/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: **20**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Test results relate only to samples analyzed.

SGS Accutest is the sole authority for authorizing edits or modifications to this document.
Unauthorized modification of this report is strictly prohibited.

Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC15596-1: SYS-EFF-20160307 6
3.2: JC15596-2: SYS-INF-20160307 11
Section 4: Misc. Forms **16**
4.1: Certification Exceptions 17
4.2: Chain of Custody 18

SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC15596

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC15596-1	03/07/16	10:00	EM	03/08/16	AQ	Effluent	SYS-EFF-20160307
JC15596-2	03/07/16	10:15	EM	03/08/16	AQ	Influent	SYS-INF-20160307

2

Summary of Hits

Job Number: JC15596
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/07/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC15596-1	**SYS-EFF-20160307**					
Methyl Tert Butyl Ether		61.4	1.0	0.24	ug/l	SW846 8260C
JC15596-2	**SYS-INF-20160307**					
Benzene		36.0	0.50	0.24	ug/l	SW846 8260C
n-Butylbenzene		1.1 J	2.0	0.14	ug/l	SW846 8260C
sec-Butylbenzene		1.3 J	2.0	0.21	ug/l	SW846 8260C
Di-Isopropyl ether		2.4	2.0	0.26	ug/l	SW846 8260C
Ethylbenzene		36.3	1.0	0.27	ug/l	SW846 8260C
Isopropylbenzene		3.5	1.0	0.23	ug/l	SW846 8260C
p-Isopropyltoluene		0.52 J	2.0	0.21	ug/l	SW846 8260C
Methyl Tert Butyl Ether		180	1.0	0.24	ug/l	SW846 8260C
Naphthalene		20.0	5.0	0.20	ug/l	SW846 8260C
n-Propylbenzene		6.8	2.0	0.21	ug/l	SW846 8260C
Tert Butyl Alcohol		586	10	2.8	ug/l	SW846 8260C
tert-Amyl Methyl Ether		10.8	2.0	0.19	ug/l	SW846 8260C
Toluene		13.2	1.0	0.16	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		59.8	2.0	0.22	ug/l	SW846 8260C
1,3,5-Trimethylbenzene		18.6	2.0	0.29	ug/l	SW846 8260C
m,p-Xylene		103	1.0	0.38	ug/l	SW846 8260C
o-Xylene		58.5	1.0	0.17	ug/l	SW846 8260C
Xylene (total)		161	1.0	0.17	ug/l	SW846 8260C
TPH-GRO (C6-C10)		0.833	0.20	0.055	mg/l	SW846 8015C
TPH-DRO (C10-C28)		0.492	0.083	0.064	mg/l	SW846 8015C

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SYS-EFF-20160307		
Lab Sample ID:	JC15596-1	**Date Sampled:**	03/07/16
Matrix:	AQ - Effluent	**Date Received:**	03/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D153558.D	1	03/09/16	AM	n/a	n/a	V2D6456
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160307		
Lab Sample ID:	JC15596-1	**Date Sampled:**	03/07/16
Matrix:	AQ - Effluent	**Date Received:**	03/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	61.4	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		76-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160307		
Lab Sample ID:	JC15596-1	**Date Sampled:**	03/07/16
Matrix:	AQ - Effluent	**Date Received:**	03/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%		73-122%
2037-26-5	Toluene-D8	99%		84-119%
460-00-4	4-Bromofluorobenzene	100%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160307		
Lab Sample ID:	JC15596-1	**Date Sampled:**	03/07/16
Matrix:	AQ - Effluent	**Date Received:**	03/08/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV129352.D	1	03/14/16	XPL	n/a	n/a	GUV5198
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	91%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160307		
Lab Sample ID:	JC15596-1	**Date Sampled:**	03/07/16
Matrix:	AQ - Effluent	**Date Received:**	03/08/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53506.D	1	03/10/16	RK	03/10/16	OP91951	G2Z2026
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	64%		36-144%
16416-32-3	Tetracosane-d50	88%		32-138%
438-22-2	5a-Androstane	78%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160307		
Lab Sample ID:	JC15596-2	**Date Sampled:**	03/07/16
Matrix:	AQ - Influent	**Date Received:**	03/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D153559.D	1	03/09/16	AM	n/a	n/a	V2D6456
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	36.0	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	1.1	2.0	0.14	ug/l	J
135-98-8	sec-Butylbenzene	1.3	2.0	0.21	ug/l	J
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	2.4	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160307		
Lab Sample ID:	JC15596-2	**Date Sampled:**	03/07/16
Matrix:	AQ - Influent	**Date Received:**	03/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	36.3	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	3.5	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	0.52	2.0	0.21	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	180	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	20.0	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	6.8	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	586	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	10.8	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	13.2	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	59.8	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	18.6	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	103	1.0	0.38	ug/l	
95-47-6	o-Xylene	58.5	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	161	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		76-120%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160307		
Lab Sample ID:	JC15596-2	**Date Sampled:**	03/07/16
Matrix:	AQ - Influent	**Date Received:**	03/08/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	102%		73-122%
2037-26-5	Toluene-D8	100%		84-119%
460-00-4	4-Bromofluorobenzene	100%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160307		
Lab Sample ID:	JC15596-2	**Date Sampled:**	03/07/16
Matrix:	AQ - Influent	**Date Received:**	03/08/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV129353.D	1	03/14/16	XPL	n/a	n/a	GUV5198
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.833	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	102%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160307		
Lab Sample ID:	JC15596-2	**Date Sampled:**	03/07/16
Matrix:	AQ - Influent	**Date Received:**	03/08/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53509.D	1	03/10/16	RK	03/10/16	OP91951	G2Z2026
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.492	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	77%		36-144%
16416-32-3	Tetracosane-d50	102%		32-138%
438-22-2	5a-Androstane	90%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: JC15596
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Methylene bromide	74-95-3	**SW846 8260C**	AQ	Accutest is not certified for this parameter.

Certification exceptions shown are based on the New Jersey DEP certifications. Applicability in other states may vary. Please contact your laboratory representative if additional information is required for a specific regulatory program.

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

PAGE 1 OF 1

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: JC15596

Client / Reporting Information

Company Name: Global Partners LP Attn: Eric Harvey
Street Address: 15 NE Industrial RD
City: Branford State: CT Zip: 06405
Project Contact: Jen Maciejewski jmaciejewski@brwncald.com
Phone #: 856-330-9410 Fax #:
Sampler(s) Name(s): Elizabeth Miller Phone #: 856 803 3766

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: [redacted] 148727
Client Purchase Order #:
Project Manager: Jen Maciejewski

Billing Information (if different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC + oxygenates	TPH GRO (8015B)	TPH DRO (8015B)	LAB USE ONLY
1	SYS-eff-20160307		3/7/16	1000	Em	GW	7	7								X	X	X	
2	SYS-inf-20160307		3/7/16	1015	Em	GW	7	7								X	X	X	E17
	trip blank		—	—	—	TB	2	2								X			V658

Turnaround Time (Business days)
- [ ] Std. 15 Business Days
- [x] Std. 10 Business Days (by Contract only)
- [ ] 10 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WEI contract
Received 3/8 for DRO

Data Deliverable Information
- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions
INITIAL ASESSMENT NJSA
LABEL VERIFICATION JM

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	3/8/16 1135	1	2	3-8-16 1310	
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Data Time:	Received By: 5	Custody Seal #	[ ] Intact [ ] Not intact	Preserved where applicable [✓] On Ice [ ] Cooler Temp. 2.6 C/P

4.2
4

SGS Accutest Sample Receipt Summary

Job Number: JC15596 **Client:** GLOBAL PARTNERS LP **Project:** Bel Air Xtra Fuels PC#007805

Date / Time Received: 3/8/2016 1:10:00 PM **Delivery Method:** Accutest Courier **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.0);

Cooler Temps (Corrected) °C: Cooler 1: (2.4);

Cooler Security	Y	or N		Y	or N
1. Custody Seals Present:	☐	☑	3. COC Present:	☑	☐
2. Custody Seals Intact:	☐	☑	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	or N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No, Coolers	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	or N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	or N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments Trip Blank sample did not rec'd.

4.2

4

JC15596: Chain of Custody

Page 2 of 3

Sample Receipt Summary - Problem Resolution

Job Number: JC15596

Initiator: ANDREWM

CSR: VP

Response Date: 3/9/2016

Response: Client notified. Please proceed.

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

e-Hardcopy 2.0
Automated Report

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

148727.004.001.1028

SGS Accutest Job Number: JC16877

Sampling Date: 03/23/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: **20**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Test results relate only to samples analyzed.

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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC16877-1: SYS-EFF-20160323 6
3.2: JC16877-2: SYS-INF-20160323 11
Section 4: Misc. Forms **16**
4.1: Certification Exceptions 17
4.2: Chain of Custody 18

SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC16877

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.004.001.1028

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC16877-1	03/23/16	15:30	EM	03/24/16	AQ	Effluent	SYS-EFF-20160323
JC16877-2	03/23/16	15:40	EM	03/24/16	AQ	Influent	SYS-INF-20160323

2

Summary of Hits

Job Number: JC16877
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/23/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC16877-1	**SYS-EFF-20160323**					
Methyl Tert Butyl Ether		81.8	1.0	0.24	ug/l	SW846 8260C
Tert Butyl Alcohol		16.3	10	2.8	ug/l	SW846 8260C
JC16877-2	**SYS-INF-20160323**					
Benzene		34.6	0.50	0.24	ug/l	SW846 8260C
n-Butylbenzene		1.3 J	2.0	0.14	ug/l	SW846 8260C
sec-Butylbenzene		1.5 J	2.0	0.21	ug/l	SW846 8260C
Di-Isopropyl ether		2.3	2.0	0.26	ug/l	SW846 8260C
Ethylbenzene		51.3	1.0	0.27	ug/l	SW846 8260C
Isopropylbenzene		4.4	1.0	0.23	ug/l	SW846 8260C
p-Isopropyltoluene		0.56 J	2.0	0.21	ug/l	SW846 8260C
Methyl Tert Butyl Ether		170	1.0	0.24	ug/l	SW846 8260C
Naphthalene		19.1	5.0	0.20	ug/l	SW846 8260C
n-Propylbenzene		9.3	2.0	0.21	ug/l	SW846 8260C
Tert Butyl Alcohol		531	10	2.8	ug/l	SW846 8260C
tert-Amyl Methyl Ether		9.1	2.0	0.19	ug/l	SW846 8260C
Toluene		56.8	1.0	0.16	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		75.2	2.0	0.22	ug/l	SW846 8260C
1,3,5-Trimethylbenzene		24.4	2.0	0.29	ug/l	SW846 8260C
m,p-Xylene		157	1.0	0.38	ug/l	SW846 8260C
o-Xylene		90.4	1.0	0.17	ug/l	SW846 8260C
Xylene (total)		248	1.0	0.17	ug/l	SW846 8260C
TPH-GRO (C6-C10)		1.16	0.20	0.055	mg/l	SW846 8015C
TPH-DRO (C10-C28)		1.11	0.083	0.064	mg/l	SW846 8015C

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SYS-EFF-20160323		
Lab Sample ID:	JC16877-1	**Date Sampled:**	03/23/16
Matrix:	AQ - Effluent	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D154082.D	1	03/25/16	AM	n/a	n/a	V2D6477
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160323		
Lab Sample ID:	JC16877-1	**Date Sampled:**	03/23/16
Matrix:	AQ - Effluent	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	81.8	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	16.3	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		76-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160323		
Lab Sample ID:	JC16877-1	**Date Sampled:**	03/23/16
Matrix:	AQ - Effluent	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		73-122%
2037-26-5	Toluene-D8	99%		84-119%
460-00-4	4-Bromofluorobenzene	106%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160323		
Lab Sample ID:	JC16877-1	**Date Sampled:**	03/23/16
Matrix:	AQ - Effluent	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130049.D	1	03/29/16	WO	n/a	n/a	GUV5223
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	86%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-EFF-20160323		
Lab Sample ID:	JC16877-1	**Date Sampled:**	03/23/16
Matrix:	AQ - Effluent	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z54057.D	1	03/31/16	TL	03/28/16	OP92553	G2Z2044
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	64%		36-144%
16416-32-3	Tetracosane-d50	75%		32-138%
438-22-2	5a-Androstane	73%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160323		
Lab Sample ID:	JC16877-2	**Date Sampled:**	03/23/16
Matrix:	AQ - Influent	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2D154083.D	1	03/25/16	AM	n/a	n/a	V2D6477
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	34.6	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	1.3	2.0	0.14	ug/l	J
135-98-8	sec-Butylbenzene	1.5	2.0	0.21	ug/l	J
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	2.3	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160323		
Lab Sample ID:	JC16877-2	**Date Sampled:**	03/23/16
Matrix:	AQ - Influent	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	51.3	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	4.4	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	0.56	2.0	0.21	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	170	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	19.1	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	9.3	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	531	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	9.1	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	56.8	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	75.2	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	24.4	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	157	1.0	0.38	ug/l	
95-47-6	o-Xylene	90.4	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	248	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		76-120%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160323		
Lab Sample ID:	JC16877-2	**Date Sampled:**	03/23/16
Matrix:	AQ - Influent	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		73-122%
2037-26-5	Toluene-D8	99%		84-119%
460-00-4	4-Bromofluorobenzene	104%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160323		
Lab Sample ID:	JC16877-2	**Date Sampled:**	03/23/16
Matrix:	AQ - Influent	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130050.D	1	03/29/16	WO	n/a	n/a	GUV5223
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.16	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	95%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SYS-INF-20160323		
Lab Sample ID:	JC16877-2	**Date Sampled:**	03/23/16
Matrix:	AQ - Influent	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z54058.D	1	03/31/16	TL	03/28/16	OP92553	G2Z2044
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	1.11	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	75%		36-144%
16416-32-3	Tetracosane-d50	85%		32-138%
438-22-2	5a-Androstane	83%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: JC16877
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Methylene bromide	74-95-3	**SW846 8260C**	AQ	Accutest is not certified for this parameter.

Certification exceptions shown are based on the New Jersey DEP certifications. Applicability in other states may vary. Please contact your laboratory representative if additional information is required for a specific regulatory program.

ACCUTEST LABORATORIES

GW

CHAIN OF CUSTODY

PAGE 1 OF 1

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: JC16877

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 866 221 Quinebaug Road
City: North Grosvenordale State: CT Zip: 6255
Project Contact: Jen Maciejewski E-mail: jmaciejewski@brwncald.com
Phone #: 856-330-9410 Fax #:
Sampler(s) Name(s): Elizabeth Miller Phone #: 8568033768

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 148727, 004.001.1028 ~~148202~~
Client Purchase Order #:
Project Manager: Jen Maciejewski

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC + oxygenates	TPH GRO (8015B)	TPH DRO (8015B)	LAB USE ONLY
1	SYS-eff-20160323		3/23/16	1530	EM	GW	7	7								X	X	X	V845
2	SYS-inf-20160323		3/23/16	1540	EM	GW	7	7								X	X	X	

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [X] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WEI contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

TIAL ASESSMENT
LABEL VERIFICATION

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	3/24/16 0800	1	2	3-24-16 1135	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # 4168 [ ] Intact [ ] Not intact	Preserved where applicable	On ice [ ] Cooler Temp. 1.8

JC16877: Chain of Custody
Page 1 of 3

SGS Accutest Sample Receipt Summary

Job Number: JC16877 **Client:** Drake **Project:** Bel Air

Date / Time Received: 3/24/2016 11:35:00 AM **Delivery Method:** Accutest Courier **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (1.8);

Cooler Temps (Corrected) °C: Cooler 1: (2.2);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No, Coolers	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☑	☑	☐
2. Trip Blank listed on COC:	☑	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☐	☑

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☐	☑
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

1) Labels on DRO volumes do not match coc. 3 of 4 bottles with ID SYS-EFF and time 1530, remaining bottle with ID SYS-EFF and time 1540. Placed on HOLD SHELF, please advice.

Sample Receipt Summary - Problem Resolution

Job Number: JC16877 **Initiator:** DAVEH

CSR: VP **Response Date:** 3/25/2016

Response: Per client, INF samples had odor. Two of the four samples are much more odorous than the others. The odorous samples have been labeled as -2 (INF). Please proceed with analysis.

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

e-Hardcopy 2.0
Automated Report

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

148727.001.001.1028

SGS Accutest Job Number: JC16914

Sampling Dates: 03/21/16 - 03/23/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: **147**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Test results relate only to samples analyzed.

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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **5**
Section 3: Sample Results **12**
3.1: JC16914-1: FB-20160321 13
3.2: JC16914-2: MW-16I-20160321 16
3.3: JC16914-3: MW-16D-20160321 22
3.4: JC16914-4: MW-16S-20160321 28
3.5: JC16914-5: MW-17I-20160321 34
3.6: JC16914-6: MW-17D-20160321 40
3.7: JC16914-7: MW-17S-20160321 46
3.8: JC16914-8: MW-15D-20160322 52
3.9: JC16914-9: MW-15S-20160322 58
3.10: JC16914-10: MW-14-20160322 64
3.11: JC16914-11: MW-9-20160322 70
3.12: JC16914-12: RW-17-20160322 76
3.13: JC16914-13: MW-8-20160322 82
3.14: JC16914-14: MW-11-20160322 88
3.15: JC16914-15: DUP-20160322 94
3.16: JC16914-16: MW-7-20160322 100
3.17: JC16914-17: FB-20160322 106
3.18: JC16914-18: RW-10-20160323 109
3.19: JC16914-19: RW-12-20160323 115
3.20: JC16914-20: RW-18-20160323 121
3.21: JC16914-21: RW-19-20160323 127
3.22: JC16914-22: RW-20-20160323 133
3.23: JC16914-23: TRIP BLANK 139
Section 4: Misc. Forms **142**
4.1: Certification Exceptions 143
4.2: Chain of Custody 144

SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC16914

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.001.001.1028

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC16914-1	03/21/16	09:40	EM/TS	03/24/16	AQ	Field Blank Water	FB-20160321
JC16914-2	03/21/16	10:41	EM/TS	03/24/16	AQ	Ground Water	MW-16I-20160321
JC16914-3	03/21/16	11:36	EM/TS	03/24/16	AQ	Ground Water	MW-16D-20160321
JC16914-4	03/21/16	11:55	EM/TS	03/24/16	AQ	Ground Water	MW-16S-20160321
JC16914-5	03/21/16	14:09	EM/TS	03/24/16	AQ	Ground Water	MW-17I-20160321
JC16914-6	03/21/16	15:01	EM/TS	03/24/16	AQ	Ground Water	MW-17D-20160321
JC16914-7	03/21/16	15:21	EM/TS	03/24/16	AQ	Ground Water	MW-17S-20160321
JC16914-8	03/22/16	10:01	EM/TS	03/24/16	AQ	Ground Water	MW-15D-20160322
JC16914-9	03/22/16	10:15	EM/TS	03/24/16	AQ	Ground Water	MW-15S-20160322
JC16914-10	03/22/16	14:30	EM/TS	03/24/16	AQ	Ground Water	MW-14-20160322
JC16914-11	03/22/16	14:40	EM/TS	03/24/16	AQ	Ground Water	MW-9-20160322
JC16914-12	03/22/16	14:50	EM/TS	03/24/16	AQ	Ground Water	RW-17-20160322
JC16914-13	03/22/16	15:00	EM/TS	03/24/16	AQ	Ground Water	MW-8-20160322

SGS Accutest

Sample Summary
(continued)

Drake Petroleum Company, Inc.

Job No: JC16914

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.001.001.1028

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC16914-14	03/22/16	15:10	EM/TS	03/24/16	AQ	Ground Water	MW-11-20160322
JC16914-15	03/22/16	00:00	EM/TS	03/24/16	AQ	Ground Water	DUP-20160322
JC16914-16	03/22/16	15:30	EM/TS	03/24/16	AQ	Ground Water	MW-7-20160322
JC16914-17	03/22/16	15:50	EM/TS	03/24/16	AQ	Field Blank Water	FB-20160322
JC16914-18	03/23/16	13:00	EM/TS	03/24/16	AQ	Ground Water	RW-10-20160323
JC16914-19	03/23/16	14:10	EM/TS	03/24/16	AQ	Ground Water	RW-12-20160323
JC16914-20	03/23/16	14:20	EM/TS	03/24/16	AQ	Ground Water	RW-18-20160323
JC16914-21	03/23/16	14:40	EM/TS	03/24/16	AQ	Ground Water	RW-19-20160323
JC16914-22	03/23/16	14:50	EM/TS	03/24/16	AQ	Ground Water	RW-20-20160323
JC16914-23	03/23/16	14:50	EM/TS	03/24/16	AQ	Trip Blank Water	TRIP BLANK

2

Summary of Hits

Job Number: JC16914
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/21/16 thru 03/23/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC16914-1	**FB-20160321**					
No hits reported in this sample.						
JC16914-2	**MW-16I-20160321**					
Benzene		72.9	2.5	1.2	ug/l	SW846 8260C
Di-Isopropyl ether		19.3	10	1.3	ug/l	SW846 8260C
Methyl Tert Butyl Ether		4300	100	24	ug/l	SW846 8260C
Tert Butyl Alcohol		1350	50	14	ug/l	SW846 8260C
tert-Amyl Methyl Ether		147	10	0.95	ug/l	SW846 8260C
tert-Butyl Ethyl Ether		5.0 J	10	3.1	ug/l	SW846 8260C
TPH-GRO (C6-C10)		4.61	0.20	0.055	mg/l	SW846 8015C
Lead		3.2	3.0		ug/l	SW846 6010C
JC16914-3	**MW-16D-20160321**					
Di-Isopropyl ether		0.38 J	2.0	0.26	ug/l	SW846 8260C
Methyl Tert Butyl Ether		8.9	1.0	0.24	ug/l	SW846 8260C
tert-Amyl Methyl Ether		0.21 J	2.0	0.19	ug/l	SW846 8260C
JC16914-4	**MW-16S-20160321**					
Benzene		59.2	0.50	0.24	ug/l	SW846 8260C
sec-Butylbenzene		0.23 J	2.0	0.21	ug/l	SW846 8260C
Di-Isopropyl ether		3.5	2.0	0.26	ug/l	SW846 8260C
Isopropylbenzene		1.2	1.0	0.23	ug/l	SW846 8260C
Methyl Tert Butyl Ether		809	25	5.9	ug/l	SW846 8260C
Naphthalene		2.6 J	5.0	0.20	ug/l	SW846 8260C
Tert Butyl Alcohol		377	10	2.8	ug/l	SW846 8260C
tert-Amyl Methyl Ether		27.0	2.0	0.19	ug/l	SW846 8260C
tert-Butyl Ethyl Ether		0.84 J	2.0	0.62	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		0.27 J	2.0	0.22	ug/l	SW846 8260C
TPH-GRO (C6-C10)		1.03	0.20	0.055	mg/l	SW846 8015C
Lead		8.3	3.0		ug/l	SW846 6010C
JC16914-5	**MW-17I-20160321**					
Methyl Tert Butyl Ether		0.29 J	1.0	0.24	ug/l	SW846 8260C
JC16914-6	**MW-17D-20160321**					
Acetone		4.5 J	10	3.3	ug/l	SW846 8260C
Methyl Tert Butyl Ether		0.52 J	1.0	0.24	ug/l	SW846 8260C
Toluene		0.37 J	1.0	0.16	ug/l	SW846 8260C

Summary of Hits

Job Number: JC16914
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/21/16 thru 03/23/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Lead		5.6	3.0		ug/l	SW846 6010C
JC16914-7	**MW-17S-20160321**					
TPH-DRO (C10-C28)		0.150	0.083	0.064	mg/l	SW846 8015C
Lead		54.5	15		ug/l	SW846 6010C
JC16914-8	**MW-15D-20160322**					
Methyl Tert Butyl Ether		0.49 J	1.0	0.24	ug/l	SW846 8260C
Lead		4.0	3.0		ug/l	SW846 6010C
JC16914-9	**MW-15S-20160322**					
Lead		5.0	3.0		ug/l	SW846 6010C
JC16914-10	**MW-14-20160322**					
Benzene		2.7	0.50	0.24	ug/l	SW846 8260C
sec-Butylbenzene		0.32 J	2.0	0.21	ug/l	SW846 8260C
Di-Isopropyl ether		10.9	2.0	0.26	ug/l	SW846 8260C
Isopropylbenzene		0.71 J	1.0	0.23	ug/l	SW846 8260C
Methyl Tert Butyl Ether		1140	25	5.9	ug/l	SW846 8260C
Methylene chloride		0.75 J	2.0	0.73	ug/l	SW846 8260C
Naphthalene		0.88 J	5.0	0.20	ug/l	SW846 8260C
Tert Butyl Alcohol		3770	250	69	ug/l	SW846 8260C
tert-Amyl Methyl Ether		49.4	2.0	0.19	ug/l	SW846 8260C
tert-Butyl Ethyl Ether		1.2 J	2.0	0.62	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		0.22 J	2.0	0.22	ug/l	SW846 8260C
o-Xylene		0.38 J	1.0	0.17	ug/l	SW846 8260C
Xylene (total)		0.38 J	1.0	0.17	ug/l	SW846 8260C
TPH-GRO (C6-C10)		1.36	0.20	0.055	mg/l	SW846 8015C
TPH-DRO (C10-C28)		0.269	0.083	0.064	mg/l	SW846 8015C
Lead		8.1	3.0		ug/l	SW846 6010C
JC16914-11	**MW-9-20160322**					
Methyl Tert Butyl Ether		1.3	1.0	0.24	ug/l	SW846 8260C
Tert Butyl Alcohol		6.1 J	10	2.8	ug/l	SW846 8260C
TPH-DRO (C10-C28)		0.173	0.083	0.064	mg/l	SW846 8015C
Lead		5.8	3.0		ug/l	SW846 6010C
JC16914-12	**RW-17-20160322**					
Benzene		0.36 J	0.50	0.24	ug/l	SW846 8260C

2

Summary of Hits

Job Number: JC16914
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/21/16 thru 03/23/16

Lab Sample ID Client Sample ID Analyte	Result/ Qual	RL	MDL	Units	Method
Methyl Tert Butyl Ether	1.5	1.0	0.24	ug/l	SW846 8260C
4-Methyl-2-pentanone(MIBK)	1.3 J	5.0	1.0	ug/l	SW846 8260C
Naphthalene	0.20 J	5.0	0.20	ug/l	SW846 8260C
1,2,4-Trimethylbenzene	0.31 J	2.0	0.22	ug/l	SW846 8260C
o-Xylene	0.30 J	1.0	0.17	ug/l	SW846 8260C
Xylene (total)	0.30 J	1.0	0.17	ug/l	SW846 8260C
TPH-DRO (C10-C28)	0.386	0.083	0.064	mg/l	SW846 8015C
Lead	14.0	3.0		ug/l	SW846 6010C
JC16914-13 MW-8-20160322					
Benzene	20.4	0.50	0.24	ug/l	SW846 8260C
sec-Butylbenzene	1.8 J	2.0	0.21	ug/l	SW846 8260C
tert-Butylbenzene	0.79 J	2.0	0.28	ug/l	SW846 8260C
Di-Isopropyl ether	0.66 J	2.0	0.26	ug/l	SW846 8260C
Ethylbenzene	5.7	1.0	0.27	ug/l	SW846 8260C
Isopropylbenzene	5.7	1.0	0.23	ug/l	SW846 8260C
Methyl Tert Butyl Ether	150	1.0	0.24	ug/l	SW846 8260C
Naphthalene	28.2	5.0	0.20	ug/l	SW846 8260C
n-Propylbenzene	1.6 J	2.0	0.21	ug/l	SW846 8260C
Tert Butyl Alcohol	89.5	10	2.8	ug/l	SW846 8260C
tert-Amyl Methyl Ether	6.8	2.0	0.19	ug/l	SW846 8260C
Toluene	0.37 J	1.0	0.16	ug/l	SW846 8260C
1,2,4-Trimethylbenzene	16.0	2.0	0.22	ug/l	SW846 8260C
1,3,5-Trimethylbenzene	7.9	2.0	0.29	ug/l	SW846 8260C
m,p-Xylene	9.1	1.0	0.38	ug/l	SW846 8260C
o-Xylene	21.2	1.0	0.17	ug/l	SW846 8260C
Xylene (total)	30.3	1.0	0.17	ug/l	SW846 8260C
TPH-GRO (C6-C10)	0.654	0.20	0.055	mg/l	SW846 8015C
TPH-DRO (C10-C28)	0.947	0.083	0.064	mg/l	SW846 8015C
Lead	6.5	3.0		ug/l	SW846 6010C
JC16914-14 MW-11-20160322					
Acetone	30.5 J	50	17	ug/l	SW846 8260C
Benzene	615	2.5	1.2	ug/l	SW846 8260C
sec-Butylbenzene	5.0 J	10	1.1	ug/l	SW846 8260C
Di-Isopropyl ether	5.1 J	10	1.3	ug/l	SW846 8260C
Ethylbenzene	849	5.0	1.3	ug/l	SW846 8260C
Isopropylbenzene	52.1	5.0	1.2	ug/l	SW846 8260C
p-Isopropyltoluene	3.3 J	10	1.1	ug/l	SW846 8260C
Methyl Tert Butyl Ether	358	5.0	1.2	ug/l	SW846 8260C
4-Methyl-2-pentanone(MIBK)	6.4 J	25	5.1	ug/l	SW846 8260C
Naphthalene	300	25	1.0	ug/l	SW846 8260C
n-Propylbenzene	92.2	10	1.1	ug/l	SW846 8260C

2

Summary of Hits

Job Number: JC16914
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/21/16 thru 03/23/16

Lab Sample ID Client Sample ID Analyte	Result/ Qual	RL	MDL	Units	Method
Tert Butyl Alcohol	351	50	14	ug/l	SW846 8260C
tert-Amyl Methyl Ether	27.8	10	0.95	ug/l	SW846 8260C
Toluene	993	5.0	0.81	ug/l	SW846 8260C
1,2,4-Trimethylbenzene	679	10	1.1	ug/l	SW846 8260C
1,3,5-Trimethylbenzene	185	10	1.5	ug/l	SW846 8260C
m,p-Xylene	1850	5.0	1.9	ug/l	SW846 8260C
o-Xylene	811	5.0	0.83	ug/l	SW846 8260C
Xylene (total)	2660	5.0	0.83	ug/l	SW846 8260C
TPH-GRO (C6-C10)	15.0	0.20	0.055	mg/l	SW846 8015C
TPH-DRO (C10-C28)	5.36	0.083	0.064	mg/l	SW846 8015C
Lead	9.8	3.0		ug/l	SW846 6010C
JC16914-15 DUP-20160322					
Acetone	21.6 J	50	17	ug/l	SW846 8260C
Benzene	583	2.5	1.2	ug/l	SW846 8260C
sec-Butylbenzene	4.6 J	10	1.1	ug/l	SW846 8260C
Di-Isopropyl ether	4.8 J	10	1.3	ug/l	SW846 8260C
Ethylbenzene	813	5.0	1.3	ug/l	SW846 8260C
Isopropylbenzene	49.8	5.0	1.2	ug/l	SW846 8260C
p-Isopropyltoluene	3.3 J	10	1.1	ug/l	SW846 8260C
Methyl Tert Butyl Ether	345	5.0	1.2	ug/l	SW846 8260C
4-Methyl-2-pentanone(MIBK)	6.6 J	25	5.1	ug/l	SW846 8260C
Naphthalene	286	25	1.0	ug/l	SW846 8260C
n-Propylbenzene	87.2	10	1.1	ug/l	SW846 8260C
Tert Butyl Alcohol	337	50	14	ug/l	SW846 8260C
tert-Amyl Methyl Ether	27.5	10	0.95	ug/l	SW846 8260C
Toluene	955	5.0	0.81	ug/l	SW846 8260C
1,2,4-Trimethylbenzene	653	10	1.1	ug/l	SW846 8260C
1,3,5-Trimethylbenzene	181	10	1.5	ug/l	SW846 8260C
m,p-Xylene	1780	5.0	1.9	ug/l	SW846 8260C
o-Xylene	774	5.0	0.83	ug/l	SW846 8260C
Xylene (total)	2550	5.0	0.83	ug/l	SW846 8260C
TPH-GRO (C6-C10)	13.6	0.20	0.055	mg/l	SW846 8015C
TPH-DRO (C10-C28)	4.58	0.083	0.064	mg/l	SW846 8015C
Lead	10.4	3.0		ug/l	SW846 6010C
JC16914-16 MW-7-20160322					
n-Butylbenzene	20.7	20	1.4	ug/l	SW846 8260C
sec-Butylbenzene	7.6 J	20	2.1	ug/l	SW846 8260C
Ethylbenzene	455	10	2.7	ug/l	SW846 8260C
Isopropylbenzene	61.0	10	2.3	ug/l	SW846 8260C
p-Isopropyltoluene	8.7 J	20	2.1	ug/l	SW846 8260C
Methyl Tert Butyl Ether	40.1	10	2.4	ug/l	SW846 8260C

Summary of Hits

Job Number: JC16914
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/21/16 thru 03/23/16

Lab Sample ID Client Sample ID Analyte	Result/ Qual	RL	MDL	Units	Method
Naphthalene	225	50	2.0	ug/l	SW846 8260C
n-Propylbenzene	113	20	2.1	ug/l	SW846 8260C
Tert Butyl Alcohol	521	100	28	ug/l	SW846 8260C
Toluene	22.9	10	1.6	ug/l	SW846 8260C
1,2,4-Trimethylbenzene	1450	20	2.2	ug/l	SW846 8260C
1,3,5-Trimethylbenzene	127	20	2.9	ug/l	SW846 8260C
m,p-Xylene	378	10	3.8	ug/l	SW846 8260C
o-Xylene	82.6	10	1.7	ug/l	SW846 8260C
Xylene (total)	461	10	1.7	ug/l	SW846 8260C
TPH-GRO (C6-C10)	7.36	0.20	0.055	mg/l	SW846 8015C
TPH-DRO (C10-C28)	4.98	0.083	0.064	mg/l	SW846 8015C
Lead	4.0	3.0		ug/l	SW846 6010C

JC16914-17 FB-20160322

No hits reported in this sample.

JC16914-18 RW-10-20160323

Acetone	5.4 J	10	3.3	ug/l	SW846 8260C
Benzene	4.5	0.50	0.24	ug/l	SW846 8260C
sec-Butylbenzene	0.25 J	2.0	0.21	ug/l	SW846 8260C
Di-Isopropyl ether	0.76 J	2.0	0.26	ug/l	SW846 8260C
Ethylbenzene	15.0	1.0	0.27	ug/l	SW846 8260C
Isopropylbenzene	0.92 J	1.0	0.23	ug/l	SW846 8260C
Methyl Tert Butyl Ether	9.9	1.0	0.24	ug/l	SW846 8260C
Naphthalene	4.6 J	5.0	0.20	ug/l	SW846 8260C
n-Propylbenzene	1.8 J	2.0	0.21	ug/l	SW846 8260C
Tert Butyl Alcohol	207	10	2.8	ug/l	SW846 8260C
tert-Amyl Methyl Ether	0.39 J	2.0	0.19	ug/l	SW846 8260C
Toluene	29.6	1.0	0.16	ug/l	SW846 8260C
1,2,4-Trimethylbenzene	18.2	2.0	0.22	ug/l	SW846 8260C
1,3,5-Trimethylbenzene	4.8	2.0	0.29	ug/l	SW846 8260C
m,p-Xylene	57.3	1.0	0.38	ug/l	SW846 8260C
o-Xylene	29.6	1.0	0.17	ug/l	SW846 8260C
Xylene (total)	86.9	1.0	0.17	ug/l	SW846 8260C
TPH-GRO (C6-C10)	0.347	0.20	0.055	mg/l	SW846 8015C
TPH-DRO (C10-C28)	0.178	0.083	0.064	mg/l	SW846 8015C
Lead	6.2	3.0		ug/l	SW846 6010C

JC16914-19 RW-12-20160323

Benzene	1.6	0.50	0.24	ug/l	SW846 8260C
sec-Butylbenzene	0.28 J	2.0	0.21	ug/l	SW846 8260C
Di-Isopropyl ether	0.75 J	2.0	0.26	ug/l	SW846 8260C

2

Summary of Hits

Job Number: JC16914
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/21/16 thru 03/23/16

Lab Sample ID Client Sample ID Analyte	Result/ Qual	RL	MDL	Units	Method
Ethylbenzene	4.2	1.0	0.27	ug/l	SW846 8260C
Isopropylbenzene	0.35 J	1.0	0.23	ug/l	SW846 8260C
Methyl Tert Butyl Ether	5.0	1.0	0.24	ug/l	SW846 8260C
Naphthalene	1.1 J	5.0	0.20	ug/l	SW846 8260C
n-Propylbenzene	0.53 J	2.0	0.21	ug/l	SW846 8260C
Tert Butyl Alcohol	156	10	2.8	ug/l	SW846 8260C
Toluene	11.3	1.0	0.16	ug/l	SW846 8260C
1,2,4-Trimethylbenzene	4.8	2.0	0.22	ug/l	SW846 8260C
1,3,5-Trimethylbenzene	1.5 J	2.0	0.29	ug/l	SW846 8260C
m,p-Xylene	16.8	1.0	0.38	ug/l	SW846 8260C
o-Xylene	9.0	1.0	0.17	ug/l	SW846 8260C
Xylene (total)	25.8	1.0	0.17	ug/l	SW846 8260C
TPH-GRO (C6-C10)	0.354	0.20	0.055	mg/l	SW846 8015C
TPH-DRO (C10-C28)	0.633	0.083	0.064	mg/l	SW846 8015C
Lead	5.1	3.0		ug/l	SW846 6010C
JC16914-20 RW-18-20160323					
Benzene	16.2	0.50	0.24	ug/l	SW846 8260C
sec-Butylbenzene	0.90 J	2.0	0.21	ug/l	SW846 8260C
Di-Isopropyl ether	1.8 J	2.0	0.26	ug/l	SW846 8260C
Ethylbenzene	18.9	1.0	0.27	ug/l	SW846 8260C
Isopropylbenzene	1.9	1.0	0.23	ug/l	SW846 8260C
p-Isopropyltoluene	0.22 J	2.0	0.21	ug/l	SW846 8260C
Methyl Tert Butyl Ether	103	1.0	0.24	ug/l	SW846 8260C
Naphthalene	7.9	5.0	0.20	ug/l	SW846 8260C
n-Propylbenzene	3.2	2.0	0.21	ug/l	SW846 8260C
Tert Butyl Alcohol	411	10	2.8	ug/l	SW846 8260C
tert-Amyl Methyl Ether	6.0	2.0	0.19	ug/l	SW846 8260C
Toluene	12.6	1.0	0.16	ug/l	SW846 8260C
1,2,4-Trimethylbenzene	25.8	2.0	0.22	ug/l	SW846 8260C
1,3,5-Trimethylbenzene	8.1	2.0	0.29	ug/l	SW846 8260C
m,p-Xylene	50.7	1.0	0.38	ug/l	SW846 8260C
o-Xylene	29.0	1.0	0.17	ug/l	SW846 8260C
Xylene (total)	79.6	1.0	0.17	ug/l	SW846 8260C
TPH-GRO (C6-C10)	2.24	0.20	0.055	mg/l	SW846 8015C
TPH-DRO (C10-C28)	0.154	0.083	0.064	mg/l	SW846 8015C
Lead	5.1	3.0		ug/l	SW846 6010C
JC16914-21 RW-19-20160323					
Methyl Tert Butyl Ether	0.77 J	1.0	0.24	ug/l	SW846 8260C
TPH-GRO (C6-C10)	0.214	0.20	0.055	mg/l	SW846 8015C
Lead	38.0	15		ug/l	SW846 6010C

Summary of Hits

Job Number: JC16914
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/21/16 thru 03/23/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC16914-22	**RW-20-20160323**					
sec-Butylbenzene		0.55 J	2.0	0.21	ug/l	SW846 8260C
Di-Isopropyl ether		0.96 J	2.0	0.26	ug/l	SW846 8260C
Ethylbenzene		1.1	1.0	0.27	ug/l	SW846 8260C
Isopropylbenzene		0.31 J	1.0	0.23	ug/l	SW846 8260C
Methyl Tert Butyl Ether		2.7	1.0	0.24	ug/l	SW846 8260C
n-Propylbenzene		0.39 J	2.0	0.21	ug/l	SW846 8260C
Tert Butyl Alcohol		181	10	2.8	ug/l	SW846 8260C
TPH-GRO (C6-C10)		0.133 J	0.20	0.055	mg/l	SW846 8015C
TPH-DRO (C10-C28)		0.0949	0.083	0.064	mg/l	SW846 8015C
Lead		6.0	3.0		ug/l	SW846 6010C
JC16914-23	**TRIP BLANK**					

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	FB-20160321		
Lab Sample ID:	JC16914-1	**Date Sampled:**	03/21/16
Matrix:	AQ - Field Blank Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123030.D	1	03/25/16	DR	n/a	n/a	V2E5404
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB-20160321		
Lab Sample ID:	JC16914-1	**Date Sampled:**	03/21/16
Matrix:	AQ - Field Blank Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		76-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB-20160321		
Lab Sample ID:	JC16914-1	**Date Sampled:**	03/21/16
Matrix:	AQ - Field Blank Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	102%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16I-20160321		
Lab Sample ID:	JC16914-2	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123053.D	5	03/26/16	DR	n/a	n/a	V2E5405
Run #2	2E123063.D	100	03/28/16	DR	n/a	n/a	V2E5406

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	17	ug/l	
71-43-2	Benzene	72.9	2.5	1.2	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.95	ug/l	
74-97-5	Bromochloromethane	ND	5.0	1.9	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.1	ug/l	
75-25-2	Bromoform	ND	5.0	1.2	ug/l	
74-83-9	Bromomethane	ND	10	2.1	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	28	ug/l	
104-51-8	n-Butylbenzene	ND	10	0.68	ug/l	
135-98-8	sec-Butylbenzene	ND	10	1.1	ug/l	
98-06-6	tert-Butylbenzene	ND	10	1.4	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.1	ug/l	
108-90-7	Chlorobenzene	ND	5.0	0.93	ug/l	
75-00-3	Chloroethane	ND	5.0	1.7	ug/l	
67-66-3	Chloroform	ND	5.0	0.94	ug/l	
74-87-3	Chloromethane	ND	5.0	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	10	0.97	ug/l	
106-43-4	p-Chlorotoluene	ND	10	1.0	ug/l	
108-20-3	Di-Isopropyl ether	19.3	10	1.3	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	0.77	ug/l	
106-93-4	1,2-Dibromoethane	ND	5.0	1.2	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.93	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.1	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.4	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	4.5	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	0.86	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.90	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	2.6	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	1.4	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	3.2	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	2.0	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16I-20160321		
Lab Sample ID:	JC16914-2	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.77	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	1.6	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.93	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	10	1.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	1.2	ug/l	
99-87-6	p-Isopropyltoluene	ND	10	1.1	ug/l	
1634-04-4	Methyl Tert Butyl Ether	4300 [a]	100	24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	5.1	ug/l	
74-95-3	Methylene bromide	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	10	3.6	ug/l	
91-20-3	Naphthalene	ND	25	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	10	1.1	ug/l	
100-42-5	Styrene	ND	5.0	1.4	ug/l	
75-65-0	Tert Butyl Alcohol	1350	50	14	ug/l	
994-05-8	tert-Amyl Methyl Ether	147	10	0.95	ug/l	
637-92-3	tert-Butyl Ethyl Ether	5.0	10	3.1	ug/l	J
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.89	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	2.0	ug/l	
108-88-3	Toluene	ND	5.0	0.81	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.1	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.3	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.1	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	10	2.1	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	10	2.2	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	10	1.1	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	10	1.5	ug/l	
75-01-4	Vinyl chloride	ND	5.0	0.74	ug/l	
	m,p-Xylene	ND	5.0	1.9	ug/l	
95-47-6	o-Xylene	ND	5.0	0.83	ug/l	
1330-20-7	Xylene (total)	ND	5.0	0.83	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%	100%	76-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16I-20160321		
Lab Sample ID:	JC16914-2	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	111%	104%	73-122%
2037-26-5	Toluene-D8	103%	104%	84-119%
460-00-4	4-Bromofluorobenzene	104%	102%	78-117%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16I-20160321		
Lab Sample ID:	JC16914-2	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130051.D	1	03/29/16	WO	n/a	n/a	GUV5223
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	4.61	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	89%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16I-20160321		
Lab Sample ID:	JC16914-2	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53923.D	1	03/26/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	24% [a]		36-144%
16416-32-3	Tetracosane-d50	23% [a]		32-138%
438-22-2	5a-Androstane	23% [a]		31-136%

(a) Outside of in house control limits. There's no sample left to reextract.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16I-20160321		
Lab Sample ID:	JC16914-2	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	3.2	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-16D-20160321		
Lab Sample ID:	JC16914-3	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123040.D	1	03/26/16	DR	n/a	n/a	V2E5405
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	0.38	2.0	0.26	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16D-20160321		
Lab Sample ID:	JC16914-3	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	8.9	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.21	2.0	0.19	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		76-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16D-20160321		
Lab Sample ID:	JC16914-3	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	103%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16D-20160321		
Lab Sample ID:	JC16914-3	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130052.D	1	03/30/16	WO	n/a	n/a	GUV5223
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	84%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16D-20160321		
Lab Sample ID:	JC16914-3	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53924.D	1	03/26/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	57%		36-144%
16416-32-3	Tetracosane-d50	41%		32-138%
438-22-2	5a-Androstane	35%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16D-20160321		
Lab Sample ID:	JC16914-3	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-16S-20160321		
Lab Sample ID:	JC16914-4	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123041.D	1	03/26/16	DR	n/a	n/a	V2E5405
Run #2	2E123064.D	25	03/28/16	DR	n/a	n/a	V2E5406

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	59.2	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	0.23	2.0	0.21	ug/l	J
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	3.5	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16S-20160321		
Lab Sample ID:	JC16914-4	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	1.2	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	809 [a]	25	5.9	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	2.6	5.0	0.20	ug/l	J
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	377	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	27.0	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	0.84	2.0	0.62	ug/l	J
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.27	2.0	0.22	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	99%	76-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16S-20160321		
Lab Sample ID:	JC16914-4	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%	102%	73-122%
2037-26-5	Toluene-D8	102%	103%	84-119%
460-00-4	4-Bromofluorobenzene	101%	102%	78-117%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16S-20160321		
Lab Sample ID:	JC16914-4	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130053.D	1	03/30/16	WO	n/a	n/a	GUV5223
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.03	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	88%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16S-20160321		
Lab Sample ID:	JC16914-4	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53925.D	1	03/26/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	61%		36-144%
16416-32-3	Tetracosane-d50	55%		32-138%
438-22-2	5a-Androstane	49%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16S-20160321		
Lab Sample ID:	JC16914-4	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	8.3	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-17I-20160321		
Lab Sample ID:	JC16914-5	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L280015.D	1	03/29/16	EH	n/a	n/a	VL7715
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17I-20160321		
Lab Sample ID:	JC16914-5	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.29	1.0	0.24	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene [a]	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene [a]	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		76-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17I-20160321		
Lab Sample ID:	JC16914-5	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		73-122%
2037-26-5	Toluene-D8	97%		84-119%
460-00-4	4-Bromofluorobenzene	96%		78-117%

(a) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17I-20160321		
Lab Sample ID:	JC16914-5	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130054.D	1	03/30/16	WO	n/a	n/a	GUV5223
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	84%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17I-20160321		
Lab Sample ID:	JC16914-5	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53926.D	1	03/26/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	62%		36-144%
16416-32-3	Tetracosane-d50	54%		32-138%
438-22-2	5a-Androstane	50%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17I-20160321		
Lab Sample ID:	JC16914-5	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-17D-20160321		
Lab Sample ID:	JC16914-6	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123043.D	1	03/26/16	DR	n/a	n/a	V2E5405
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	4.5	10	3.3	ug/l	J
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17D-20160321		
Lab Sample ID:	JC16914-6	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.52	1.0	0.24	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	0.37	1.0	0.16	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		76-120%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17D-20160321		
Lab Sample ID:	JC16914-6	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	102%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17D-20160321		
Lab Sample ID:	JC16914-6	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130055.D	1	03/30/16	WO	n/a	n/a	GUV5223
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	85%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17D-20160321		
Lab Sample ID:	JC16914-6	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53929.D	1	03/27/16	KD	03/26/16	OP92472	G2Z2040
Run #2 [a]	2Z54060.D	1	03/31/16	TL	03/30/16	OP92612	G2Z2044

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2	300 ml	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	
	TPH-DRO (C10-C28)	ND [b]	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	57%	47%	36-144%
16416-32-3	Tetracosane-d50	28% [c]	58%	32-138%
438-22-2	5a-Androstane	23% [c]	56%	31-136%

(a) Re-extracted for low surrogate recovery. Originally prep date was within holding time.
(b) Result is from Run# 2
(c) Outside of in house control limits.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17D-20160321		
Lab Sample ID:	JC16914-6	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	5.6	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-17S-20160321		
Lab Sample ID:	JC16914-7	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123065.D	1	03/28/16	DR	n/a	n/a	V2E5406
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

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RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17S-20160321		
Lab Sample ID:	JC16914-7	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		76-120%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
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E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17S-20160321		
Lab Sample ID:	JC16914-7	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	103%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	103%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17S-20160321		
Lab Sample ID:	JC16914-7	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130056.D	1	03/30/16	WO	n/a	n/a	GUV5223
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	84%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17S-20160321		
Lab Sample ID:	JC16914-7	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53930.D	1	03/27/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.150	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	52%		36-144%
16416-32-3	Tetracosane-d50	36%		32-138%
438-22-2	5a-Androstane	32%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17S-20160321		
Lab Sample ID:	JC16914-7	**Date Sampled:**	03/21/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	54.5	15	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-15D-20160322		
Lab Sample ID:	JC16914-8	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123066.D	1	03/28/16	DR	n/a	n/a	V2E5406
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15D-20160322		
Lab Sample ID:	JC16914-8	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.49	1.0	0.24	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		76-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15D-20160322		
Lab Sample ID:	JC16914-8	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	102%		73-122%
2037-26-5	Toluene-D8	102%		84-119%
460-00-4	4-Bromofluorobenzene	102%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15D-20160322		
Lab Sample ID:	JC16914-8	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130060.D	1	03/30/16	WO	n/a	n/a	GUV5224
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	86%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15D-20160322		
Lab Sample ID:	JC16914-8	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53931.D	1	03/27/16	KD	03/26/16	OP92472	G2Z2040
Run #2 [a]	2Z54061.D	1	03/31/16	TL	03/30/16	OP92612	G2Z2044

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2	300 ml	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	
	TPH-DRO (C10-C28)	ND [b]	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	57%	56%	36-144%
16416-32-3	Tetracosane-d50	33%	63%	32-138%
438-22-2	5a-Androstane	27% [c]	61%	31-136%

(a) Re-extracted for low surrogate recovery. Originally prep date was within holding time.
(b) Result is from Run# 2
(c) Outside of in house control limits.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15D-20160322		
Lab Sample ID:	JC16914-8	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	4.0	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-15S-20160322		
Lab Sample ID:	JC16914-9	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123117.D	1	03/29/16	DR	n/a	n/a	V2E5408
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15S-20160322		
Lab Sample ID:	JC16914-9	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		76-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15S-20160322		
Lab Sample ID:	JC16914-9	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	111%		73-122%
2037-26-5	Toluene-D8	104%		84-119%
460-00-4	4-Bromofluorobenzene	105%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15S-20160322		
Lab Sample ID:	JC16914-9	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130061.D	1	03/30/16	WO	n/a	n/a	GUV5224
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	85%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15S-20160322		
Lab Sample ID:	JC16914-9	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53932.D	1	03/27/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	58%		36-144%
16416-32-3	Tetracosane-d50	49%		32-138%
438-22-2	5a-Androstane	43%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15S-20160322		
Lab Sample ID:	JC16914-9	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	5.0	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-14-20160322		
Lab Sample ID:	JC16914-10	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123074.D	1	03/28/16	DR	n/a	n/a	V2E5406
Run #2	L280013.D	25	03/29/16	EH	n/a	n/a	VL7715

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	2.7	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	0.32	2.0	0.21	ug/l	J
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	10.9	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14-20160322		
Lab Sample ID:	JC16914-10	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	0.71	1.0	0.23	ug/l	J
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1140 [a]	25	5.9	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	0.75	2.0	0.73	ug/l	J
91-20-3	Naphthalene	0.88	5.0	0.20	ug/l	J
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	3770 [a]	250	69	ug/l	
994-05-8	tert-Amyl Methyl Ether	49.4	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	1.2	2.0	0.62	ug/l	J
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.22	2.0	0.22	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	0.38	1.0	0.17	ug/l	J
1330-20-7	Xylene (total)	0.38	1.0	0.17	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	100%	76-120%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14-20160322		
Lab Sample ID:	JC16914-10	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	102%	102%	73-122%
2037-26-5	Toluene-D8	103%	102%	84-119%
460-00-4	4-Bromofluorobenzene	102%	95%	78-117%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14-20160322		
Lab Sample ID:	JC16914-10	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130062.D	1	03/30/16	WO	n/a	n/a	GUV5224
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.36	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	88%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14-20160322		
Lab Sample ID:	JC16914-10	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53933.D	1	03/27/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.269	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	57%		36-144%
16416-32-3	Tetracosane-d50	57%		32-138%
438-22-2	5a-Androstane	53%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14-20160322		
Lab Sample ID:	JC16914-10	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	8.1	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-9-20160322		
Lab Sample ID:	JC16914-11	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L280016.D	1	03/29/16	EH	n/a	n/a	VL7715
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

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Report of Analysis

Client Sample ID:	MW-9-20160322		
Lab Sample ID:	JC16914-11	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.3	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene [a]	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	6.1	10	2.8	ug/l	J
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene [a]	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		76-120%

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9-20160322		
Lab Sample ID:	JC16914-11	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		73-122%
2037-26-5	Toluene-D8	98%		84-119%
460-00-4	4-Bromofluorobenzene	94%		78-117%

(a) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9-20160322		
Lab Sample ID:	JC16914-11	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130063.D	1	03/30/16	WO	n/a	n/a	GUV5224
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	85%		55-130%

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E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9-20160322		
Lab Sample ID:	JC16914-11	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53934.D	1	03/27/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.173	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	65%		36-144%
16416-32-3	Tetracosane-d50	45%		32-138%
438-22-2	5a-Androstane	35%		31-136%

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RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9-20160322		
Lab Sample ID:	JC16914-11	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	5.8	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW-17-20160322		
Lab Sample ID:	JC16914-12	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123076.D	1	03/28/16	DR	n/a	n/a	V2E5406
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	0.36	0.50	0.24	ug/l	J
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

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Report of Analysis

Client Sample ID:	RW-17-20160322		
Lab Sample ID:	JC16914-12	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.5	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	1.3	5.0	1.0	ug/l	J
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	0.20	5.0	0.20	ug/l	J
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.31	2.0	0.22	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	0.30	1.0	0.17	ug/l	J
1330-20-7	Xylene (total)	0.30	1.0	0.17	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		76-120%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-17-20160322		
Lab Sample ID:	JC16914-12	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	103%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-17-20160322		
Lab Sample ID:	JC16914-12	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130064.D	1	03/30/16	WO	n/a	n/a	GUV5224
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	85%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-17-20160322		
Lab Sample ID:	JC16914-12	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53935.D	1	03/27/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.386	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	57%		36-144%
16416-32-3	Tetracosane-d50	52%		32-138%
438-22-2	5a-Androstane	49%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-17-20160322		
Lab Sample ID:	JC16914-12	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	14.0	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-8-20160322		
Lab Sample ID:	JC16914-13	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123077.D	1	03/28/16	DR	n/a	n/a	V2E5406
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	20.4	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	1.8	2.0	0.21	ug/l	J
98-06-6	tert-Butylbenzene	0.79	2.0	0.28	ug/l	J
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	0.66	2.0	0.26	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8-20160322		
Lab Sample ID:	JC16914-13	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	5.7	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	5.7	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	150	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	28.2	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	1.6	2.0	0.21	ug/l	J
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	89.5	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	6.8	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	0.37	1.0	0.16	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	16.0	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	7.9	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	9.1	1.0	0.38	ug/l	
95-47-6	o-Xylene	21.2	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	30.3	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		76-120%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8-20160322		
Lab Sample ID:	JC16914-13	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	103%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8-20160322		
Lab Sample ID:	JC16914-13	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130065.D	1	03/30/16	WO	n/a	n/a	GUV5224
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.654	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8-20160322		
Lab Sample ID:	JC16914-13	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53936.D	1	03/27/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.947	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	64%		36-144%
16416-32-3	Tetracosane-d50	61%		32-138%
438-22-2	5a-Androstane	55%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8-20160322		
Lab Sample ID:	JC16914-13	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	6.5	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-11-20160322		
Lab Sample ID:	JC16914-14	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123068.D	5	03/28/16	DR	n/a	n/a	V2E5406
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	30.5	50	17	ug/l	J
71-43-2	Benzene	615	2.5	1.2	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.95	ug/l	
74-97-5	Bromochloromethane	ND	5.0	1.9	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.1	ug/l	
75-25-2	Bromoform	ND	5.0	1.2	ug/l	
74-83-9	Bromomethane	ND	10	2.1	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	28	ug/l	
104-51-8	n-Butylbenzene	ND	10	0.68	ug/l	
135-98-8	sec-Butylbenzene	5.0	10	1.1	ug/l	J
98-06-6	tert-Butylbenzene	ND	10	1.4	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.1	ug/l	
108-90-7	Chlorobenzene	ND	5.0	0.93	ug/l	
75-00-3	Chloroethane	ND	5.0	1.7	ug/l	
67-66-3	Chloroform	ND	5.0	0.94	ug/l	
74-87-3	Chloromethane	ND	5.0	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	10	0.97	ug/l	
106-43-4	p-Chlorotoluene	ND	10	1.0	ug/l	
108-20-3	Di-Isopropyl ether	5.1	10	1.3	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	0.77	ug/l	
106-93-4	1,2-Dibromoethane	ND	5.0	1.2	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.93	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.1	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.4	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	4.5	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	0.86	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.90	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	2.6	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	1.4	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	3.2	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	2.0	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11-20160322		
Lab Sample ID:	JC16914-14	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.77	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	1.6	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.93	ug/l	
100-41-4	Ethylbenzene	849	5.0	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	10	1.3	ug/l	
98-82-8	Isopropylbenzene	52.1	5.0	1.2	ug/l	
99-87-6	p-Isopropyltoluene	3.3	10	1.1	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	358	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	6.4	25	5.1	ug/l	J
74-95-3	Methylene bromide	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	10	3.6	ug/l	
91-20-3	Naphthalene	300	25	1.0	ug/l	
103-65-1	n-Propylbenzene	92.2	10	1.1	ug/l	
100-42-5	Styrene	ND	5.0	1.4	ug/l	
75-65-0	Tert Butyl Alcohol	351	50	14	ug/l	
994-05-8	tert-Amyl Methyl Ether	27.8	10	0.95	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	10	3.1	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.89	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	2.0	ug/l	
108-88-3	Toluene	993	5.0	0.81	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.1	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.3	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.1	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	10	2.1	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	10	2.2	ug/l	
95-63-6	1,2,4-Trimethylbenzene	679	10	1.1	ug/l	
108-67-8	1,3,5-Trimethylbenzene	185	10	1.5	ug/l	
75-01-4	Vinyl chloride	ND	5.0	0.74	ug/l	
	m,p-Xylene	1850	5.0	1.9	ug/l	
95-47-6	o-Xylene	811	5.0	0.83	ug/l	
1330-20-7	Xylene (total)	2660	5.0	0.83	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		76-120%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11-20160322		
Lab Sample ID:	JC16914-14	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	102%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	102%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11-20160322		
Lab Sample ID:	JC16914-14	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130066.D	1	03/30/16	WO	n/a	n/a	GUV5224
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	15.0	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	99%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11-20160322		
Lab Sample ID:	JC16914-14	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53937.D	1	03/27/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	5.36	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	59%		36-144%
16416-32-3	Tetracosane-d50	59%		32-138%
438-22-2	5a-Androstane	53%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11-20160322		
Lab Sample ID:	JC16914-14	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	9.8	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DUP-20160322		
Lab Sample ID:	JC16914-15	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123069.D	5	03/28/16	DR	n/a	n/a	V2E5406
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	21.6	50	17	ug/l	J
71-43-2	Benzene	583	2.5	1.2	ug/l	
108-86-1	Bromobenzene	ND	5.0	0.95	ug/l	
74-97-5	Bromochloromethane	ND	5.0	1.9	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	1.1	ug/l	
75-25-2	Bromoform	ND	5.0	1.2	ug/l	
74-83-9	Bromomethane	ND	10	2.1	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	28	ug/l	
104-51-8	n-Butylbenzene	ND	10	0.68	ug/l	
135-98-8	sec-Butylbenzene	4.6	10	1.1	ug/l	J
98-06-6	tert-Butylbenzene	ND	10	1.4	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	1.1	ug/l	
108-90-7	Chlorobenzene	ND	5.0	0.93	ug/l	
75-00-3	Chloroethane	ND	5.0	1.7	ug/l	
67-66-3	Chloroform	ND	5.0	0.94	ug/l	
74-87-3	Chloromethane	ND	5.0	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	10	0.97	ug/l	
106-43-4	p-Chlorotoluene	ND	10	1.0	ug/l	
108-20-3	Di-Isopropyl ether	4.8	10	1.3	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	0.77	ug/l	
106-93-4	1,2-Dibromoethane	ND	5.0	1.2	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.93	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.1	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.4	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	4.5	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	0.86	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.90	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	2.6	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	1.4	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	3.2	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	2.0	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-20160322		
Lab Sample ID:	JC16914-15	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	0.77	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	1.6	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.93	ug/l	
100-41-4	Ethylbenzene	813	5.0	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	10	1.3	ug/l	
98-82-8	Isopropylbenzene	49.8	5.0	1.2	ug/l	
99-87-6	p-Isopropyltoluene	3.3	10	1.1	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	345	5.0	1.2	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	6.6	25	5.1	ug/l	J
74-95-3	Methylene bromide	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	10	3.6	ug/l	
91-20-3	Naphthalene	286	25	1.0	ug/l	
103-65-1	n-Propylbenzene	87.2	10	1.1	ug/l	
100-42-5	Styrene	ND	5.0	1.4	ug/l	
75-65-0	Tert Butyl Alcohol	337	50	14	ug/l	
994-05-8	tert-Amyl Methyl Ether	27.5	10	0.95	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	10	3.1	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.89	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	2.0	ug/l	
108-88-3	Toluene	955	5.0	0.81	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.1	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.3	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.1	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	10	2.1	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	10	2.2	ug/l	
95-63-6	1,2,4-Trimethylbenzene	653	10	1.1	ug/l	
108-67-8	1,3,5-Trimethylbenzene	181	10	1.5	ug/l	
75-01-4	Vinyl chloride	ND	5.0	0.74	ug/l	
	m,p-Xylene	1780	5.0	1.9	ug/l	
95-47-6	o-Xylene	774	5.0	0.83	ug/l	
1330-20-7	Xylene (total)	2550	5.0	0.83	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		76-120%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-20160322		
Lab Sample ID:	JC16914-15	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	102%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	101%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-20160322		
Lab Sample ID:	JC16914-15	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130069.D	1	03/30/16	WO	n/a	n/a	GUV5224
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	13.6	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	98%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
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E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-20160322		
Lab Sample ID:	JC16914-15	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53940.D	1	03/27/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	4.58	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	60%		36-144%
16416-32-3	Tetracosane-d50	55%		32-138%
438-22-2	5a-Androstane	51%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-20160322		
Lab Sample ID:	JC16914-15	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	10.4	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-7-20160322		
Lab Sample ID:	JC16914-16	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V27243.D	10	03/29/16	DR	n/a	n/a	V4V1055
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	100	33	ug/l	
71-43-2	Benzene	ND	5.0	2.4	ug/l	
108-86-1	Bromobenzene	ND	10	1.9	ug/l	
74-97-5	Bromochloromethane	ND	10	3.7	ug/l	
75-27-4	Bromodichloromethane	ND	10	2.3	ug/l	
75-25-2	Bromoform	ND	10	2.3	ug/l	
74-83-9	Bromomethane	ND	20	4.2	ug/l	
78-93-3	2-Butanone (MEK)	ND	100	56	ug/l	
104-51-8	n-Butylbenzene	20.7	20	1.4	ug/l	
135-98-8	sec-Butylbenzene	7.6	20	2.1	ug/l	J
98-06-6	tert-Butylbenzene	ND	20	2.8	ug/l	
56-23-5	Carbon tetrachloride	ND	10	2.2	ug/l	
108-90-7	Chlorobenzene	ND	10	1.9	ug/l	
75-00-3	Chloroethane	ND	10	3.4	ug/l	
67-66-3	Chloroform	ND	10	1.9	ug/l	
74-87-3	Chloromethane	ND	10	4.1	ug/l	
95-49-8	o-Chlorotoluene	ND	20	1.9	ug/l	
106-43-4	p-Chlorotoluene	ND	20	2.0	ug/l	
108-20-3	Di-Isopropyl ether	ND	20	2.6	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	20	9.9	ug/l	
124-48-1	Dibromochloromethane	ND	10	1.5	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	2.3	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	10	1.9	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	10	2.3	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	10	2.7	ug/l	
75-71-8	Dichlorodifluoromethane	ND	20	9.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	10	1.7	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	1.8	ug/l	
75-35-4	1,1-Dichloroethene	ND	10	5.1	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	10	2.7	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	10	6.5	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	3.9	ug/l	

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RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-7-20160322		
Lab Sample ID:	JC16914-16	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	10	1.5	ug/l	
594-20-7	2,2-Dichloropropane	ND	10	3.3	ug/l	
563-58-6	1,1-Dichloropropene	ND	10	2.1	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	10	2.1	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	1.9	ug/l	
100-41-4	Ethylbenzene	455	10	2.7	ug/l	
87-68-3	Hexachlorobutadiene	ND	20	2.6	ug/l	
98-82-8	Isopropylbenzene	61.0	10	2.3	ug/l	
99-87-6	p-Isopropyltoluene	8.7	20	2.1	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	40.1	10	2.4	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	50	10	ug/l	
74-95-3	Methylene bromide	ND	10	2.7	ug/l	
75-09-2	Methylene chloride	ND	20	7.3	ug/l	
91-20-3	Naphthalene	225	50	2.0	ug/l	
103-65-1	n-Propylbenzene	113	20	2.1	ug/l	
100-42-5	Styrene	ND	10	2.7	ug/l	
75-65-0	Tert Butyl Alcohol	521	100	28	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	20	1.9	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	20	6.2	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	1.8	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	2.1	ug/l	
127-18-4	Tetrachloroethene	ND	10	4.0	ug/l	
108-88-3	Toluene	22.9	10	1.6	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	10	2.3	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	10	2.1	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	10	2.5	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	10	2.1	ug/l	
79-01-6	Trichloroethene	ND	10	2.2	ug/l	
75-69-4	Trichlorofluoromethane	ND	20	4.3	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	20	4.5	ug/l	
95-63-6	1,2,4-Trimethylbenzene	1450	20	2.2	ug/l	
108-67-8	1,3,5-Trimethylbenzene	127	20	2.9	ug/l	
75-01-4	Vinyl chloride	ND	10	1.5	ug/l	
	m,p-Xylene	378	10	3.8	ug/l	
95-47-6	o-Xylene	82.6	10	1.7	ug/l	
1330-20-7	Xylene (total)	461	10	1.7	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		76-120%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-7-20160322		
Lab Sample ID:	JC16914-16	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	112%		73-122%
2037-26-5	Toluene-D8	106%		84-119%
460-00-4	4-Bromofluorobenzene	102%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-7-20160322		
Lab Sample ID:	JC16914-16	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130070.D	1	03/30/16	WO	n/a	n/a	GUV5224
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	7.36	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	98%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-7-20160322		
Lab Sample ID:	JC16914-16	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53941.D	1	03/27/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	4.98	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	52%		36-144%
16416-32-3	Tetracosane-d50	55%		32-138%
438-22-2	5a-Androstane	50%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-7-20160322		
Lab Sample ID:	JC16914-16	**Date Sampled:**	03/22/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	4.0	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FB-20160322		
Lab Sample ID:	JC16914-17	**Date Sampled:**	03/22/16
Matrix:	AQ - Field Blank Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123031.D	1	03/25/16	DR	n/a	n/a	V2E5404
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB-20160322		
Lab Sample ID:	JC16914-17	**Date Sampled:**	03/22/16
Matrix:	AQ - Field Blank Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		76-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB-20160322		
Lab Sample ID:	JC16914-17	**Date Sampled:**	03/22/16
Matrix:	AQ - Field Blank Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	103%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-10-20160323		
Lab Sample ID:	JC16914-18	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123047.D	1	03/26/16	DR	n/a	n/a	V2E5405
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	5.4	10	3.3	ug/l	J
71-43-2	Benzene	4.5	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	0.25	2.0	0.21	ug/l	J
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	0.76	2.0	0.26	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-10-20160323		
Lab Sample ID:	JC16914-18	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	15.0	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	0.92	1.0	0.23	ug/l	J
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	9.9	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	4.6	5.0	0.20	ug/l	J
103-65-1	n-Propylbenzene	1.8	2.0	0.21	ug/l	J
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	207	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.39	2.0	0.19	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	29.6	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	18.2	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	4.8	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	57.3	1.0	0.38	ug/l	
95-47-6	o-Xylene	29.6	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	86.9	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		76-120%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-10-20160323		
Lab Sample ID:	JC16914-18	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	108%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	100%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-10-20160323		
Lab Sample ID:	JC16914-18	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130076.D	1	03/30/16	WO	n/a	n/a	GUV5224
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.347	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		55-130%

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E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-10-20160323		
Lab Sample ID:	JC16914-18	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53942.D	1	03/27/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.178	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	58%		36-144%
16416-32-3	Tetracosane-d50	43%		32-138%
438-22-2	5a-Androstane	38%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
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E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-10-20160323		
Lab Sample ID:	JC16914-18	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	6.2	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW-12-20160323		
Lab Sample ID:	JC16914-19	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123052.D	1	03/26/16	DR	n/a	n/a	V2E5405
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	1.6	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	0.28	2.0	0.21	ug/l	J
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	0.75	2.0	0.26	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-12-20160323		
Lab Sample ID:	JC16914-19	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	4.2	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	0.35	1.0	0.23	ug/l	J
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	5.0	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	1.1	5.0	0.20	ug/l	J
103-65-1	n-Propylbenzene	0.53	2.0	0.21	ug/l	J
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	156	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	11.3	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	4.8	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	1.5	2.0	0.29	ug/l	J
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	16.8	1.0	0.38	ug/l	
95-47-6	o-Xylene	9.0	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	25.8	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		76-120%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-12-20160323		
Lab Sample ID:	JC16914-19	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	108%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	101%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-12-20160323		
Lab Sample ID:	JC16914-19	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130077.D	1	03/30/16	WO	n/a	n/a	GUV5224
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.354	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	92%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-12-20160323		
Lab Sample ID:	JC16914-19	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53943.D	1	03/27/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.633	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	50%		36-144%
16416-32-3	Tetracosane-d50	45%		32-138%
438-22-2	5a-Androstane	41%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-12-20160323		
Lab Sample ID:	JC16914-19	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	5.1	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW-18-20160323		
Lab Sample ID:	JC16914-20	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123048.D	1	03/26/16	DR	n/a	n/a	V2E5405
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	16.2	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	0.90	2.0	0.21	ug/l	J
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	1.8	2.0	0.26	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
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E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-18-20160323		
Lab Sample ID:	JC16914-20	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	18.9	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	1.9	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	0.22	2.0	0.21	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	103	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	7.9	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	3.2	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	411	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	6.0	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	12.6	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	25.8	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	8.1	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	50.7	1.0	0.38	ug/l	
95-47-6	o-Xylene	29.0	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	79.6	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		76-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-18-20160323		
Lab Sample ID:	JC16914-20	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	111%		73-122%
2037-26-5	Toluene-D8	104%		84-119%
460-00-4	4-Bromofluorobenzene	103%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-18-20160323		
Lab Sample ID:	JC16914-20	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130078.D	1	03/30/16	WO	n/a	n/a	GUV5224
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	2.24	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	97%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-18-20160323		
Lab Sample ID:	JC16914-20	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53944.D	1	03/27/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.154	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	55%		36-144%
16416-32-3	Tetracosane-d50	41%		32-138%
438-22-2	5a-Androstane	36%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-18-20160323		
Lab Sample ID:	JC16914-20	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	5.1	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW-19-20160323		
Lab Sample ID:	JC16914-21	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V27241.D	1	03/29/16	DR	n/a	n/a	V4V1055
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-19-20160323		
Lab Sample ID:	JC16914-21	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.77	1.0	0.24	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		76-120%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-19-20160323		
Lab Sample ID:	JC16914-21	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	108%		73-122%
2037-26-5	Toluene-D8	104%		84-119%
460-00-4	4-Bromofluorobenzene	101%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-19-20160323		
Lab Sample ID:	JC16914-21	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130124.D	1	03/31/16	JC	n/a	n/a	GUV5226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.214	0.20	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	87%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-19-20160323		
Lab Sample ID:	JC16914-21	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z54062.D	1	03/31/16	TL	03/30/16	OP92612	G2Z2044
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	49%		36-144%
16416-32-3	Tetracosane-d50	56%		32-138%
438-22-2	5a-Androstane	56%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-19-20160323		
Lab Sample ID:	JC16914-21	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	38.0	15	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW-20-20160323		
Lab Sample ID:	JC16914-22	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123050.D	1	03/26/16	DR	n/a	n/a	V2E5405
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	0.55	2.0	0.21	ug/l	J
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	0.96	2.0	0.26	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-20-20160323		
Lab Sample ID:	JC16914-22	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	1.1	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	0.31	1.0	0.23	ug/l	J
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.7	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	0.39	2.0	0.21	ug/l	J
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	181	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		76-120%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-20-20160323		
Lab Sample ID:	JC16914-22	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	112%		73-122%
2037-26-5	Toluene-D8	104%		84-119%
460-00-4	4-Bromofluorobenzene	104%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-20-20160323		
Lab Sample ID:	JC16914-22	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV130125.D	1	03/31/16	JC	n/a	n/a	GUV5226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.133	0.20	0.055	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	87%		55-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-20-20160323		
Lab Sample ID:	JC16914-22	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
Method:	SW846 8015C SW846 3510C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2Z53946.D	1	03/27/16	KD	03/26/16	OP92472	G2Z2040
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.0949	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	62%		36-144%
16416-32-3	Tetracosane-d50	44%		32-138%
438-22-2	5a-Androstane	37%		31-136%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW-20-20160323		
Lab Sample ID:	JC16914-22	**Date Sampled:**	03/23/16
Matrix:	AQ - Ground Water	**Date Received:**	03/24/16
		Percent Solids:	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	6.0	3.0	ug/l	1	03/28/16	04/01/16	GT	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA39072
(2) Prep QC Batch: MP92815

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JC16914-23	**Date Sampled:**	03/23/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2E123032.D	1	03/25/16	DR	n/a	n/a	V2E5404
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.3	ug/l	
71-43-2	Benzene	ND	0.50	0.24	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.19	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.37	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.23	ug/l	
75-25-2	Bromoform	ND	1.0	0.23	ug/l	
74-83-9	Bromomethane	ND	2.0	0.42	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	5.6	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.14	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.21	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.34	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.41	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.19	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.20	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.26	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.99	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.15	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.23	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.27	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.90	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.17	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.18	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.51	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.27	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.65	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.39	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JC16914-23	**Date Sampled:**	03/23/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
142-28-9	1,3-Dichloropropane	ND	1.0	0.15	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.33	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.27	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.26	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.23	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.21	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.27	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.73	ug/l	
91-20-3	Naphthalene	ND	5.0	0.20	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.21	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	2.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.19	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.62	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.18	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.40	ug/l	
108-88-3	Toluene	ND	1.0	0.16	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.21	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.21	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.43	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.22	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.29	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.15	ug/l	
	m,p-Xylene	ND	1.0	0.38	ug/l	
95-47-6	o-Xylene	ND	1.0	0.17	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		76-120%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JC16914-23	**Date Sampled:**	03/23/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	03/24/16
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%		73-122%
2037-26-5	Toluene-D8	103%		84-119%
460-00-4	4-Bromofluorobenzene	103%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: JC16914
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Methylene bromide	74-95-3	**SW846 8260C**	AQ	Accutest is not certified for this parameter.

Certification exceptions shown are based on the New Jersey DEP certifications. Applicability in other states may vary. Please contact your laboratory representative if additional information is required for a specific regulatory program.

ACCUTEST LABORATORIES

GW
FB
WB

CHAIN OF CUSTODY

PAGE 1 OF 2

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: JC16914

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 866 221 Quinebaug Road
City / State / Zip: North Grosvenordale CT 6255
Project Contact: Jen Maciejewski
E-mail: jmaciejewski@brwncald.com
Phone #: 856-330-9410
Fax #:
Sampler(s) Name(s): E. Miller, T. Smith
Phone #: 8568033766

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City / State: Bel Air MD
Project #: 148727.001.001.1028 ~~147683.001.000.0128~~
Client Purchase Order #:
Project Manager: Jen Maciejewski

Billing Information (if different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC + oxygenates	TPH GRO (8015B)	TPH DRO (8015B)	Lead	2x 500mL HCL D.I.O							LAB USE ONLY
1	FB-20160321		3/21/16	0940	EM/TS	FB	2	2								X											
2	MW-16I-20160321		3/21/16	1041	EM/TS	GW	8	7	1							X	X	X	X								E60
3	MW-16D-20160321		3/21/16	1136	EM/TS	GW	8	7	1							X	X	X	X								A3
4	MW-16S-20160321		3/21/16	1155	EM/TS	GW	8	7	1							X	X	X	X								V851
5	MW-17I-20160321		3/21/16	1409	EM/TS	GW	8	7	1							X	X	X	X								V852
6	MW-17D-20160321		3/21/16	1501	EM/TS	GW	8	7	1							X	X	X	X								
7	MW-17S-20160321		3/21/16	1521	EM/TS	GW	8	7	1							X	X	X	X								
8	MW-15D-20160322		3/22/16	1001	EM/TS	GW	8	7	1							X	X	X	X								
9	MW-15S-20160322		3/22/16	1015	EM/TS	GW	8	7	1							X	X	X	X								
10	MW-14-20160322		3/22/16	1430	EM/TS	GW	8	7	1							X	X	X	X								
11	MW-9-20160322		3/22/16	1440	EM/TS	GW	8	7	1							X	X	X	X								
12	RW-17-20160322		3/22/16	1450	EM/TS	GW	8	7	1							X	X	X	X								

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [x] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date: 7 day by WEI contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

INITIAL ASESSMENT 2B/ca
LABEL VERIFICATION JM

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	3/21/16 0950	1	2	3-24-16 1135	2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal # 462, 464, 468	Preserved where applicable	On Ice / Cooler Temp. 2.8 2.8 2.4
5		5			

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: JC16914

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 866 221 Quinebaug Road
City / State / Zip: North Grosvenordale CT 6255
Project Contact / E-mail: Jen Maciejewski jmaciejewski@brwncald.com
Phone #: 856-330-9410
Fax #:
Sampler(s) Name(s): E. Miller, T. Smith
Phone #: 8568033766

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City / State: Bel Air MD
Project # ~~148878~~ 148727.001.001.0128 ~~147683.001.003.0128~~
Client Purchase Order #:
Project Manager: Jen Maciejewski

Billing Information (if different from Report to)
Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC + oxygenates	TPH GRO (8015B)	TPH DRO (8015B)	Lead			24300mL Hel Dro						LAB USE ONLY
13	MW-8-20160322		3/22/16	1500	EM/TB	GW	8	7		1						X	X	X	X									
14	MW-11-20160322		3/22/16	1510	EM/TB	GW	8	7		1						X	X	X	X									
15	DUP-20160322		3/22/16	9999	EM/TB	GW	8	7		1						X	X	X	X									
16	MW-7-20160322		3/22/16	1530	EM/TB	GW	8	7		1						X	X	X	X									
17	FB-20160322		3/22/16	1550	EM/TB	FB	2	2								X												
18	RW-10-20160323		3/23/16	1300	EM/TB	GW	8	7		1						X	X	X	X									
19	RW-12-20160323		3/23/16	1410	EM/TB	GW	8	7		1						X	X	X	X									
20	RW-18-20160323		3/23/16	1420	EM/TB	GW	8	7		1						X	X	X	X									
21	RW-19-20160323	*	3/23/16	1440	EM/TB	GW	9	8		1						X	X	X	X									
22	RW-20-20160323		3/23/16	1450	EM/TB	GW	8	7		1						X	X	X	X									
23	FB-20160323		3/23/16	1140	EM/TB	FB	2	2								X												
24	TRIP BLANK -23		—	—	—	TB	2	2								X												

Turnaround Time (Business days)
- [ ] Std. 15 Business Days
- [x] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date: 7 day by WEI contract

Data Deliverable Information
- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

* VOA Qe

Sample Custody must be documented below each time samples change possession, including courier delivery. 1135 ~~1235~~

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	3/24/16 0950	1	2	3-24-16	2
3		3	4		4
5		5			

Custody Seal # 462, 464, 468 Intact Preserved where applicable On Ice Cooler Temp.

JC16914: Chain of Custody
Page 2 of 4

SGS Accutest Sample Receipt Summary

Job Number: JC16914 **Client:** DRAKE PETROLEUM CO,INC **Project:** BEL AIR PC#007805

Date / Time Received: 3/24/2016 11:35:00 AM **Delivery Method:** FedEx **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.8); Cooler 2: (2.0); Cooler 3: (2.4);

Cooler Temps (Corrected) °C: Cooler 1: (3.2); Cooler 2: (2.4); Cooler 3: (2.8);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No, Coolers	3	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☑	☐	☐
2. Trip Blank listed on COC:	☑	☐	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments DID NOT RECEIVE FB-20160323 .

4.2

4

JC16914: Chain of Custody

Page 3 of 4

Sample Receipt Summary - Problem Resolution

Job Number: JC16914

Initiator: ARLEXL

CSR: VP

Response Date: 3/25/2016

Response: Client notified, please proceed.

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

e-Hardcopy 2.0
Automated Report

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

148727.005.001.1028

SGS Accutest Job Number: JC16915

Sampling Date: 03/23/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: **11**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Test results relate only to samples analyzed.

SGS Accutest is the sole authority for authorizing edits or modifications to this document.
Unauthorized modification of this report is strictly prohibited.

Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC16915-1: 5MS-20160323 6
Section 4: Misc. Forms **9**
4.1: Chain of Custody 10

SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC16915

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.005.001.1028

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC16915-1	03/23/16	09:55	EM/TS	03/24/16	DW	Drinking Water	5MS-20160323

Summary of Hits

Job Number: JC16915
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/23/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC16915-1	**5MS-20160323**					
Methyl Tert Butyl Ether		0.32 J	0.50	0.030	ug/l	EPA 524.2 REV 4.1

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	5MS-20160323		
Lab Sample ID:	JC16915-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B102872.D	1	03/29/16	BK	n/a	n/a	V1B4877
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	5MS-20160323		
Lab Sample ID:	JC16915-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.32		0.50	0.030	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	5MS-20160323		
Lab Sample ID:	JC16915-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	109%		78-114%
460-00-4	4-Bromofluorobenzene	105%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

DW

CHAIN OF CUSTODY

PAGE 1 OF 1

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: JC16915

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 866 221 Quinebaug Road
City / State / Zip: North Grosvenordale CT 06255
Project Contact: Jen Kugler
E-mail: jmkugler@brwncald.com
Phone #: 856-330-9410
Fax #:
Sampler(s) Name(s): E. Miller, T. Smith
Phone #: 856-863-3144

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City / State: Bel Air MD
Project #: 148727.005.001.1028 ~~147608~~
Client Purchase Order #: PC# 007805
Project Manager: Jen Kugler

Billing Information (if different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

VOC + oxygenates via EPA 524.2 Drinking Water Method

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MECH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MECH	ENCORE	VOC + oxygenates via EPA 524.2 Drinking Water Method	LAB USE ONLY
1	SMS-20160323		3/23/16	0955	EM/TS	DW	3	3								X	V853

LABEL VERIFICATION JM

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [X] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WEI contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	3/24/16 0950	1	2	3-24-16 1135	2
3		3	4		4
5		5			

Custody Seal # 328 [ ] Intact [ ] Not intact
Preserved where applicable [ ]
On Ice [ ]
Cooler Temp. 2.6 °C

JC16915: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC16915 **Client:** _____ **Project:** _____

Date / Time Received: 3/24/2016 11:35:00 AM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (2.6);

Cooler Temps (Corrected) °C: Cooler 1: (3.0);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

JC16915: Chain of Custody
Page 2 of 2

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e-Hardcopy 2.0
Automated Report

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

148727.005.001.1028

SGS Accutest Job Number: JC16917

Sampling Date: 03/23/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: **11**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Test results relate only to samples analyzed.

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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC16917-1: 7MS-20160323 6
Section 4: Misc. Forms **9**
4.1: Chain of Custody 10

SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC16917

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.005.001.1028

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC16917-1	03/23/16	10:05	EM/TS	03/24/16	DW	Drinking Water	7MS-20160323

Summary of Hits

Job Number: JC16917
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/23/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC16917-1	**7MS-20160323**					

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	7MS-20160323		
Lab Sample ID:	JC16917-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B102873.D	1	03/29/16	BK	n/a	n/a	V1B4877
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	7MS-20160323		
Lab Sample ID:	JC16917-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.030	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	7MS-20160323		
Lab Sample ID:	JC16917-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	113%		78-114%
460-00-4	4-Bromofluorobenzene	110%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

DW

CHAIN OF CUSTODY

PAGE 1 OF 1

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #
Bottle Order Control #
Accutest Quote #
Accutest Job # JC16917

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 866 221 Quinebaug Road
City / State / Zip: North Grosvenordale CT 06255
Project Contact: Jen Kugler
E-mail: jmkugler@brwncald.com
Phone #: 856-330-9410
Fax #:
Sampler(s) Name(s): E. Miller, T. Smith 856-803-3744
Phone #:

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City / State: Bel Air MD
Project #: 148737.005.001.1028 [redacted]
Client Purchase Order #: PC# 007805
Project Manager: Jen Kugler

Billing Information (if different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

VOC + oxygenates via EPA 524.2 Drinking Water Method

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC + oxygenates via EPA 524.2 Drinking Water Method	LAB USE ONLY
1	TMS-20160323		3/23/16	1005	EM/TS	DW	3	3								X	V853

INITIAL ASSESSMENT 3/24/16
LABEL VERIFICATION

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [X] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WEI contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary / Partial Raw data

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	3/24/16 0910	1	2	3-24-16	
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # 328 [ ] Intact [ ] Not Intact	Preserved where applicable [ ]	On Ice [ ] Cooler Temp 2.6

C.P.

JC16917: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC16917 **Client:** _____ **Project:** _____

Date / Time Received: 3/24/2016 11:35:00 AM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (2.6);

Cooler Temps (Corrected) °C: Cooler 1: (3.0);

Cooler Security

	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature

	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation

	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation

	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition

	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions

	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

JC16917: Chain of Custody
Page 2 of 2

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e-Hardcopy 2.0
Automated Report

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

148727.005.001.1028

SGS Accutest Job Number: JC16919

Sampling Date: 03/23/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: **14**

NELAP ACCREDITED TNI LABORATORY

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy T. Cole
Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC16919-1: 3MS-20160323 6
3.2: JC16919-2: FB20160323 9
Section 4: Misc. Forms **12**
4.1: Chain of Custody 13

SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC16919

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.005.001.1028

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC16919-1	03/23/16	09:45	EM/TS	03/24/16	DW	Drinking Water	3MS-20160323
JC16919-2	03/23/16	11:40	EM/TS	03/24/16	DW	Drinking Water FB	FB20160323

Summary of Hits

Job Number: JC16919
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/23/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC16919-1	**3MS-20160323**					
Methyl Tert Butyl Ether		0.31 J	0.50	0.030	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		1.7 J	5.0	0.89	ug/l	EPA 524.2 REV 4.1
JC16919-2	**FB20160323**					
Total TIC, Volatile		0.57 J			ug/l	

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	3MS-20160323		
Lab Sample ID:	JC16919-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B102876.D	1	03/29/16	BK	n/a	n/a	V1B4877
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	3MS-20160323		
Lab Sample ID:	JC16919-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.31		0.50	0.030	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	1.7		5.0	0.89	ug/l	J
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	3MS-20160323		
Lab Sample ID:	JC16919-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	108%		78-114%
460-00-4	4-Bromofluorobenzene	107%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB20160323		
Lab Sample ID:	JC16919-2	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water FB	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B102877.D	1	03/29/16	BK	n/a	n/a	V1B4877
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

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MCL = Maximum Contamination Level (40 CFR 141) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB20160323		
Lab Sample ID:	JC16919-2	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water FB	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
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156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.030	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB20160323		
Lab Sample ID:	JC16919-2	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water FB	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	110%		78-114%
460-00-4	4-Bromofluorobenzene	108%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	9.59	.57	ug/l	J
	Total TIC, Volatile		.57	ug/l	J

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

DW
FB

CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #
Bottle Order Control #
Accutest Quote #
Accutest Job # JC16919

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 866 221 Quinebaug Road
City / State / Zip: North Grosvenordale CT 06255
Project Contact: Jen Kugler
E-mail: jmkugler@brwncald.com
Phone #: 856-330-9410
Fax #:
Sampler(s) Name(s): E Miller, T. Smith
Phone #: 8568033706

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City / State: Bel Air MD
Project #: ~~147583~~ 148727.005.001.1028
Client Purchase Order #: PC# 007805
Project Manager: Jen Kugler

Billing Information (if different from Report to)

Company Name
Street Address
City / State / Zip
Attention:

Requested Analysis (see TEST CODE sheet)

VOC + oxygenates via EPA 524.2 Drinking Water Method

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC + oxygenates via EPA 524.2 Drinking Water Method	LAB USE ONLY
1	3MS-20160323		3/23/16	0945	EM/TS	DW	3	3								X	V853
2	FB 20160323		3/23/16	1140		DW	2	2								X	

INITIAL ASSESSMENT 30/60
LABEL VERIFICATION

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [x] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WEI contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	3/24/16 0945	1	2	3-24-16 1135	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # 328	Preserved where applicable	On Ice / Cooler Temp. 2.6

[ ] Intact
[ ] Not intact

4.1
4

JC16919: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC16919 **Client:** _____ **Project:** _____

Date / Time Received: 3/24/2016 11:35:00 AM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (2.6);

Cooler Temps (Corrected) °C: Cooler 1: (3.0);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

JC16919: Chain of Custody
Page 2 of 2

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

e-Hardcopy 2.0
Automated Report

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

148727.005.001.1028

SGS Accutest Job Number: JC16920

Sampling Date: 03/23/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: **11**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC16920-1: 2303CHVL-20160323 6
Section 4: Misc. Forms **9**
4.1: Chain of Custody 10

SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC16920

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.005.001.1028

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC16920-1	03/23/16	11:20	EM/TS	03/24/16	DW	Drinking Water	2303CHVL-20160323

Summary of Hits

Job Number: JC16920
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/23/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC16920-1	**2303CHVL-20160323**					
Chloroform		0.77	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		0.48 J	0.50	0.030	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		1.2 J	5.0	0.89	ug/l	EPA 524.2 REV 4.1

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	2303CHVL-20160323		
Lab Sample ID:	JC16920-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B102878.D	1	03/29/16	BK	n/a	n/a	V1B4877
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	0.77		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	2303CHVL-20160323		
Lab Sample ID:	JC16920-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.48		0.50	0.030	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	1.2		5.0	0.89	ug/l	J
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	2303CHVL-20160323		
Lab Sample ID:	JC16920-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	111%		78-114%
460-00-4	4-Bromofluorobenzene	108%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

DW

CHAIN OF CUSTODY

PAGE 1 OF 1

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #
Bottle Order Control #
Accutest Quote #
Accutest Job # JC16920

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 866 221 Quinebaug Road
City / State / Zip: North Grosvenordale CT 06255
Project Contact: Jen Kugler
E-mail: jmkugler@brwncald.com
Phone #: 856-330-9410
Fax #:
Sampler(s) Name(s): E. Miller, T. Smith 856-803-3744
Phone #:

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City / State: Bel Air MD
Project #: 118227.005.001.1025
Client Purchase Order #: PC# 007805
Project Manager: Jen Kugler

Billing Information (if different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

VOC + oxygenates via EPA 524.2 Drinking Water Method

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC + oxygenates via EPA 524.2 Drinking Water Method	LAB USE ONLY
1	2303CHVL-20160323		3/23/16	1120	E/T/S	DW	3	3								Y	V853

INITIAL ASSESSMENT 3/24/16
LABEL VERIFICATION

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [x] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WEI contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date/Time:	Received By:	Relinquished By:	Date/Time:	Received By:
1	3/24/16 0850	1		3-25-16 1135	2
3		3	4		4
5		5			

Custody Seal # 328 [ ] Intact [ ] Not intact
Preserved where applicable [ ]
On Ice [✓]
Cooler Temp. 2.6 C

4.1
4

JC16920: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC16920 **Client:** _____ **Project:** _____

Date / Time Received: 3/24/2016 11:35:00 AM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (2.6);

Cooler Temps (Corrected) °C: Cooler 1: (3.0);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

JC16920: Chain of Custody
Page 2 of 2

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Automated Report

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

148727.005.001.1028

SGS Accutest Job Number: JC16921

Sampling Date: 03/23/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: **23**

NELAP ACCREDITED TNI LABORATORY

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy T. Cole
Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC16921-1: POET-EFF-20160323 6
3.2: JC16921-2: POET-MID2-20160323 9
3.3: JC16921-3: POET-INF-20160323 12
3.4: JC16921-4: DUP-20160323 15
3.5: JC16921-5: FB-20160323 18
Section 4: Misc. Forms **21**
4.1: Chain of Custody 22

SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC16921

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.005.001.1028

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC16921-1	03/23/16	11:00	EM/TS	03/24/16	DW	Drinking Water Eff	POET-EFF-20160323
JC16921-2	03/23/16	11:05	EM/TS	03/24/16	DW	Drinking Water	POET-MID2-20160323
JC16921-3	03/23/16	11:10	EM/TS	03/24/16	DW	Drinking Water Inf	POET-INF-20160323
JC16921-4	03/23/16	00:00	EM/TS	03/24/16	DW	Drinking Water	DUP-20160323
JC16921-5	03/23/16	15:50	EM/TS	03/24/16	DW	Drinking Water FB	FB-20160323

Summary of Hits

Job Number: JC16921
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/23/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC16921-1	**POET-EFF-20160323**					
Carbon disulfide		0.17 J	0.50	0.028	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		1.6 J	5.0	0.89	ug/l	EPA 524.2 REV 4.1
JC16921-2	**POET-MID2-20160323**					
Carbon disulfide		0.23 J	0.50	0.028	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		1.7 J	5.0	0.89	ug/l	EPA 524.2 REV 4.1
JC16921-3	**POET-INF-20160323**					
Acetone		2.7 J	5.0	0.91	ug/l	EPA 524.2 REV 4.1
Benzene		6.4	0.50	0.057	ug/l	EPA 524.2 REV 4.1
Di-Isopropyl ether		0.68	0.50	0.038	ug/l	EPA 524.2 REV 4.1
Ethyl tert Butyl Ether		0.21 J	0.50	0.025	ug/l	EPA 524.2 REV 4.1
Isopropylbenzene		0.16 J	0.50	0.054	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		185	5.0	0.30	ug/l	EPA 524.2 REV 4.1
Naphthalene		0.41 J	0.50	0.084	ug/l	EPA 524.2 REV 4.1
tert-Amyl Methyl Ether		6.0	0.50	0.099	ug/l	EPA 524.2 REV 4.1
1,2,4-Trimethylbenzene		0.21 J	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		63.6	5.0	0.89	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		1.73 J			ug/l	
JC16921-4	**DUP-20160323**					
Acetone		3.2 J	5.0	0.91	ug/l	EPA 524.2 REV 4.1
Benzene		6.6	0.50	0.057	ug/l	EPA 524.2 REV 4.1
Carbon disulfide		0.11 J	0.50	0.028	ug/l	EPA 524.2 REV 4.1
Di-Isopropyl ether		0.68	0.50	0.038	ug/l	EPA 524.2 REV 4.1
Ethyl tert Butyl Ether		0.22 J	0.50	0.025	ug/l	EPA 524.2 REV 4.1
Isopropylbenzene		0.17 J	0.50	0.054	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		182	5.0	0.30	ug/l	EPA 524.2 REV 4.1
Naphthalene		0.42 J	0.50	0.084	ug/l	EPA 524.2 REV 4.1
tert-Amyl Methyl Ether		6.1	0.50	0.099	ug/l	EPA 524.2 REV 4.1
1,2,4-Trimethylbenzene		0.16 J	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		65.5	5.0	0.89	ug/l	EPA 524.2 REV 4.1
o-Xylene		0.12 J	0.50	0.029	ug/l	EPA 524.2 REV 4.1
Xylenes (total)		0.12 J	0.50	0.029	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		1.2 J			ug/l	
JC16921-5	**FB-20160323**					

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	POET-EFF-20160323		
Lab Sample ID:	JC16921-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water Eff	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B102879.D	1	03/29/16	BK	n/a	n/a	V1B4877
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	0.17		0.50	0.028	ug/l	J
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-EFF-20160323		
Lab Sample ID:	JC16921-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water Eff	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.030	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	1.6		5.0	0.89	ug/l	J
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-EFF-20160323		
Lab Sample ID:	JC16921-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water Eff	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	108%		78-114%
460-00-4	4-Bromofluorobenzene	107%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-MID2-20160323		
Lab Sample ID:	JC16921-2	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B102880.D	1	03/29/16	BK	n/a	n/a	V1B4877
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	0.23		0.50	0.028	ug/l	J
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-MID2-20160323		
Lab Sample ID:	JC16921-2	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.030	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	1.7		5.0	0.89	ug/l	J
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-MID2-20160323		
Lab Sample ID:	JC16921-2	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	110%		78-114%
460-00-4	4-Bromofluorobenzene	108%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-INF-20160323		
Lab Sample ID:	JC16921-3	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water Inf	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B102881.D	1	03/29/16	BK	n/a	n/a	V1B4877
Run #2	1B102895.D	10	03/30/16	BK	n/a	n/a	V1B4878

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	2.7		5.0	0.91	ug/l	J
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	6.4	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-INF-20160323		
Lab Sample ID:	JC16921-3	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water Inf	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	0.68		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	0.21		0.50	0.025	ug/l	J
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	0.16		0.50	0.054	ug/l	J
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	185 [a]		5.0	0.30	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	0.41		0.50	0.084	ug/l	J
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	6.0		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.21		0.50	0.031	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	63.6		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	POET-INF-20160323		
Lab Sample ID:	JC16921-3	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water Inf	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	108%	108%	78-114%
460-00-4	4-Bromofluorobenzene	107%	109%	77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
75-85-4	Amylene Hydrate	10.89	1.2	ug/l	JN
	unknown	12.79	.53	ug/l	J
	Total TIC, Volatile		1.73	ug/l	J

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-20160323		
Lab Sample ID:	JC16921-4	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B102882.D	1	03/29/16	BK	n/a	n/a	V1B4877
Run #2	1B102896.D	10	03/30/16	BK	n/a	n/a	V1B4878

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	3.2		5.0	0.91	ug/l	J
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	6.6	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	0.11		0.50	0.028	ug/l	J
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-20160323		
Lab Sample ID:	JC16921-4	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	0.68		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	0.22		0.50	0.025	ug/l	J
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	0.17		0.50	0.054	ug/l	J
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	182 [a]		5.0	0.30	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	0.42		0.50	0.084	ug/l	J
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	6.1		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.16		0.50	0.031	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	65.5		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	0.12		0.50	0.029	ug/l	J
1330-20-7	Xylenes (total)	0.12	10000	0.50	0.029	ug/l	J

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-20160323		
Lab Sample ID:	JC16921-4	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	109%	108%	78-114%
460-00-4	4-Bromofluorobenzene	108%	107%	77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
75-85-4	Amylene Hydrate	10.89	1.2	ug/l	JN
	Total TIC, Volatile		1.2	ug/l	J

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB-20160323		
Lab Sample ID:	JC16921-5	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water FB	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B102883.D	1	03/29/16	BK	n/a	n/a	V1B4877
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB-20160323		
Lab Sample ID:	JC16921-5	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water FB	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.030	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB-20160323		
Lab Sample ID:	JC16921-5	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water FB	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	110%		78-114%
460-00-4	4-Bromofluorobenzene	108%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

DW
FB

CHAIN OF CUSTODY

PAGE 1 OF 1

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #
Bottle Order Control #
Accutest Quote #
Accutest Job # JC16921

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 866 221 Quinebaug Road
City State Zip: North Grosvenordale CT 06255
Project Contact: Jen Kugler
E-mail: jmkugler@brwncald.com
Phone #: 856-330-9410
Fax #:
Sampler(s) Name(s): E. Miller, T. Smith
Phone #: 8568033764

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City State: Bel Air MD
Project #: 1148727.005.001.1028
Client Purchase Order #: PC# 007805
Project Manager: Jen Kugler

Billing Information (if different from Report to)
Company Name
Street Address
City State Zip
Attention:

Requested Analysis (see TEST CODE sheet)

VOC + oxygenates via EPA 524.2 Drinking Water Method

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; Oil - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC + oxygenates via EPA 524.2 Drinking Water Method	LAB USE ONLY
1	POET-EFF-20160323		3/23/16	1100	EM/TS	DW	3	3								X	V853
2	POET-MID2-20160323		3/23/16	1105	EM/TS	DW	3	3								X	
3	POET-INF-20160323		3/23/16	1110	EM/TS	DW	3	3								X	
4	DUP-20160323		3/23/16	9999	EM/TS	DW	3	3								X	
5	FB-20160323		3/23/16	1550	EM/TS	FB	2	2								X	

INITIAL ASESSMENT
LABEL VERIFICATION

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [X] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WEI contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	3/24/16 0954	1		3.24.16	
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # 328	Preserved where applicable	On Ice / Cooler Temp. 2.6 C

[X] Intact [ ] Not intact

JC16921: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC16921 **Client:** _____ **Project:** _____

Date / Time Received: 3/24/2016 11:35:00 AM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (2.6);

Cooler Temps (Corrected) °C: Cooler 1: (3.0);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

JC16921: Chain of Custody
Page 2 of 2

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Automated Report

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

148727.005.001.1028

SGS Accutest Job Number: JC16922

Sampling Date: 03/23/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: **11**

NELAP ACCREDITED TNI LABORATORY

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy T. Cole
Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC16922-1: 10MS-20160323 6
Section 4: Misc. Forms **9**
4.1: Chain of Custody 10

SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC16922

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.005.001.1028

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC16922-1	03/23/16	10:30	EM/TS	03/24/16	DW	Drinking Water	10MS-20160323

Summary of Hits

Job Number: JC16922
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/23/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC16922-1	**10MS-20160323**					
Chloroform		0.27 J	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		0.30 J	0.50	0.030	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		1.8 J	5.0	0.89	ug/l	EPA 524.2 REV 4.1

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	10MS-20160323		
Lab Sample ID:	JC16922-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B102884.D	1	03/30/16	BK	n/a	n/a	V1B4877
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	0.27		0.50	0.031	ug/l	J
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141) B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	10MS-20160323		
Lab Sample ID:	JC16922-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.30		0.50	0.030	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	1.8		5.0	0.89	ug/l	J
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	10MS-20160323		
Lab Sample ID:	JC16922-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	108%		78-114%
460-00-4	4-Bromofluorobenzene	107%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

DW

CHAIN OF CUSTODY

PAGE 1 OF 1

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: JC16922

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 866 221 Quinebaug Road
City / State / Zip: North Grosvenordale CT 06255
Project Contact: Jen Kugler
E-mail: jmkugler@brwncald.com
Phone #: 856-330-9410
Fax #:
Sampler(s) Name(s): E. Miller, T. Smith 856 803 3744
Phone #:

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City / State: Bel Air MD
Project #: 1185727.005.001.1028 ~~147883~~
Client Purchase Order #: PC# 007805
Project Manager: Jen Kugler

Billing Information (if different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

VOC + oxygenates via EPA 524.2 Drinking Water Method

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC + oxygenates via EPA 524.2 Drinking Water Method	LAB USE ONLY
1	10MS-20160323		3/23/16	1030	S.M/TS	DW	3	3								Y	V854

INITIAL ASESSMENT 3/24/16
LABEL VERIFICATION

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [X] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WEI contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	3/24/16 0880	1	2	3-24-16 1135	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # 328	Intact / Not intact	Preserved where applicable / On Ice / Cooler Temp. 2.6

4.1
4

JC16922: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC16922 **Client:** _____ **Project:** _____

Date / Time Received: 3/24/2016 11:35:00 AM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (2.6);

Cooler Temps (Corrected) °C: Cooler 1: (3.0);

Cooler Security

	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature

	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation

	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation

	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition

	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions

	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

4.1

4

JC16922: Chain of Custody

Page 2 of 2

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Automated Report

Technical Report for

Drake Petroleum Company, Inc.

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

148727.005.001.1028

SGS Accutest Job Number: JC16923

Sampling Date: 03/23/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255

ATTN: Eric Harvey

Total number of pages in report: **11**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, TX, VA, WV, DoD ELAP (L-A-B L2248)

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Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JC16923-1: 9MS-20160323 6
Section 4: Misc. Forms **9**
4.1: Chain of Custody 10

SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC16923

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.005.001.1028

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC16923-1	03/23/16	10:20	EM/TS	03/24/16	DW	Drinking Water	9MS-20160323

Summary of Hits

Job Number: JC16923
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 03/23/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC16923-1	**9MS-20160323**					
Methyl Tert Butyl Ether		0.34 J	0.50	0.030	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		1.9 J	5.0	0.89	ug/l	EPA 524.2 REV 4.1

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	9MS-20160323		
Lab Sample ID:	JC16923-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B102885.D	1	03/30/16	BK	n/a	n/a	V1B4877
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.046	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	9MS-20160323		
Lab Sample ID:	JC16923-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.34		0.50	0.030	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	1.9		5.0	0.89	ug/l	J
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	ug/l	

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	9MS-20160323		
Lab Sample ID:	JC16923-1	**Date Sampled:**	03/23/16
Matrix:	DW - Drinking Water	**Date Received:**	03/24/16
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	106%		78-114%
460-00-4	4-Bromofluorobenzene	105%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected MDL = Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

DW

CHAIN OF CUSTODY

PAGE 1 OF 1

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: JC16923

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 866 221 Quinebaug Road
City / State / Zip: North Grosvenordale CT 06255
Project Contact: Jen Kugler
E-mail: jmkugler@brwncald.com
Phone #: 856-330-9410
Fax #:
Sampler(s) Name(s): E. Miller, T. Smith 856 803 3744
Phone #:

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City / State: Bel Air MD
Project #: 118727.005.001.1028 ~~147009~~
Client Purchase Order #: PC# 007805
Project Manager: Jen Kugler

Billing Information (if different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

VOC + oxygenates via EPA 524.2 Drinking Water Method

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC + oxygenates via EPA 524.2 Drinking Water Method	LAB USE ONLY
1	9MS-20140323		3/23/14	1020	EM/TS	DW	3	3								X	V854

INITIAL ASSESSMENT 3/24
LABELVERIFICATION DG

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [X] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:
7 day by WEI contract

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	3/24/16 0830	1	2	3/24/16 1135	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # 328 [ ] Intact [ ] Not intact	Preserved where applicable [ ]	On Ice [ ] Cooler Temp. 2.6

4.1
4

JC16923: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC16923 **Client:** _____ **Project:** _____

Date / Time Received: 3/24/2016 11:35:00 AM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (2.6);

Cooler Temps (Corrected) °C: Cooler 1: (3.0);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

JC16923: Chain of Custody
Page 2 of 2

Appendix B: Historic Groundwater Results and Elevation Data

BEL AIR XTRA FUELS
SITE HISTORY

Site History	
1988	The Maryland Department of the Environment (MDE) opens case number 1989-0972-HA in response to a compliance inspection indicating damaged fill caps on the underground storage tank (UST) system owned and operated by Easton Petroleum Company, Inc. (Easton Petroleum).
1989	First generation underground storage tanks (USTs) were removed and five (5) single-walled composite steel/fiberglass USTs installed on behalf of Easton Petroleum: one (1) 10,000-gallon gasoline, two (2) 8,000-gallon gasoline, one (1) 8,000-gallon diesel and one (1) 8,000-gallon kerosene.
05/89	MDE tank removal report for removal of four (4) gasoline USTs and one (1) heating oil UST. Inspectors noted slight impact around fill ports.
05/89	MDE New Installation report for five (5) new USTs.
05/89	MDE Tank Removal Report for the removal of a used oil UST (no perforations) and the heating oil UST (1/8" perforation at the top of the tank).
02/91	MDE report of soil and groundwater contamination.
04/91	Four (4) monitoring wells were installed on behalf of Easton Petroleum as part of a Phase I and Phase II Environmental Site Assessment (ESA).
06/91	Liquid non-aqueous phase liquids (LNAPL) were observed during ESA investigation and the MDE responded by issuing Notice of Violation NOV-91-182 to Mr. Marvin Taylor of J. E. Meintzer. The MDE required installation of additional monitoring well and a remediation system.
03/92	A groundwater remediation system was installed using ten (10) monitoring wells, two (2) recovery wells (R-1 and R-2), an oil/water separator tank, a pre-aerator, and two (2) liquid granular activated carbon (GAC) treatment units.
12/92	Harford County Health Department (HCHD) requested potable drinking water well sampling in the vicinity of the site. Sampling was conducted and Volatile Organic Carbons (VOCs) related to gasoline were not detected. The laboratory analytical results were reported to MDE and follow-up was requested.
07/93	The remediation system was upgraded to include two (2) aeration units, as approved by the MDE.
09/93	Notice of Violation (NV) NV-91-182B issued due to free-phase petroleum product present in monitoring wells MW-1 and MW-2 and monthly reports not being submitted as required.
10/93	Proposal submitted to MDE for installation of a recovery well adjacent to monitoring well MW-1 and installation of a passive bailer in monitoring well MW-2.
01/94	Installation of the new recovery well RW-3.
04/94	Recovery well RW-3 connected to established remediation system. Passive bailer installed in monitoring well MW-2 for LNAPL removal.
06/95	Routine MDE inspection, inspectors noted product in the catch basins.
06/95	Soil Vapor Extraction (SVE) pilot test conducted and monitoring well MW-9 was installed.
07/95	Environmental Diagnostic Services report, tank tightness tested. All passed.
11/95	A SVE test was conducted with groundwater depression.
10/96	MDE directive letter to Mr. Marvin Taylor requiring installation of a stage II vapor recovery system.
12/96	MDE requests remediation system discharge location to be moved to a down-gradient storm drain.
01/97	Monitoring well MW-2 is paved over with asphalt and is no longer accessible.
05/97	Request from the MDE to install Oxygen Release Compound (ORC) filter socks in monitoring wells, MW-7 and MW-9.
10/97	Pumps removed from recovery wells RW-1 and RW-3 and the system was reconfigured to include groundwater extraction from monitoring wells MW-1, MW-9, and recovery well RW-3; replaced the former 55-gallon aerator units with a shallow tray aerator unit to enhance treatment of the recovered groundwater.
06/00	Site is documented by the MDE to be temporarily out of service. All above ground equipment was removed and product lines capped.
10/00	The MDE approves a request for the implementation of cleaning groundwater recovery wells RW-1 and RW-2, and initiating Enhanced Fluid Recovery (EFR) events on recovery wells RW-1 and RW-3 and monitoring wells MW-1, MW-2 and MW-7.
11/00	Well, pump, and remediation system cleaning conducted along with EFR event.
01/01	MDE UST Form stating that Campus Hills owns the USTs.
03/01	MDE received notification that Kenyon Oil leases Site and returned out-of-service USTs to active status.
04/01	MDE routine inspection, inspectors noted that the station is now an Xtramart operated by Kenyon Oil Company.
05/01	MDE approves an Envirojet event and groundwater and vapor extraction from monitoring well MW-7, and the accumulation of LNAPL in recovery well RW-3 and former recovery well RW-1.
06/01	MDE emergency response for leak in hose.
06/01	Kenyon Oil Company contacted the MDE to follow up on the emergency response.

Site History	
07/01	Precision testing of tanks occurred on 7/3/2001, line test failed.
07/01	New case opened for leaking line.
08/01	MDE closes case for line leak.
02/02	Easton Petroleum request to shut the recovery system down due to drought conditions.
03/02	MDE grants system shut down until the water levels have recovered, at which time it will return to operation as per Notice of Violation NV-91-182C.
07/02	A notice was sent to Easton Petroleum from the MDE, requesting all monitoring data from the time of system shut-down to the present.
12/03	Kenyon Oil Company merges with Drake Petroleum Company, Inc. (Drake). Effective 1/1/2004.
10/04	MDE was notified that Easton Petroleum forfeited status to operate a business in the state of Maryland.
01/05	As the current UST owner, Drake, began sampling the network of twelve (12) monitoring wells and four (4) recovery wells in accordance with Code of Maryland Regulations (COMAR) 26.10.02.03-.03-6.
05/05	Groundwater sampling data submitted on behalf of Drake per MDE request.
05/05	Receptor survey and UST system testing was conducted on behalf of Drake.
07/05	Report of receptor survey and UST system testing data submitted to MDE as part of emergency regulations.
01/07	MDE submitted letter to Campus Hills/Rosen stating they own and need to register the USTs.
02/07	Drake submitted a letter to Rosen stating they operate the USTs but Rosen owns and needs to register the USTs.
04/07	Groundwater & Environmental Services, Inc. (GES), on behalf of Drake, requests the MDE remove Drake from Responsible Party status.
05/07	MDE letter to Rosen and Drake requiring a resolution of the ownership issue and register the USTs.
05/07	Drake submitted letter to MDE stating they operate but do not own the USTs.
01/08	MDE requests UST systems tested for vapor leaks and spill basins and update all UST submersible sumps.
08/08	Station closed for tank top repairs (retrofit of containment sumps around the submersible turbine pumps) requested by MDE directive.
05/09	GES on behalf of Drake submitted proof that the Site is connected to public water. Site potable sampling terminated.
10/09	Monitoring well system abandoned with the exception of monitoring wells MW-7 and MW-9, so these monitoring wells could be used for HRGUA sampling.
11/09	New monitoring wells MW-10 and MW-11 installed for HRGUA sampling.
02/10	Site Characterization Report (SCR) submitted to MDE documenting results of the installation of monitoring wells MW-10 and MW-11.
07/10	Warren Equities, Inc. (WEI) submits letter to MDE stating that Drake is not the responsible party for MDE case #89-0972HA.
10/10	MDE sends a Non-Compliance letter to WEI.
11/10	WEI submits letter to MDE stating that Drake is not the responsible party for MDE case #89-0972HA.
12/10	SCR submitted to MDE.
01/11	MDE requests a SCR Addendum (SCRA) including results of down gradient characterization activities and two (2) quarterly post site characterization monitoring events.
06/11	GES on behalf of Drake submits Work Plan for vertical delineation of apparent source to MDE.
07/11	MDE approved the GES and Drake potable well sampling letter for 2317 and 2319 Churchville Road.
07/11	MDE issued Conditional Workplan Approval.
08/11	Drake submitted UST testing results to MDE.
08/11	GES submitted additional information regarding the installation of the nested monitoring wells, per MDE's request. MDE approved the installation on August 26, 2011.
08/11	Access agreement was signed between Drake and the Campus Hills Shopping Center property owner to install monitoring wells off-site.
08/11	GES installed four (4) new monitoring wells (MW-12, MW-13, MW-14 and MW-16) on August 24 through 29, 2011.
08/11	GES submitted a request to reduce the size of PMW-13 from four-inch to one-inch diameter based on space and safety constraints at this location and the recovery of monitoring well MW-8 on this date. MDE approved request.
08/11	Potable drinking water well at 2319 Churchville Road was sampled.
08/11	Maryland State Highway Authority (SHA) issued a right-of-way permit for the proposed nested monitoring well in the shoulder of Churchville Road on August 31, 2011.
09/11	Potable drinking water well at 2317 Churchville Road was sampled.
09/11	Feasibility Testing was conducted on September 8 and 9, 2011.
09/11	Potable drinking water well sampling results letter was submitted to the property owner at 2319 Churchville Road.

Site History	
09/11	Potable drinking water well sampling results were submitted to the property owner of 2317 Churchville Road.
09/11	GES, on behalf of Drake, requested a Corrective Action Plan (CAP) extension due to driller cancellation of the proposed nested monitoring wells in the Churchville Road right of way.
10/11	GES, on behalf of Drake, submits CAP to MDE.
12/11	Monitoring wells MW-15S and MW-15D are installed on the property of 2319 E. Churchville Rd.
01/12	MDE directive dated January 18, 2012 approving CAP activities for a remedial system installation.
01/12	GES submitted the MDE requested additional information for CAP approval on January 30, 2012.
02/12	A windshield survey was conducted to search for additional potable drinking water wells not listed in the MDE database on February 29, 2012 and the local area map was updated to reflect the potable drinking water wells found.
03/12	GES installed four (4) new recovery wells (RW-17, RW-18, RW-19 and RW-20) on March 19 through 23, 2012.
04/12	Subsurface Investigation Report submitted to the MDE for the installation of monitoring wells MW-15S and MW-15D.
05/12	GES met with officials from the Harford County Building and Zoning Office to select a location for the remediation system, review design and review variance waivers on May 3, 2012.
05/12	GES on-site for oversight of a Maryland licensed driller completing abandonment of two (2) one (1)-inch monitoring wells (MW-13 and MW-16) on May 5, 2012.
05/12	MDE acknowledgment of GES request for information from Public Information Act on May 18, 2012.
06/12	Remediation system trenching was conducted on June 18 through June 27, 2012.
06/12	Remediation system discharge trenching was conducted on June 19 through June 27, 2012.
06/12	Remediation system electrical trenching was conducted June 22 through June 27, 2012.
06/12	GES awarded the remediation system design bid to Product Level Control, Inc. (PLC).
06/12	The Notice of Intent for Discharge of Treated Groundwater was submitted on June 25, 2012.
06/12	On June 19, 2012, Campus Hills signed an access agreement granting Drake access to connect to the storm drain in the shopping center parking lot to discharge treated groundwater from the remediation system.
07/12	MDE approves air stripper and SVE blower permits.
08/12	MDE directive dated August 14, 2012 opened MDE case #2013-0007-HA requesting GAC installation and additional activities.
08/12	Remedial Vacuum Enhanced Groundwater Extraction (VEGE) system delivered to Site.
08/12	Potable well sampling completed on August 27, 2012 at 5 Meadow Spring Drive and 2303 Churchville Road.
08/12	A Point of Entry Treatment (POET) system was installed on August 29, 2012 to the potable drinking water supply well at 1 Meadow Spring Drive by Suburban Water Technology.
08/12	GES submitted a Supplemental Subsurface Work Plan on August 30, 2012 to the MDE in response to the MDE directive dated August 14, 2012.
09/12	A file review completed on September 5, 2012, at the Harford County Department of Health for potable drinking water well completion logs and sampling results within a half mile (½) radius of the Site.
09/12	Potable drinking water well sampling results for 5 Meadow Spring Drive and 2303 Churchville Road were submitted to the property owners.
09/12	Monthly POET sampling (Influent, Mid 2 and Effluent) at 1 Meadow Spring Drive and annual potable drinking water well sampling at 2317 & 2319 Churchville Road occurred on September 6, 2012.
09/12	GES received approved Building Permit from the Harford County Department of Permits.
09/12	Potable drinking water well sampling results for 1 Meadow Spring Drive, 2317 Churchville Road and 2319 Churchville Road were submitted to the property owners.
09/12	MDE directive dated September 25, 2012,received requesting potable drinking water well sampling at 7, 9 and 10 Meadow Spring Drive.
10/12	Monthly POET sampling (Influent, Mid 2 and Effluent) at 1 Meadow Spring Drive on October 4, 2012.
10/12	GES received a Notice of Application Received for State Permit from the MDE on October 11, 2012.
10/12	POET system results for 1 Meadow Spring Drive were submitted to the MDE, Harford County Department of Health and the property owners on October 15, 2012.
10/12	Potable drinking water well sampling completed on October 16, 2012 at 7, 9 and 10 Meadow Spring Drive.
10/12	GES received a State Water Appropriation Permit from the MDE on October 19, 2012.
10/12	GES responded to the MDE directive dated September 25, 2012 requesting potable drinking water well sampling at 7, 9 and 10 Meadow Spring Drive on October 31, 2012.

Site History	
11/12	Monthly POET sampling (Influent, Mid 2 and Effluent) at 1 Meadow Spring Drive on November 1, 2012.
11/12	Potable drinking water well sampling results for 7, 9 and 10 Meadow Spring Drive were submitted to the MDE, Harford County Department of Health and the property owners on November 2, 2012.
11/12	The MDE received the schedule for the system start-up on November 13, 2012.
11/12	GES conducted startup activities for the VEGE remediation system on November 20, 2012 with monitoring well MW-10 (converted to recovery well RW-10), monitoring well MW-12(converted to recovery well RW-12), and recovery well RW-17 online.
11/12	GES conducted system check on November 21, 2012.
11/12	GES sampled the effluent port of the remediation system on November 26, 2012.
11/12	POET system sampling results for 1 Meadow Spring Drive were submitted to the MDE, Harford County Department of Health and the property owners on November 27, 2012.
12/12	MDE on site to observe operation of the VEGE remediation system on December 3, 2012.
12/12	GES conducted quarterly groundwater monitoring event on December 3, 2012.
12/12	GES, Brown and Caldwell (BC), and Drake meet onsite to transition remedial services from GES to BC on December 10, 2012.
12/12	GES conducted system check on December 10, 2012.
12/12	BC sampled the effluent port of the VEGE system and conducted remediation system check on December 19, 2012.
12/12	BC conducted Monthly POET system sampling (influent, Mid 2 and Effluent) at 1 Meadow Spring Drive on December 19, 2012.
01/13	BC sampled the effluent port of the VEGE remediation system and conducted a remediation system check on January 9, 2013.
01/13	Monthly POET system sampling (Influent, Mid 2 and Effluent) at 1 Meadow Spring Drive on January 25, 2013.
01/13	BC collected remediation system performance samples from the VEGE system on January 25, 2013. Groundwater samples were collected at various locations across the VEGE system to evaluate the performance remediation system.
01/13	BC sampled the effluent port of the VEGE system and conducted a remediation system check on January 29, 2013.
01/13	The MDE directive dated December 11, 2012, was received on January 25, 2013. The MDE directive requested additional information on the nested monitoring well installation, a deadline for monitoring well installation to be completed by February 28, 2013, semi-annual potable drinking water well sampling at 3, 5, 7, 9 and 10 Meadow Spring Drive and 2303 Churchville Road, and annual potable drinking water well sampling at 2317, 2319, 2401 and 2401A Churchville Road.
02/13	POET system sampling results for 1 Meadow Spring Drive were submitted to the MDE, Harford County Department of Health and the property owners on February 13, 2013.
02/13	The remediation system was upgraded on February 14, 2013,
02/13	Monthly POET system sampling (Influent, Mid 2 and Effluent) at 1 Meadow Spring Drive on February 21, 2013.
02/13	BC sampled the effluent port of the VEGE system and conducted a remediation system check on February 27, 2013.
03/13	Monthly POET system sampling (Influent, Mid 2 and Effluent) at 1 Meadow Spring Drive on March 13, 2013.
03/13	Semi-annual potable drinking water well sampling completed on March 13, 2013 at 7, 9 and 10 Meadow Spring Drive, and 2303 Churchville Road.
03/13	BC conducted quarterly groundwater monitoring event on March 13, 2013.
03/13	MDE onsite to observe groundwater sampling activities and system upgrades.
03/13	BC sampled the effluent port of the VEGE system and conducted a remediation system check on March 14, 2013.
03/13	POET system sampling results for 1 Meadow Spring Drive were submitted to the MDE, Harford County Department of Health and the property owners on March 26, 2013.
03/13	BC sampled the influent and effluent port of the VEGE system and conducted a remediation system check on March 27, 2013.
04/13	Monthly POET system sampling (Influent, Mid 2 and Effluent) at 1 Meadow Spring Drive on April 2. 2013.
04/13	BC, Drake, and MDE meeting to discuss case on April 8, 2013.
04/13	BC, on behalf of Drake, submitted *Well Installation Work Plan, Additional Activities* on April 12, 2013.
04/13	BC sampled the effluent port of the VEGE system and conducted a remediation system check on April 22, 2013.
05/13	POET system sampling results for March for 1 Meadow Spring Drive were submitted to the MDE, Harford County Department of Health and the property owners on May 2, 2013.
05/13	Monthly POET system sampling (Influent, Mid 2 and Effluent) at 1 Meadow Spring Drive on May 14, 2013.
05/13	POET system sampling results for April for 1 Meadow Spring Drive were submitted to the MDE, Harford County Department of Health and the property owners on May 15, 2013.
05/13	BC sampled the influent and effluent port of the VEGE system and conducted a remediation system check on May 31, 2013.

Site History	
06/13	MDE approves *Well Installation Work Plan, Additional Activities* in a letter dated June 4, 2013.
06/13	Monthly POET system sampling (Influent, Mid 2 and Effluent) at 1 Meadow Spring Drive on June 13, 2013.
06/13	BC conducted quarterly groundwater monitoring event on June 19, 2013.
06/13	BC sampled the influent and effluent port of the VEGE system and conducted a remediation system check on June 25, 2013.
07/13	BC sampled the effluent port of the VEGE system and conducted a system check on July 11, 2013. Piping was reconfigured so that system flow passes through two (2) bag filter units after the air stripper; the system flow previously passed through one (1) bag filter set before the air stripper and one (1) bag filter set after the air stripper.
07/13	BC oversaw VEGE system maintenance including the quarterly change-out of two (2) carbon units and the clean-out of the equalization tank and air stripper by Carbon Service and Equipment Company on July 31, 2013. Carbon Service and Equipment Company removed the spent carbon from the site and all other solids were drummed and retained on-site for off-site disposal at a later date.
07/13	BC conducted a VEGE system check on July 23, 2013.
08/13	BC sampled the effluent port of the VEGE system and conducted a remediation system check on August 14, 2013.
08/13	BC installed monitoring wells MW-16D, MW-16I and MW-16S from August 19 through September 25, 2013. Bedrock investigation prior to completing the groundwater monitoring nested monitoring wells included geophysical investigation of the open borehole on September 11 and 12, 2013, and packer testing on September 13 and 16, 2013.
08/13	495 gallons and 900 gallons of development water produced during drilling activities were evacuated into the VEGE system on August 27 and 28, 2013, respectively.
08/13	BC sampled the effluent port of the VEGE system and conducted a VEGE system check on August 28, 2013.
09/13	550 gallons, 440 gallons, 330 gallons and 55 gallons of development water produced during drilling activities were evacuated into the VEGE system on September 6, 9, 10 and 11, 2013, respectively.
09/13	BC sampled the effluent port of the VEGE system and conducted a VEGE system check on September 11, 2013.
09/13	Semi-annual potable drinking water supply well sampling was conducted on September 12, 2013 at 5, 7, 9 and 10 Meadow Spring Drive and 2303 E. Churchville Road. Annual potable drinking water supply well sampling was conducted on September 12, 2013 at 2317 and 2319 E. Churchville Road. The potable drinking water supply well samples were not collected from 3 Meadow Spring Drive, 2401 and 2401A East Churchville Road as the potable drinking water supply wells were not accessible and were therefore not sampled. BC will attempt to collect those samples in the fourth quarter of 2013.
09/13	BC conducted quarterly groundwater monitoring on September 12 and 13, 2013.
09/13	Quarterly POET system sampling was conducted (Influent, Mid 2 and Effluent) at 1 Meadow Spring Drive on September 16, 2013.
09/13	495 gallons and 385 gallons of development water were evacuated into the VEGE system during development of monitoring wells MW-16D, MW-16I and MW-16S on September 23 and 25, 2013, respectively.
09/13	BC sampled the effluent port of the VEGE system and conducted a VEGE system check on September 25, 2013.
10/13	BC restarted the VEGE system on October 2 and 15, 2013. BC sampled the effluent port of the VEGE system and conducted a VEGE system check on October 9 and 23, 2013.
10/13	BC oversaw VEGE system maintenance including the quarterly change-out of two (2) carbon units and the clean-out of the equalization tank and air stripper by Carbon Service and Equipment Company on October 30, 2013. Carbon Service and Equipment Company removed the spent carbon from the site and all other solids were drummed and retained on-site for off-site disposal at a later date. BC restarted the system after change-out on October 31, 2013.
11/13	BC sampled new monitoring wells MW-16D, MW-16I, and MW-16S on November 15, 2013
11/13	BC sampled the effluent port of the VEGE system and conducted a VEGE system check on November 6 and 21, 2013. BC restarted the VEGE system on November 8, 14, 18, and 21, 2013.
11/13	BC submitted a Subsurface Investigation Work Plan on November 26, 2013 to the MDE. The work plan details the installation of a nested well cluster on the property of 2303 Churchville Road.
12/13	BC conducted quarterly groundwater monitoring on December 5 and December 6, 2013. Recovery wells were not sampled due to maintenance being performed on the VEGE system. An attempt was made to collect potable drinking water supply well samples from 3 Meadow Spring Drive, 2401 and 2401A East Churchville Road. The residences were not accessible and therefore not sampled.
12/13	Quarterly POET system sampling was conducted (Influent, Mid 2, and Effluent) at 1 Meadow Spring Drive on December 6, 2013.
12/13	BC sampled the recovery wells on December 13, 2013.
12/13	BC sampled the effluent port of the VEGE system on December 6, 2013 and conducted a VEGE system check on December 13 and 18, 2013. BC restarted the VEGE system on December 2 and 5, 2013. The pump and treat (P&T) system shutdown on December 18, 2013. The system will be restarted after installation of replacement parts to the second transfer pump, which is located after the air stripper and prior to the carbon units in the VEGE system.

Site History	
01/14	On January 7, 2014, BC determined that the second transfer pump in the P&T portion of the VEGE system was damaged due to freezing temperatures. On February 6, 2014, BC repaired the pump and attempted to restart the system; however, a blockage prevented the system from restarting. On February 11, 2014, BC conducted further troubleshooting to determine the source of the blockage. The blockage was ice due to below-freezing temperatures and on March 6, 2014, BC was able to restart the system when temperatures increased to above freezing.
02/14	POET system sampling was conducted (Influent, Mid 2, and Effluent) at 1 Meadow Spring Drive on February 25, 2014.
03/14	BC terminated operation of the air stripper in the VEGE system on March 6, 2014.
03/14	BC oversaw VEGE system maintenance including the quarterly change-out of two (2) carbon units and the clean-out of the equalization tank and air stripper by Carbon Service and Equipment Company on March 11, 2014. Carbon Service and Equipment Company removed the spent carbon from the site and solids from the equalization tank and sir stripper were drummed and retained on-site for off-site disposal at a later date. BC restarted the system after change-out on March 12, 2014.
03/14	BC sampled the effluent port of the VEGE system on March 11, 2014. BC conducted a VEGE system check on March 12 and March 25, 2014.
03/14	BC conducted quarterly groundwater monitoring on March 11, 12 and 13, 2014.
03/14	Semi-annual potable samples were collected on March 12, 2014 from 3 Meadow Spring Drive, 5 Meadow Spring Drive, 7 Meadow Spring Drive, 9 Meadow Spring Drive, 10 Meadow Spring Drive, and 2303 Churchville Road.
03/14	POET system sampling was conducted (Influent, Mid 2, and Effluent) at 1 Meadow Spring Drive on March 13, 2014.
04/14	BC collected groundwater samples from the influent and effluent sample ports of the VEGE system and conducted routine system Operations & Maintenance (O&M) on April 9, 2014.
04/14	BC collected groundwater samples from the influent and effluent sample ports of the VEGE system and conducted routine system O&M on April 21, 2014.
04/14	BC collected groundwater samples from the POET system sample ports (Influent, Mid 2, and Effluent) at 1 Meadow Spring Drive on April 25, 2014.
05/14	BC collected groundwater samples from the influent and effluent sample ports of the VEGE system and conducted routine system O&M on May 7, 2014.
05/14	MDE approved the *Monitoring Well Installation Work Plan* for monitoring wells MW-17S, MW-17I, and MW-17D.
05/14	BC collected groundwater samples from the influent and effluent sample ports of the VEGE system and conducted routine system O&M on May 29, 2014.
06/14	Monitoring well MW-17S was installed. A groundwater sample was collected from a depth of 20 feet below ground surface before monitoring well was constructed with casing. The groundwater sample was analyzed for Volatile Organic Compounds (VOCs) and fuel oxygenates.
06/14	BC collected groundwater samples from the POET system sample ports (Influent, Mid 2, and Effluent) at 1 Meadow Spring Drive on June 2, 2014.
06/14	BC conducted quarterly groundwater monitoring on June 3 and 4, 2014.
06/14	BC collected groundwater samples from the influent and effluent sample ports of the VEGE system and conducted routine system O&M on June 12, 2014.
06/14	BC collected groundwater samples from six (6) recovery wells on June 17, 2014.
06/14	Groundwater monitoring well installation activities for the installation of groundwater monitoring wells MW-17I/D were conducted between June 2 and June 27, 2014. The installation of groundwater monitoring wells MW-17I/D will be completed in July 2014. Groundwater samples were taken at various depths throughout the water column via packer testing and analyzed for VOCs.
06/14	Removal and replacement of the three (3) 250 pound liquid phase carbon vessels was conducted on June 24, 2014. The VEGE system was restarted on June 25, 2014 following the carbon replacement.
06/14	BC collected groundwater samples from the influent and effluent sample ports of the VEGE system and conducted routine system O&M on June 25, 2014.
07/14	Routine remediation system O&M activities conducted, including influent and effluent sampling.
07/14	Routine/Non-routine remediation system O&M activities conducted, including sealing/grouting well vaults to reduce run-off infiltration, flushing system lines and tightening piping connections.
07/14	SVE moisture separator drained and SVE system restarted prior to overseeing drilling activities.
07/14	Routine remediation system O&M activities conducted, including influent and effluent sampling. 1 Meadow Spring Dr. POET system O&M conducted, including carbon change-out and installation of iron oxidizing filtration device.

Site History	
07/14	MW-17I/D installation activities completed. Borehole over drilled to 200 ft. bgs. With MW-17D set at 195ft. bgs. with 20 ft. of screen and MW-17I set at 95 ft bgs with 15 ft of screen.
07/14	Potable samples collected Influent (PRE)-, Mid-2 and Effluent (POST)– from sampling ports of 1 Meadow Spring Dr. POET system.
07/41	Routine remediation system O&M activities conducted.
08/14	Slug testing and sampling of MW-17 cluster attempted, then postponed due to inclement weather.
08/14	Slug testing and sampling of MW-17 cluster completed. Routine remediation system O&M activities conducted, including influent and effluent sampling.
08/14	Routine remediation system O&M activities conducted.
09/14	Routine remediation system O&M activities conducted, including influent and effluent sampling, prior to beginning quarterly/annual groundwater sampling event.
09/14	Quarterly/Annual groundwater monitoring event conducted. Event included gauging of thirteen (13) monitoring wells and six (6) recovery wells, sampling of ten (10) potable wells, sampling of Influent-, mid-2 and Effluent– sampling ports of 1 Meadow Spring Dr. POET system and sampling of thirteen (13) monitoring wells and six (6) recovery wells.
09/14	Potable water samples collected from 1 Meadow Spring Dr. POET system. Routine remediation system O&M activities conducted, including quarterly carbon change-out and restarting SVE system. Non-routine O&M activities included replacing post-surge tank pump flow meter. Data-logger set in MW-17D to monitor water level over extended period.
1/15	Routine Vacuum Enhanced Groundwater Extraction (VEGE) system Operations & Maintenance (O&M) including influent and effluent sampling.
1/15	Routine remediation system O&M including influent and effluent sampling. Potable water samples collected from 1 Meadow Spring Drive Point of Entry Treatment (POET) system.
2/15	Routine remediation system O&M including influent and effluent sampling. Potable water samples collected from 1 Meadow Spring Drive Point of Entry Treatment (POET) system.
2/15	Non-Routine VEGE system O&M to diagnose malfunctioning system due to an automated alarm. During system down time, stagnant water in the recovery well extraction lines froze and flow from the extraction wells to the system was blocked. System was unable to be restarted.
3/15	Quarterly groundwater monitoring event conducted. Event included gauging and sampling of thirteen (13) monitoring wells and six (6) extraction wells. BC attempted to restart VEGE system but extraction well lines were still frozen.
3/15	Semi-Annual potable well sampling event occurred at 5, 7, and 9 Meadow Spring Drive and 2303 Churchville Road. Homeowners at the other semi-annual potable well sampling properties were not available to provide access to a faucet. The VEGE system lines were thawed and system was restarted. VEGE influent and effluent samples were collected.
3/15	Semi-Annual potable well sampling event occurred at 3 and 10 Meadow Spring Drive. Monthly potable water samples collected from 1 Meadow Spring Drive POET system. VEGE influent and effluent samples were collected.
4/15	Routine Vacuum Enhanced Groundwater Extraction (VEGE) system Operations & Maintenance (O&M).
4/15	Routine VEGE system O&M including influent and effluent sampling.
4/15	Routine VEGE remediation system O&M including influent and effluent sampling. Potable water samples collected from 1 Meadow Spring Drive Point of Entry Treatment (POET) system.
5/15	Routine VEGE remediation system O&M including influent and effluent sampling.
5/15	Non-routine VEGE remediation system O&M. System alarm was triggered on 5/8 and system was restarted by BC on 5/9.
5/15	Routine VEGE remediation system O&M including influent and effluent sampling.
5/15	Potable water samples collected from 1 Meadow Spring Drive POET system.
6/15	Quarterly groundwater monitoring event conducted. Event included gauging and sampling of thirteen (13) monitoring wells and six (6) extraction wells.
6/15	Routine VEGE remediation system O&M including influent and effluent sampling.
6/15	Installation of four (4) soil borings on the eastern portion of the site in the former tank field area. Soil and groundwater samples were collected from each boring location and analyzed for Volatile Organic Compounds (VOCs) + oxygenates. Soil and groundwater results are shown on Figure 6, Table 7 and Table 8 and are discussed in detail in the Supplemental Investigation Report, July 2015.
6/15	Routine VEGE remediation system O&M including influent and effluent sampling. Potable water samples collected from 1 Meadow Spring Drive POET system.

TABLE 1
LIQUID LEVEL DATA TABLE
BEL AIR XTRA FUELS
2476 CHURCHVILLE RD
BEL AIR, MARYLAND

Well ID	Top of CasiNR Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
FRW-1	401.19	01/15/2001	NR	-	-	-
	401.19	04/25/2005	9.10	-	-	392.09
	401.19	05/04/2005	9.27	-	-	391.92
	401.19	12/14/2005	13.61	-	-	387.58
	401.19	03/07/2006	10.90	-	-	390.29
	401.19	06/08/2006	12.72	-	-	388.47
	401.19	12/05/2006	11.12	-	-	390.07
	401.19	03/07/2007	10.44	-	-	390.75
	401.19	07/06/2007	11.54	-	-	389.65
	401.19	09/13/2007	14.74	-	-	386.45
	401.19	12/20/2007	15.10	-	-	386.09
	401.19	03/17/2008	13.40	-	-	387.79
	401.19	06/10/2008	12.65	-	-	388.54
	401.19	11/19/2009	10.50	-	-	390.69
	401.19	12/28/2009	10.50	-	-	390.69
			Well Abandoned			
FRW-2	400.36	01/15/2001	NR	-	-	-
	400.36	04/25/2005	8.94	-	-	391.42
	400.36	05/04/2005	8.74	-	-	391.62
	400.36	12/14/2005	12.88	-	-	387.48
	400.36	03/07/2006	10.53	-	-	389.83
	400.36	06/08/2006	12.88	-	-	387.48
	400.36	12/05/2006	10.55	-	-	389.81
	400.36	03/07/2007	10.05	-	-	390.31
	400.36	07/06/2007	11.19	-	-	389.17
	400.36	09/13/2007	13.53	-	-	386.83
	400.36	12/20/2007	15.30	-	-	385.06
	400.36	03/17/2008	13.12	-	-	387.24
	400.36	06/10/2008	11.88	-	-	388.48
	400.36	11/19/2009	11.60	-	-	388.76
	400.36	12/28/2009	11.60	-	-	388.76
			Well Abandoned			
MW-1	403.01	01/15/2001	NR	-	-	-
	403.01	04/25/2005	10.94	-	-	392.07
	403.01	05/04/2005	11.06	-	-	391.95
	403.01	12/14/2005	15.41	-	-	387.6
	403.01	03/07/2006	12.98	-	-	390.03
	403.01	06/08/2006	15.51	-	-	387.5
	403.01	09/12/2006	14.40	-	-	388.61
	403.01	12/05/2006	13.07	-	-	389.94
	403.01	03/07/2007	12.80	-	-	390.21
	403.01	07/06/2007	13.75	-	-	389.26
	403.01	09/13/2007	16.20	-	-	386.81
	403.01	12/20/2007	18.10	-	-	384.91
	403.01	03/17/2008	15.51	-	-	387.5
	403.01	06/10/2008	14.55	-	-	388.46
	403.01	11/19/2009	14.80	-	-	388.21
	403.01	12/28/2009	14.80	-	-	388.21
			Well Abandoned			

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Well ID	Top of CasiNR Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-2	403.40	01/15/2001	NR	-	-	-
	403.40	04/25/2005	10.67	-	-	392.73
	403.40	05/04/2005	11.50	-	-	391.90
	403.40	12/14/2005	15.66	-	-	387.74
	403.40	03/07/2006	8.71	-	-	394.69
	403.40	06/08/2006	14.78	-	-	388.62
	403.40	12/05/2006	13.11	-	-	390.29
	403.40	03/07/2007	12.28	-	-	391.12
	403.40	07/06/2007	9.61	-	-	393.79
	403.40	09/13/2007	15.11	-	-	388.29
	403.40	12/20/2007	18.63	-	-	384.77
	403.40	03/17/2008	12.75	-	-	390.65
	403.40	06/10/2008	14.05	-	-	389.35
	403.40	11/19/2009	14.10	-	-	389.30
	403.40	12/28/2009	14.10	-	-	389.30
			Well Abandoned			
MW-3	403.71	01/15/2001	NR	-	-	-
	403.71	04/25/2005	11.46	-	-	392.25
	403.71	05/04/2005	11.73	-	-	391.98
	403.71	12/14/2005	16.11	-	-	387.60
	403.71	03/07/2006	13.47	-	-	390.24
	403.71	06/08/2006	15.13	-	-	388.58
	403.71	12/05/2006	13.47	-	-	390.24
	403.71	03/07/2007	13.23	-	-	390.48
	403.71	07/06/2007	14.46	-	-	389.25
	403.71	09/13/2007	16.98	-	-	386.73
	403.71	12/20/2007	18.80	-	-	384.91
	403.71	03/17/2008	16.31	-	-	387.40
	403.71	06/10/2008	15.10	-	-	388.61
	403.71	11/19/2009	14.74	-	-	388.97
	403.71	12/28/2009	14.74	-	-	388.97
	403.71	04/23/2010	10.10	-	-	393.61
			Well Abandoned			
MW-4	402.12	01/15/2001	NR	-	-	-
	402.12	04/25/2005	10.07	-	-	392.05
	402.12	05/04/2005	10.31	-	-	391.81
	402.12	03/07/2006	NR	-	-	-
			Well Abandoned			

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Well ID	Top of CasiNR Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-5	403.10	01/15/2001	NR	-	-	-
	403.10	04/25/2005	11.32	-	-	391.78
	403.10	05/04/2005	11.51	-	-	391.59
	403.10	12/14/2005	15.75	-	-	387.35
	403.10	03/07/2006	13.27	-	-	389.83
	403.10	06/08/2006	14.70	-	-	388.40
	403.10	12/05/2006	13.31	-	-	389.79
	403.10	03/07/2007	13.00	-	-	390.10
	403.10	07/06/2007	14.00	-	-	389.10
	403.10	09/13/2007	16.41	-	-	386.69
	403.10	12/20/2007	18.20	-	-	384.90
	403.10	03/17/2008	15.97	-	-	387.13
	403.10	06/10/2008	14.72	-	-	388.38
	403.10	11/19/2009	14.50	-	-	388.60
	403.10	12/28/2009	14.50	-	-	388.60
			Well Abandoned			
MW-6	400.13	04/25/2005	8.68	-	-	391.45
	400.13	05/04/2005	8.77	-	-	391.36
	400.13	03/07/2006	NR	-	-	-
	400.13	06/08/2006	11.85	-	-	388.28
	400.13	09/12/2006	11.00	-	-	389.13
	400.13	12/05/2006	10.60	-	-	389.53
	400.13	03/07/2007	10.16	-	-	389.97
	400.13	07/06/2007	10.97	-	-	389.16
	400.13	09/13/2007	13.10	-	-	387.03
	400.13	12/20/2007	14.90	-	-	385.23
	400.13	03/17/2008	12.95	-	-	387.18
	400.13	06/10/2008	11.69	-	-	388.44
	400.13	11/19/2009	11.55	-	-	388.58
	400.13	12/28/2009	11.55	-	-	388.58
			Well Abandoned			

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Well ID	Top of CasiNR Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-7	402.73	01/15/2001	NR	-	-	-
	402.73	04/25/2005	10.88	-	-	391.85
	402.73	05/04/2005	10.91	-	-	391.82
	402.73	12/14/2005	15.21	-	-	387.52
	402.73	03/07/2006	12.80	-	-	389.93
	402.73	06/08/2006	14.15	-	-	388.58
	402.73	09/12/2006	13.92	-	-	388.81
	402.73	12/05/2006	12.88	-	-	389.85
	402.73	03/07/2007	12.55	-	-	390.18
	402.73	07/06/2007	13.46	-	-	389.27
	402.73	09/13/2007	15.80	-	-	386.93
	402.73	12/20/2007	17.18	-	-	385.55
	402.73	03/17/2008	15.52	-	-	387.21
	402.73	06/10/2008	14.25	-	-	388.48
	402.73	11/19/2009	14.52	-	-	388.21
	402.73	12/28/2009	11.91	-	-	390.82
	402.73	02/15/2010	11.72	-	-	391.01
	402.73	04/23/2010	10.10	-	-	392.63
	402.73	04/11/2011	13.08	-	-	389.65
	402.73	09/12/2011	14.25	-	-	388.48
	402.73	12/23/2011	12.98	-	-	389.75
	402.73	03/26/2012	13.16	-	-	389.57
	402.73	06/21/2012	14.28	-	-	388.45
	402.73	09/17/2012	16.58	-	-	386.15
	402.73	12/03/2012	7.96	-	-	394.77

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MW-8	401.13	07/24/1998	12.42	-	-	388.71
	401.13	08/25/1998	13.74	-	-	387.39
	401.13	09/30/1998	14.94	-	-	386.19
	401.13	10/20/1998	15.43	-	-	385.7
	401.13	12/01/1998	16.44	-	-	384.69
	401.13	12/29/1998	16.95	-	-	384.18
	401.13	01/27/1999	16.45	-	-	384.68
	401.13	02/18/1999	15.77	-	-	385.36
	401.13	04/01/1999	14.36	-	-	386.77
	401.13	05/06/1999	13.73	-	-	387.4
	401.13	06/23/1999	14.92	-	-	386.21
	401.13	07/12/1999	15.58	-	-	385.55
	401.13	08/10/1999	16.68	-	-	384.45
	401.13	09/22/1999	16.97	-	-	384.16
	401.13	10/29/1999	15.81	-	-	385.32
	401.13	11/29/1999	15.85	-	-	385.28
	401.13	12/21/1999	15.69	-	-	385.44
	401.13	01/13/2000	15.21	-	-	385.92
	401.13	02/28/2000	14.58	-	-	386.55
	401.13	03/28/2000	13.56	-	-	387.57
	401.13	04/19/2000	13.02	-	-	388.11
	401.13	05/25/2000	12.76	-	-	388.37
	401.13	07/24/2000	14.15	-	-	386.98
	401.13	09/12/2000	15.16	-	-	385.97
	401.13	10/19/2000	16.15	-	-	384.98
	401.13	12/19/2000	17.43	-	-	383.7
	401.13	09/12/2011	13.83	-	-	387.3
	401.13	12/23/2011	12.5	-	-	388.63
	401.13	03/26/2012	12.68	-	-	388.45
	401.13	06/21/2012	13.87	-	-	387.26
	401.13	09/17/2012	16.22	-	-	384.91
	401.13	12/03/2012	17.81	-	-	383.32
MW-9A	400.00	04/25/2005	8.61	-	-	391.39
	400.00	05/04/2005	8.65	-	-	391.35
	400.00	03/07/2006	10.25	-	-	389.75
	400.00	06/08/2006	DRY	-	-	-
	400.00	12/05/2006	10.37	-	-	389.63
	400.00	03/07/2007	9.99	-	-	390.01
	400.00	07/06/2007	10.72	-	-	389.28
	400.00	09/13/2007	DRY	-	-	-
	400.00	12/20/2007	DRY	-	-	-
	400.00	03/17/2008	12.66	-	-	387.34
	400.00	06/10/2008	11.44	-	-	388.56
	400.00	11/19/2009	DRY	-	-	-
Well Abandoned						

TABLE 1
LIQUID LEVEL DATA TABLE
BEL AIR XTRA FUELS
2476 CHURCHVILLE RD
BEL AIR, MARYLAND

Well ID	Top of CasiNR Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-9	399.97	01/15/2001	NR	-	-	-
	399.97	04/25/2005	8.53	-	-	391.44
	399.97	05/04/2005	8.44	-	-	391.53
	399.97	03/07/2006	NR	-	-	-
	399.97	06/08/2006	12.41	-	-	387.56
	399.97	09/12/2006	11.15	-	-	388.82
	399.97	12/05/2006	11.37	-	-	388.60
	399.97	03/07/2007	10.93	-	-	389.04
	399.97	07/06/2007	11.70	-	-	388.27
	399.97	09/13/2007	13.92	-	-	386.05
	399.97	12/20/2007	15.70	-	-	384.27
	399.97	03/17/2008	13.70	-	-	386.27
	399.97	06/10/2008	12.48	-	-	387.49
	399.97	12/28/2009	11.92	-	-	388.05
	399.97	02/15/2010	10.31	-	-	389.66
	399.97	04/23/2010	8.78	-	-	391.19
	399.97	04/11/2011	11.52	-	-	388.45
	399.97	09/12/2011	12.75	-	-	387.22
	399.97	12/23/2011	11.54	-	-	388.43
	399.97	03/26/2012	11.62	-	-	388.35
	399.97	06/21/2012	12.58	-	-	387.39
	399.97	09/17/2012	14.68	-	-	385.29
	399.97	12/03/2012	15.82	-	-	384.15
MW-10/RW-10	400.36	11/19/2009	12.61	-	-	387.75
	400.36	12/28/2009	11.84	-	-	388.52
	400.36	02/15/2010	10.40	-	-	389.96
	400.36	04/23/2010	8.78	-	-	391.58
	400.36	04/11/2011	11.75	-	-	388.61
	400.36	09/12/2011	12.98	-	-	387.38
	400.36	12/23/2011	11.65	-	-	388.71
	400.36	03/26/2012	11.75	-	-	388.61
	400.36	06/21/2012	13.14	-	-	387.22
	400.36	09/17/2012	14.48	-	-	385.88
	400.36	12/03/2012	20.2	-	-	380.16
MW-11	401.07	12/28/2009	11.85	-	-	389.22
	401.07	02/15/2010	10.93	-	-	390.14
	401.07	04/23/2010	9.45	-	-	391.62
	401.07	04/11/2011	12.28	-	-	388.79
	401.07	09/12/2011	13.47	-	-	387.6
	401.07	12/23/2011	12.15	-	-	388.92
	401.07	03/26/2012	12.36	-	-	388.71
	401.07	06/21/2012	13.55	-	-	387.52
	401.07	09/17/2012	15.89	-	-	385.18
	401.07	12/03/2012	17.05	-	-	384.02

TABLE 1
LIQUID LEVEL DATA TABLE
BEL AIR XTRA FUELS
2476 CHURCHVILLE RD
BEL AIR, MARYLAND

Well ID	Top of CasiNR Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-12/RW-12	400.12	09/12/2011	12.85	-	-	387.27
	400.12	12/23/2011	11.5	-	-	388.62
	400.12	03/26/2012	11.62	-	-	388.5
	400.12	04/17/2012	12.06	-	-	400.12
	400.12	06/21/2012	13.05	-	-	387.07
	400.12	09/17/2012	14.73	-	-	385.39
	400.12	12/03/2012	20.8	-	-	379.32
MW-13	401.9	09/12/2011	14.35	-	-	387.55
	401.9	12/23/2011	13.07	-	-	388.83
	401.9	03/26/2012	13.25	-	-	388.65
			Well Abandoned			
MW-14	400.45	09/12/2011	12.67	-	-	387.78
	400.45	12/23/2011	11.33	-	-	389.12
	400.45	03/26/2012	11.35	-	-	389.1
	400.45	06/21/2012	12.36	-	-	388.09
	400.45	09/17/2012	14.49	-	-	385.96
	400.45	12/03/2012	15.61	-	-	384.84
MW-15D	401.88	12/23/2011	12.7	-	-	389.18
	401.88	03/26/2012	13	-	-	388.88
	401.88	06/21/2012	14.3	-	-	387.58
	401.88	09/17/2012	16.8	-	-	385.08
	401.88	12/03/2012	17.53	-	-	384.35
MW-15S	401.83	12/23/2011	12.6	-	-	389.23
	401.83	03/26/2012	12.87	-	-	388.96
	401.83	06/21/2012	14.17	-	-	387.66
	401.83	09/17/2012	16.69	-	-	385.14
	401.83	12/03/2012	17.51	-	-	384.32
MW-16	401.03	09/12/2011	13.47	-	-	387.56
	401.03	12/23/2011	12.11	-	-	388.92
	401.03	03/26/2012	12.35	-	-	388.68
			Well Abandoned			

TABLE 1
LIQUID LEVEL DATA TABLE
BEL AIR XTRA FUELS
2476 CHURCHVILLE RD
BEL AIR, MARYLAND

Well ID	Top of CasiNR Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
RW-3	403.14	01/15/2001	NR	-	-	-
	403.14	04/25/2005	11.06	-	-	392.08
	403.14	05/04/2005	11.24	-	-	391.90
	403.14	12/14/2005	15.57	-	-	387.57
	403.14	03/07/2006	13.05	-	-	390.09
	403.14	06/08/2006	14.58	-	-	388.56
	403.14	09/12/2006	14.23	-	-	388.91
	403.14	12/05/2006	13.05	-	-	390.09
	403.14	03/07/2007	12.71	-	-	390.43
	403.14	07/06/2007	13.91	-	-	389.23
	403.14	09/13/2007	16.40	-	-	386.74
	403.14	12/20/2007	18.15	-	-	384.99
	403.14	03/17/2008	13.87	-	-	389.27
	403.14	06/10/2008	14.58	-	-	388.56
	403.14	11/19/2009	13.00	-	-	390.14
	403.14	12/28/2009	13.00	-	-	390.14
			Well Abandoned			
RW-17	400.72	03/26/2012	12.02	-	-	388.7
	400.72	04/17/2012	12.51	-	-	388.21
	400.72	06/21/2012	13.44	-	-	387.28
	400.72	09/17/2012	15.4	-	-	385.32
	400.72	12/03/2012	24.8	-	-	375.92
RW-18	400.74	03/26/2012	12.1	-	-	388.64
	400.74	04/17/2012	12.6	-	-	388.14
	400.74	06/21/2012	13.37	-	-	387.37
	400.74	09/17/2012	14.7	-	-	386.04
	400.74	12/03/2012	16.27	-	-	384.47
RW-19	399.8	03/26/2012	11.28	-	-	388.52
	399.8	04/17/2012	11.76	-	-	388.04
	399.8	06/21/2012	12.64	-	-	387.16
	399.8	09/17/2012	14.65	-	-	385.15
	399.8	12/03/2012	23.7	-	-	376.1
RW-20	399.83	03/26/2012	11.42	-	-	388.41
	399.83	04/17/2012	11.88	-	-	387.95
	399.83	06/21/2012	12.44	-	-	387.39
	399.83	09/17/2012	14.42	-	-	385.41
	399.83	12/03/2012	15.7	-	-	384.13

TABLE 1
LIQUID LEVEL DATA TABLE
BEL AIR XTRA FUELS
2476 CHURCHVILLE RD
BEL AIR, MARYLAND

Well ID	Top of CasiNR Elevation (feet)	Date	Depth to Water (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
TF-1	400.62	03/07/2006	DRY	-	-	-
	400.62	06/08/2006	DRY	-	-	-
	400.62	12/05/2006	DRY	-	-	-
	400.62	03/07/2007	DRY	-	-	-
	400.62	07/06/2007	DRY	-	-	-
	400.62	09/13/2007	DRY	-	-	-
	400.62	12/20/2007	DRY	-	-	-
	400.62	03/17/2008	DRY	-	-	-
	400.62	06/10/2008	11.48	-	-	389.14
	400.62	02/15/2010	10.42	-	-	390.20
	400.62	06/17/2010	10.51	-	-	390.11
	400.62	09/12/2011	10.98	-	-	389.64
	400.62	12/23/2011	10.9	-	-	389.72
	400.62	06/21/2012	DRY	-	-	-
	400.62	09/17/2012	11.47	-	-	389.15
	400.62	12/03/2012	DRY	-	-	-
TF-2	401.64	03/07/2006	NR	-	-	-
	401.64	06/08/2006	DRY	-	-	-
	401.64	12/05/2006	12.63	-	-	389.01
	401.64	07/06/2007	DRY	-	-	-
	401.64	09/13/2007	DRY	-	-	-
	401.64	12/20/2007	DRY	-	-	-
	401.64	03/17/2008	DRY	-	-	-
	401.64	06/10/2008	DRY	-	-	-
	401.64	02/15/2010	11.41	-	-	390.23
	401.64	06/17/2010	11.51	-	-	390.13
	401.64	09/12/2011	DRY	-	-	-
	401.64	12/23/2011	DRY	-	-	-
	401.64	06/21/2012	DRY	-	-	-
	401.64	09/17/2012	DRY	-	-	-
	401.64	12/03/2012	DRY	-	-	-

LNAPL= Light Non-Aqueous Phase Liquids
NR=Not Recorded

TABLE 2
GROUNDWATER LABORATORY ANALYTICAL RESULTS TABLE
BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Product (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards for Type I and II Aquifers						5	1,000	700	10,000	NA	20	47	47
MW-1	01/15/01	403.01	-	-	-	**13,000**	**11,000**	**1,300**	9,700	35,000	**8,400**	**11,000**	**89,000**
	04/25/05	403.01	10.94	392.07	-	**3,700**	**8,000**	**1,700**	**13,000**	26,400	**650**	-	-
	05/04/05	403.01	11.06	391.95	-	-	-	-	-	-	-	-	-
	12/14/05	403.01	15.41	387.60	-	0.7	1.4	0.57	24	26.67	0.78	**3,760**	**841**
	03/07/06	403.01	12.98	390.03	-	**130**	266	57.6	230	683.6	**104**	-	-
	06/08/06	403.01	15.51	387.50	-	-	-	-	-	-	-	-	-
	09/12/06	403.01	14.40	388.61	-	4.6	ND<1.0	ND<1.0	ND<1.0	4.6	**246**	-	-
	12/05/06	403.01	13.07	389.94	-	**11.8**	4.9	3.9	8.3	28.9	**25.1**	**526**	**240**
	03/07/07	403.01	12.80	390.21	-	0.82 J	0.68 J	0.20 J	1.1	2.80	ND<1.0	-	-
	07/06/07	403.01	13.75	389.26	-	1.2	1.7	1.9	4.9	9.7	1.2	**1,540**	ND<200
	09/13/07	403.01	16.20	386.81	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<4.0	0.77 J	-	-
	12/20/07	403.01	18.10	384.91	-	-	-	-	-	-	-	-	-
	03/17/08	403.01	15.51	387.50	-	0.44 J	1.9	1.1	13.0	16.44	5.1	-	-
	06/10/08	403.01	14.55	388.46	-	**5.2**	2.0	0.89 J	2.0	10.09	4.3	**833**	ND<200
	11/19/09	403.01	14.80	388.21	-	-	-	-	-	-	-	-	-
	12/28/09	403.01	14.80	388.21	-	-	-	-	-	-	-	-	-
Abandoned													
MW-2	01/15/01	403.40	-	-	-	<2.0	<2.0	<2.0	<2.0	<8.0	13	<600	<200
	04/25/05	403.40	10.67	392.73	-	4.0	5.0	8.0	21	38.0	2.0	-	-
	05/04/05	403.40	11.50	391.90	-	-	-	-	-	-	-	-	-
	12/14/05	403.40	15.66	387.74	-	2.2	5.0	6.5	11.4	25.1	3.4	**8,400**	<200
	03/07/06	403.40	8.71	394.69	-	-	-	-	-	-	-	-	-
	06/08/06	403.40	14.78	388.62	-	-	-	-	-	-	-	-	-
	12/05/06	403.40	13.11	390.29	-	3.5	17.2	4.6	5.6	30.9	0.44	**620**	ND(200)
	03/07/07	403.40	12.28	391.12	-	-	-	-	-	-	-	-	-
	07/06/07	403.40	9.61	393.79	-	ND<1.0	2.7	ND<1.0	ND<1.0	2.7	ND<1.0	**1,660**	ND<200
	09/13/07	403.40	15.11	388.29	-	-	-	-	-	-	-	-	-
	12/20/07	403.40	18.63	384.77	-	-	-	-	-	-	-	-	-
	03/17/08	403.40	12.75	390.65	-	-	-	-	-	-	-	-	-
	06/10/08	403.40	14.05	389.35	-	ND<1.0	1.1	ND<1.0	ND<1.0	1.1	ND<1.0	**2,080**	ND<200
	11/19/09	403.40	14.10	389.30	-	-	-	-	-	-	-	-	-
	12/28/09	403.40	14.10	389.30	-	-	-	-	-	-	-	-	-
Abandoned													
MW-3	01/15/01	403.71	-	-	-	<1.0	<1.0	<1.0	<1.0	<4.0	3.0	<500	<100
	04/25/05	403.71	11.46	392.25	-	<0.5	<0.7	<0.8	<0.8	<2.8	2.0	-	-
	05/04/05	403.71	11.73	391.98	-	-	-	-	-	-	-	-	-
	12/14/05	403.71	16.11	387.60	-	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<100	<200
	03/07/06	403.71	13.47	390.24	-	-	-	-	-	-	-	-	-
	06/08/06	403.71	15.13	388.58	-	-	-	-	-	-	-	-	-
	12/05/06	403.71	13.47	390.24	-	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.1	ND(110)	ND(200)
	03/07/07	403.71	13.23	390.48	-	-	-	-	-	-	-	-	-
	07/06/07	403.71	14.46	389.25	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<4.0	0.35 J	ND<100	ND<200
	09/13/07	403.71	16.98	386.73	-	-	-	-	-	-	-	-	-
	12/20/07	403.71	18.80	384.91	-	-	-	-	-	-	-	-	-
	03/17/08	403.71	16.31	387.40	-	-	-	-	-	-	-	-	-
	06/10/08	403.71	15.10	388.61	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<4.0	0.36 J	**212**	ND<200
	11/19/09	403.71	14.74	388.97	-	-	-	-	-	-	-	-	-
	12/28/09	403.71	14.74	388.97	-	-	-	-	-	-	-	-	-
	04/23/10	403.71	10.10	393.61	-	-	-	-	-	-	-	-	-
Abandoned													
MW-4	01/15/01	402.12	-	-	-	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<500	<100
	04/25/05	402.12	10.07	392.05	-	-	-	-	-	-	-	-	-
	05/04/05	402.12	10.31	391.81	-	-	-	-	-	-	-	-	-
	03/07/06	402.12	NR	-	-	-	-	-	-	-	-	-	-
Abandoned													

TABLE 2
GROUNDWATER LABORATORY ANALYTICAL RESULTS TABLE
BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Product (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards for Type I and II Aquifers						5	1,000	700	10,000	NA	20	47	47
MW-5	01/15/01	403.10	-	-	-	**150**	25	11	150	336	**1,500**	**2,700**	**5,400**
	04/25/05	403.10	11.32	391.78	-	-	-	-	-	-	-	-	-
	05/04/05	403.10	11.51	391.59	-	**11**	<0.7	<0.8	<0.8	11	**300**	-	-
	12/14/05	403.10	15.75	387.35	-	**7.5**	0.39	0.92	1.6	10.41	**186**	**597**	**543**
	03/07/06	403.10	13.27	389.83	-	-	-	-	-	-	-	-	-
	06/08/06	403.10	14.70	388.40	-	-	-	-	-	-	-	-	-
	12/05/06	403.10	13.31	389.79	-	**18.2**	ND(2.5)	3.9	5.1	27.2	**280**	**194**	**478**
	03/07/07	403.10	13.00	390.10	-	-	-	-	-	-	-	-	-
	07/06/07	403.10	14.00	389.10	-	**18.1**	ND<2.0	ND<2.0	1.3 J	19.4	**729**	**314**	**846**
	09/13/07	403.10	16.41	386.69	-	-	-	-	-	-	-	-	-
	12/20/07	403.10	18.20	384.90	-	-	-	-	-	-	-	-	-
	03/17/08	403.10	15.97	387.13	-	-	-	-	-	-	-	-	-
	06/10/08	403.10	14.72	388.38	-	**6.6**	ND<1.0	ND<1.0	ND<1.0	6.6	**78.9**	**291**	**213**
	11/19/09	403.10	14.50	388.60	-	-	-	-	-	-	-	-	-
	12/28/09	403.10	14.50	388.60	-	-	-	-	-	-	-	-	-
Abandoned													
MW-6	04/25/05	400.13	8.68	391.45	-	-	-	-	-	-	-	-	-
	05/04/05	400.13	8.77	391.36	-	<3.0	<4.0	<4.0	<5.0	<16.0	**6,400**	-	-
	03/07/06	400.13	NR	-	-	-	-	-	-	-	-	-	-
	06/08/06	400.13	11.85	388.28	-	-	-	-	-	-	-	-	-
	09/12/06	400.13	11.00	389.13	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<4.0	**380**	-	-
	12/05/06	400.13	10.60	389.53	-	ND(10)	ND(10)	ND(10)	ND(10)	ND(40)	**1,130**	ND(110)	**102**
	03/07/07	400.13	10.16	389.97	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<4.0	ND<1.0	-	-
	07/06/07	400.13	10.97	389.16	-	**10.7**	ND<10	ND<10	ND<10	10.7	**3,050**	ND<100	**2,530**
	09/13/07	400.13	13.10	387.03	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<4.0	**30.0**	-	-
	12/20/07	400.13	14.90	385.23	-	-	-	-	-	-	-	-	-
	03/17/08	400.13	12.95	387.18	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<4.0	**26.3**	-	-
	06/10/08	400.13	11.69	388.44	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<4.0	**151**	ND<100	**273**
	11/19/09	400.13	11.55	388.58	-	-	-	-	-	-	-	-	-
	12/28/09	400.13	11.55	388.58	-	-	-	-	-	-	-	-	-
Abandoned													
MW-7	01/15/01	402.73	-	-	-	**1,600**	**4,600**	450	9,700	16,350	**220,000**	**30,000**	**190,000**
	04/25/05	402.73	10.88	391.85	-	**2,000**	**9,600**	**2,000**	**18,000**	31,600	**84,000**	-	-
	05/04/05	402.73	10.91	391.82	-	-	-	-	-	-	-	-	-
	12/14/05	402.73	15.21	387.52	-	-	-	-	-	-	-	-	-
	03/07/06	402.73	12.80	389.93	-	**2,600**	**12,800**	**2,690**	**23,300**	41,390	**31,400**	-	-
	06/08/06	402.73	14.15	388.58	-	-	-	-	-	-	-	-	-
	09/12/06	402.73	13.92	388.81	-	**1,180**	**7,530**	**1,820**	**17,500**	28,030	**40,200**	-	-
	12/05/06	402.73	12.88	389.85	-	**1,640**	**7,150**	**1,820**	**15,400**	26,010	**26,100**	13.2	**100**
	03/07/07	402.73	12.55	390.18	-	**654**	**4,700**	**1,060**	9,910	16,324	**21,400**	-	-
	07/06/07	402.73	13.46	389.27	-	**874**	**3,900**	**1,250**	**10,100**	16,124	**24,400**	**13,700**	**65,600**
	09/13/07	402.73	15.80	386.93	-	**1,170**	**9,360**	**1,480**	**12,200**	24,210	**26,100**	-	-
	12/20/07	402.73	17.18	385.55	-	-	-	-	-	-	-	-	-
	03/17/08	402.73	15.52	387.21	-	**637**	**2,420**	**933**	**11,400**	15,390	**16,600**	-	-
	06/10/08	402.73	14.25	388.48	-	**1,500**	**6,400**	**843**	**12,200**	20,943	**31,000**	**23,300**	**77,800**
	11/19/09	402.73	14.52	388.21	-	-	-	-	-	-	-	-	-
	12/28/09	402.73	11.91	390.82	-	**398**	**1,970**	**995**	5,600	8,963	**4,950A**	-	**36,200**
	02/15/10	402.73	11.72	391.01	-	**1,000**	**3,410**	**1,550**	9,340	15,300	**5,000**	**8,350**	**48,700**
	04/23/10	402.73	10.10	392.63	-	**863**	**2,720**	**1,660**	**10,400**	15,643	**4,390**	43.2	15.5
	04/11/11	402.73	13.08	389.65	-	**867**	**2,560**	**1,750**	7,460	12,637	**1,590**	**17,400**	**50,800**
	09/12/11	402.73	14.25	388.48	-	**336**	**1,360**	**1,210**	4,540	7,446	**771**	**24,800**	**28,300**
	12/23/11	402.73	12.98	389.75	-	**141**	346	**942**	3,730	5,159	**362**	**13,100**	**22,800**
	03/26/12	402.73	13.16	389.57	-	**246**	442	**1,310**	4,430	6,428	**340**	**15,900**	**33,200**
	06/21/12	402.73	14.28	388.45	-	**144**	322	**1,160**	3,320	4,946	**342**	**13,800**	**18,900**
	09/17/12	402.73	16.58	386.15	-	**144**	253	**1,070**	2,750	4,217	**254**	**15,100**	**14,500**
	12/03/12	402.73	7.96	394.77	-	**103**	383	**715**	2,060	3,261	**213**	**-**	**17,900**

TABLE 2
GROUNDWATER LABORATORY ANALYTICAL RESULTS TABLE
BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Product (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards for Type I and II Aquifers						5	1,000	700	10,000	NA	20	47	47
MW-8	12/08/93	401.13	NR	NR	-	**900**	170	35	140	1,245	**290**	-	-
	01/27/95	401.13	NR	NR	-	**722**	13	6	16	757	**120**	-	-
	06/14/95	401.13	NR	NR	-	**610**	ND<5	ND<5	ND<5	610	**62**	-	-
	09/14/95	401.13	NR	NR	-	**310**	ND<5	ND<5	ND<5	310	**140**	-	-
	01/02/96	401.13	NR	NR	-	**870**	40	19	126	1,055	**1,400**	-	-
	10/02/96	401.13	NR	NR	-	**290**	ND<10	ND<10	ND<30	290	ND<100	-	-
	02/25/97	401.13	NR	NR	-	**430**	ND<5	9	49	488	**250**	-	-
	05/28/97	401.13	NR	NR	-	**170**	ND<5	6	ND<15	176	**160**	-	-
	08/21/97	401.13	NR	NR	-	**229**	ND<2	ND<2	ND<4	229	**109**	-	-
	12/22/97	401.13	NR	NR	-	**68**	2	4	22	96	**186**	-	-
	03/25/98	401.13	NR	NR	-	**50**	ND<5	ND<5	ND<15	50	**66**	-	-
	06/26/98	401.13	NR	NR	-	**21**	ND<5	ND<5	ND<15	21	**29**	-	-
	09/30/98	401.13	NR	NR	-	**18**	ND<2	ND<2	ND<6	18	**43**	-	-
	12/29/98	401.13	NR	NR	-	**50**	17	5	18	90	**57**	-	-
	04/01/99	401.13	NR	NR	-	**85**	29	ND<5	22	136	**37**	-	-
	07/12/99	401.13	NR	NR	-	**86**	6	1	9	102	**50**	-	-
	10/29/99	401.13	NR	NR	-	**57**	ND<10	ND<10	ND<30	57	**501**	-	-
	02/28/00	401.13	NR	NR	-	**70**	ND<10	ND<10	ND<30	70	**59**	-	-
	05/25/00	401.13	NR	NR	-	**144**	ND<10	ND<10	ND<20	144	**530**	-	-
	09/25/00	401.13	NR	NR	-	**27**	ND<2	ND<2	ND<4	27	**62**	-	-
	09/12/11	401.13	13.83	387.30	-	0.56 J	ND<0.15	ND<0.21	ND<0.17	0.56	**54.9**	ND<3.5	ND<16
	12/23/11	401.13	12.50	388.63	-	**31.4**	0.42 J	3.8	23.2	58.82	**299**	**190**	**627**
	03/26/12	401.13	12.68	388.45	-	**14.9**	ND<0.15	ND<0.21	5.4	20.3	**245**	**714**	**620**
	06/21/12	401.13	13.87	387.26	-	**5.1**	ND<0.23	ND<0.23	1.5	6.6	**131**	**175**	**238**
	09/17/12	401.13	16.22	384.91	-	**9.9**	ND<0.23	ND<0.23	2.4	12.3	**250**	**194**	**397**
	12/03/12	401.13	17.81	383.32	-	**3.4**	0.5	1.3	7.3	12.5	**196**	**-**	**430**
MW-9A	04/25/05	400.00	8.61	391.39	-	-	-	-	-	-	-	-	-
	05/04/05	400.00	8.65	391.35	-	**5.0**	12	<8.0	<8.0	17.0	**16,000**	-	-
	03/07/06	400.00	10.25	389.75	-	-	-	-	-	-	-	-	-
	06/08/06	400.00	DRY	-	-	-	-	-	-	-	-	-	-
	12/05/06	400.00	10.37	389.63	-	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	**602**	**307**	**917**
	03/07/07	400.00	9.99	390.01	-	-	-	-	-	-	-	-	-
	07/06/07	400.00	10.72	389.28	-	ND<100	ND<100	ND<100	ND<100	ND<400	**24,100**	**193**	**19,800**
	09/13/07	400.00	DRY	-	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	12/20/07	400.00	DRY	-	-	-	-	-	-	-	-	-	-
	03/17/08	400.00	12.66	387.34	-	-	-	-	-	-	-	-	-
	06/10/08	400.00	11.44	388.56	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<4.0	0.83 J	ND<100	ND<200
	11/19/09	400.00	DRY	-	-	-	-	-	-	-	-	-	-
Abandoned													
MW-9	01/15/01	399.97	-	-	-	3.0	<1.0	<1.0	<1.0	3.0	**2,300**	<500	**1,400**
	04/25/05	399.97	8.53	391.44	-	-	-	-	-	-	-	-	-
	05/04/05	399.97	8.44	391.53	-	**180**	120	120	280	700	**56,000**	-	-
	03/07/06	399.97	NR	-	-	-	-	-	-	-	-	-	-
	06/08/06	399.97	12.41	387.56	-	-	-	-	-	-	-	-	-
	09/12/06	399.97	11.15	388.82	-	0.25 J	ND<1.0	ND<1.0	ND<1.0	0.25	**205**	-	-
	12/05/06	399.97	11.37	388.60	-	**67.3**	16.1	80.0	115	278.4	**50,900**	**151**	**52.9**
	03/07/07	399.97	10.93	389.04	-	**5.9**	0.80 J	0.92 J	5.0	12.62	**3,210**	-	-
	07/06/07	399.97	11.70	388.27	-	**118**	20.3 J	222	631	991.3	**7,150**	**1,590**	**10,600**
	09/13/07	399.97	13.92	386.05	-	9.4	0.76 J	12.8	27.9	50.86	**473**	-	-
	12/20/07	399.97	15.70	384.27	-	-	-	-	-	-	-	-	-
	03/17/08	399.97	13.70	386.27	-	0.36 J	ND<1.0	ND<1.0	ND<1.0	0.36	**243**	-	-
	06/10/08	399.97	12.48	387.49	-	0.48 J	ND<1.0	ND<1.0	ND<1.0	0.48	**175**	**182**	**1,130**
	12/28/09	399.97	11.92	388.05	-	<1.0	<1.0	<1.0	0.34	0.34	0.68	-	<32
	02/15/10	399.97	10.31	389.66	-	**22.9**	4.2	80.3	19.5	126.9	**79.8**	**858**	**1,380**
	04/23/10	399.97	8.78	391.19	-	**19.5**	5.4	22.3	60.6	107.8	**187**	**367**	**848**
	04/11/11	399.97	11.52	388.45	-	ND<0.23	ND<0.30	ND<0.27	ND<0.25	ND<1.05	15.5	ND<39	ND<11
	09/12/11	399.97	12.75	387.22	-	0.57 J	ND<0.15	1.7	ND<0.17	2.27	10.8	**439**	ND<16
	12/23/11	399.97	11.54	388.43	-	3.9	0.32 J	21.7	1.1	27.02	11.4	**406**	**359**
	03/26/12	399.97	11.62	388.35	-	39.4	5.5	194	269	507.9	76.6	**1,910**	**3,060**
	06/21/12	399.97	12.58	387.39	-	0.48 J	ND<0.23	1.0	0.40 J	1.88	2.6	**213**	ND<40
	09/17/12	399.97	14.68	385.29	-	ND<0.24	ND<0.23	0.24 J	ND<0.24	0.24	9.3	**331**	**214**
	12/03/12	399.97	15.82	384.15	-	ND<0.24	ND<0.23	ND<0.23	ND<0.24	ND<0.91	4.9	ND<53	ND<40

TABLE 2
GROUNDWATER LABORATORY ANALYTICAL RESULTS TABLE
BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Product (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards for Type I and II Aquifers						5	1,000	700	10,000	NA	20	47	47
MW-10/RW-10	11/19/09	100.00	12.61	87.39	-	-	-	-	-	-	-	-	-
	12/28/09	400.36	11.84	388.52	-	**1,200**	**13,800**	**2,590**	**17,000**	34,590	**163,000A**	-	**245,000**
	02/15/10	400.36	10.40	389.96	-	**2,310**	**11,800**	**2,650**	**15,500**	32,260	**139,000**	**12,800**	**246,000**
	04/23/10	400.36	8.78	391.58	-	**1,780**	**14,700**	**3,010**	**19,200**	38,690	**162,000**	15.2	**192**
	04/11/11	400.36	11.75	388.61	-	**2,570**	**6,450**	**3,040**	**14,300**	26,360	**75,800**	**15,300**	**149,000**
	09/12/11	400.36	12.98	387.38	-	**2,680**	**7,910**	**2,970**	**14,800**	28,360	**65,900**	**20,100**	**148,000**
	12/23/11	400.36	11.65	388.71	-	**2,760**	**6,680**	**3,030**	**14,300**	26,770	**42,200**	**638**	**122,000**
	03/26/12	400.36	11.75	388.61	-	**1,790**	**5,500**	**2,190**	9,800	19,280	**22,000**	**17,000**	**109,000**
	06/21/12	400.36	13.14	387.22	-	**1,420**	**10,500**	**3,010**	**13,200**	28,130	**15,600**	**17,700**	**92,200**
	09/17/12	400.36	14.48	385.88	-	**170**	171	275	1,060	1,676	**4,050**	**1,920**	**8,210**
	12/03/12	400.36	20.2	380.16	-	**894**	3,590	684	5,810	10,978	**7,750**	**8,470**	**57,600**
MW-11	12/28/09	401.07	11.85	389.22	-	**513**	317	278	726	1,834	**1,590**	-	**9,430**
	02/15/10	401.07	10.93	390.14	-	**1,010**	**1,550**	**759**	2,510	5,829	**2,690**	**4,430**	**24,300**
	04/23/10	401.07	9.45	391.62	-	**936**	772	**724**	1,990	4,422	**1,920**	5.53	12.1
	04/11/11	401.07	12.28	388.79	-	**175**	125	140	245	685	**1,480**	**2,210**	**5,440**
	09/12/11	401.07	13.47	387.60	-	**16.4**	2.3	10.4	21.6	50.7	**596**	**1,660**	**1,230**
	12/23/11	401.07	12.15	388.92	-	**604**	**1,880**	594	2,490	5,568	**1,370**	**3,260**	**17,300**
	03/26/12	401.07	12.36	388.71	-	**940**	**3,480**	**859**	3,720	8,999	**1,400**	**5,320**	**36,500**
	06/21/12	401.07	13.55	387.52	-	**204**	467	252	694	1,617	**1,500**	**2,810**	**6,870**
	09/17/12	401.07	15.89	385.18	-	**10.6**	ND<2.3	21.4	7.7 J	39.7	**1,270**	**2,040**	**2,110**
	12/03/12	401.07	17.05	384.02	-	**1040**	1,180	612	2,020	4,852	**1,720**	**3,950**	**22,900**
MW-12/RW-12	09/12/11	400.12	12.85	387.27	-	**1,150**	**4,460**	**2,140**	**10,700**	18,450	**95,900**	**16,800**	**161,000**
	12/23/11	400.12	11.50	388.62	-	**1,040**	**4,950**	**2,130**	**11,100**	19,220	**89,500**	**12,000**	**147,000**
	03/26/12	400.12	11.62	388.50	-	**1,170**	**3,080**	**1,930**	8,650	14,830	**82,800**	**19,500**	**191,000**
	06/21/12	400.12	13.05	387.07	-	**598**	**1,900**	**1,430**	6,200	10,128	**65,800**	**15,300**	**127,000**
	09/17/12	400.12	14.73	385.39	-	**60.5**	69.4	120	176	425.9	**4,220**	**1,040**	**5,530**
	12/03/12	400.12	20.8	379.32	-	**104.0**	75.3	95	218	492.3	**7,240**	**3,180**	**14,700**
MW-13	09/12/11	401.90	14.35	387.55	-	-	-	-	-	-	-	-	-
	12/23/11	401.90	13.07	388.83	-	ND<0.22	ND<0.15	ND<0.21	ND<0.17	ND<0.75	ND<0.18	*	ND<16
	03/26/12	401.9	13.25	388.65	-	ND<0.22	ND<0.15	ND<0.21	ND<0.17	ND<0.75	0.49 J	ND<3.5	ND<16
Abandoned													
MW-14	09/12/11	400.45	12.67	387.78	-	**8.8**	ND<0.73	ND<1.1	ND<0.87	8.8	**5,360**	**537**	**6,150**
	12/23/11	400.45	11.33	389.12	-	**13.6**	ND<1.5	ND<2.1	3.6 J	17.2	**3,730**	**332**	**4,570**
	03/26/12	400.45	11.35	389.10	-	**11.4**	ND<1.5	ND<2.1	ND<1.7	11.4	**1,900**	**826**	**3,720**
	06/21/12	400.45	12.36	388.09	-	**11.1 J**	ND<4.5	ND<4.6	ND<4.8	11.1	**2,290**	**808**	**4,060**
	09/17/12	400.45	14.49	385.96	-	**11.3**	ND<2.3	ND<2.3	ND<2.4	11.3	**3,310**	**388**	**4,260**
	12/03/12	400.45	15.61	384.84	-	**13.3**	ND<2.3	ND<2.3	ND<2.4	13.3	**3,360**	**669**	**5,290**
MW-15D	12/23/11	401.88	12.70	389.18	-	ND<0.22	ND<0.15	ND<0.21	ND<0.17	ND<0.75	**31.7**	**130**	ND<16
	03/26/12	401.88	13.00	388.88	-	ND<0.22	ND<0.15	ND<0.21	ND<0.17	ND<0.75	1.9	ND<3.5	ND<16
	06/21/12	401.88	14.30	387.58	-	ND<0.24	ND<0.23	ND<0.23	ND<0.24	ND<0.94	0.53 J	**225**	ND<40
	09/17/12	401.88	16.80	385.08	-	ND<0.24	ND<0.23	ND<0.23	ND<0.24	ND<0.94	2.1	**161**	ND<40
	12/03/12	401.88	17.53	384.35	-	ND<0.24	ND<0.23	ND<0.23	ND<0.24	ND<0.94	1.4	**186**	ND<40
MW-15S	12/23/11	401.83	12.60	389.23	-	ND<0.22	ND<0.15	ND<0.21	ND<0.17	ND<0.75	ND<0.18	ND<3.5	ND<16
	03/26/12	401.83	12.87	388.96	-	ND<0.22	ND<0.15	ND<0.21	ND<0.17	ND<0.75	ND<0.18	ND<3.5	ND<16
	06/21/12	401.83	14.17	387.66	-	ND<0.24	ND<0.23	ND<0.23	ND<0.24	ND<0.94	ND<0.16	ND<3.5	ND<40
	09/17/12	401.83	16.69	385.14	-	ND<0.24	ND<0.23	ND<0.23	ND<0.24	ND<0.94	ND<0.16	ND<53	ND<40
	12/03/12	401.83	17.51	384.32	-	ND<0.24	ND<0.23	ND<0.23	ND<0.24	ND<0.94	ND<0.16	ND<53	ND<40
MW-16	09/12/11	401.03	13.47	387.56	-	-	-	-	-	-	-	-	-
	12/23/11	401.03	12.11	388.92	-	**16.4 J**	ND<2.9	4.9 J	5.2 J	26.5	**11,000**	*	**13,300**
	03/26/12	401.03	12.35	388.68	-	**30.1**	10.5 J	ND<4.2	225	265.6	**7,660**	**2,210**	**12,800**

TABLE 2
GROUNDWATER LABORATORY ANALYTICAL RESULTS TABLE
BEL AIR XTRA FUELS
BEL AIR, MARYLAND

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Product (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards for Type I and II Aquifers						5	1,000	700	10,000	NA	20	47	47
Abandoned													
RW-3	01/15/01	403.14	-	-	-	**700**	190	<2.0	780	1,670	**5,700**	**5,500**	**11,000**
	04/25/05	403.14	11.06	392.08	-	**52**	59	120	800	1,031	**490**	-	-
	05/04/05	403.14	11.24	391.90	-	-	-	-	-	-	-	-	-
	12/14/05	403.14	15.57	387.57	-	**160**	57.7	46.1	389	652.8	**134**	**1,770**	**3,630**
	03/07/06	403.14	13.05	390.09	-	**55**	21.9	55.3	255	387.2	**419**	-	-
	06/08/06	403.14	14.58	388.56	-	-	-	-	-	-	-	-	-
	09/12/06	403.14	14.23	388.91	-	**10.5**	7.4	27.7	145	190.6	**54.0**	-	-
	12/05/06	403.14	13.05	390.09	-	**48.1**	49.4	62.6	188	348.1	**271**	**890**	**271**
	03/07/07	403.14	12.71	390.43	-	0.50 J	0.29 J	1.4	5.9	8.09	**6.6**	-	-
	07/06/07	403.14	13.91	389.23	-	**477**	150	258	715	1,600	**299**	**1,990**	**6,190**
	09/13/07	403.14	16.40	386.74	-	**236**	35.2	68.5	196	535.7	**172**	-	-
	12/20/07	403.14	18.15	384.99	-	-	-	-	-	-	-	-	-
	03/17/08	403.14	13.87	389.27	-	**70.1**	24.7	121	358	573.8	**75.5**	-	-
	06/10/08	403.14	14.58	388.56	-	**63.6**	14.3	59.7	202	339.6	**243**	**3,690**	**5,160**
	11/19/09	403.14	13.00	390.14	-	-	-	-	-	-	-	-	-
	12/28/09	403.14	13.00	390.14	-	-	-	-	-	-	-	-	-
Abandoned													
RW-17	03/26/12	400.72	NS	NS	-	-	-	-	-	-	-	-	-
	04/17/12	400.72	12.51	388.21	-	**28.2**	98.6	176	1,150	1,452.8	**1,840**	**3,520**	**9,630**
	06/21/12	400.72	13.44	387.28	-	**62.0**	163	585	2,440	3,250	**1,720**	**6,020**	**16,500**
	09/17/12	400.72	15.4	385.32	-	**217.0**	428	1260	2,800	4,705	**2,220**	**7,800**	**17,700**
	12/03/12	400.72	24.80	375.92	-	**199**	212	**104**	659	1,174	**1,140**	**2,500**	**6,250**
RW-18	03/26/12	400.74	-	-	-	-	-	-	-	-	-	-	-
	04/17/12	400.74	12.60	388.14	-	3.5 J	ND<0.73	38.3	126	167.8	**673**	**1,780**	**3,520**
	06/21/12	400.74	13.37	387.37	-	**6.7**	1.9	42.5	64.7	115.8	**918**	**1,270**	**3,570**
	09/17/12	400.74	14.70	386.04	-	4.1	1.6	148	213	366.7	**433**	**1,240**	**4,510**
	12/03/12	400.74	16.27	384.47	-	24.9	7.8	17.1	119	168.8	**868**	**1,870**	**6,250**
RW-19	03/26/12	399.80	-	-	-	-	-	-	-	-	-	-	-
	04/17/12	399.80	11.76	388.04	-	3.4	ND<0.29	1.2 J	1.9 J	6.5	**9,530**	**592**	**12,600**
	06/21/12	399.80	12.64	387.16	-	ND<2.4	ND<2.3	ND<2.3	ND<2.4	ND<9.4	**5,320**	**517**	**6,450**
	09/17/12	399.80	14.65	385.15	-	4.9 J	ND<2.3	ND<2.3	ND<2.4	4.9	**5,780**	**611**	**6,040**
	12/03/12	399.80	23.7	376.1	-	22	ND<2.3	14	4.9 J	40.9	**6,040**	**1520**	**9,270**
RW-20	03/26/12	399.83	-	-	-	-	-	-	-	-	-	-	-
	04/17/12	399.83	11.88	387.95	-	**40.6**	16.8	77.4	263	397.8	**701**	**1,690**	**4,450**
	06/21/12	399.83	12.44	387.39	-	**113**	31.3	240	755	1,139.30	**543**	**3,730**	**7,970**
	09/17/12	399.83	14.42	385.41	-	**8.8 J**	ND<2.3	4.5 J	9.1 J	22.4	**67.8**	**1,700**	**2,540**
	12/03/12	399.83	15.7	384.13	-	**29.3**	23.3	15	56.9	124.5	**5,820**	**948**	**9,360**
TF-1	03/07/06	400.62	DRY	-	-	-	-	-	-	-	-	-	-
	06/08/06	400.62	DRY	-	-	-	-	-	-	-	-	-	-
	12/05/06	400.62	DRY	-	-	-	-	-	-	-	-	-	-
	03/07/07	400.62	DRY	-	-	-	-	-	-	-	-	-	-
	07/06/07	400.62	DRY	-	-	-	-	-	-	-	-	-	-
	09/13/07	400.62	DRY	-	-	-	-	-	-	-	-	-	-
	12/20/07	400.62	DRY	-	-	-	-	-	-	-	-	-	-
	03/17/08	400.62	DRY	-	-	-	-	-	-	-	-	-	-
	06/10/08	400.62	11.48	389.14	-	-	-	-	-	-	-	-	-
	02/15/10	400.62	10.42	390.20	-	0.23 J	4.3	1.8	87.7	94.03	0.83 J	**4,750**	**1,140**
	06/17/10	400.62	10.51	390.11	-	-	-	-	-	-	-	-	-
	09/12/11	400.62	10.98	389.64	-	3.4	127	28.2	1,270	1,428.6	3.6	*	**4,410**
	12/23/11	400.62	10.90	389.72	-	ND<0.22	1.7	0.80 J	19.7	22.20	1.5	*	**206**
	06/21/12	400.62	DRY	-	-	-	-	-	-	-	-	-	-
	09/17/12	400.62	11.47	389.15	*	*	*	*	*	*	*	*	*
	12/03/12	400.62	DRY	-	-	-	-	-	-	-	-	-	-

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BEL AIR, MARYLAND

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Product (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards for Type I and II Aquifers						5	1,000	700	10,000	NA	20	47	47
TF-2	03/07/06	401.64	NR	-	-	-	-	-	-	-	-	-	-
	06/08/06	401.64	DRY	-	-	-	-	-	-	-	-	-	-
	12/05/06	401.64	12.63	389.01	-	-	-	-	-	-	-	-	-
	07/06/07	401.64	DRY	-	-	-	-	-	-	-	-	-	-
	09/13/07	401.64	DRY	-	-	-	-	-	-	-	-	-	-
	12/20/07	401.64	DRY	-	-	-	-	-	-	-	-	-	-
	03/17/08	401.64	DRY	-	-	-	-	-	-	-	-	-	-
	06/10/08	401.64	DRY	-	-	-	-	-	-	-	-	-	-
	02/15/10	401.64	11.41	390.23	-	ND<0.23	0.55 J	0.96 J	5.3	6.81	7.7	**2,160**	ND<32
	06/17/10	401.64	11.51	390.13	-	-	-	-	-	-	-	-	-
	09/12/11	401.64	DRY	-	-	-	-	-	-	-	-	-	-
	12/23/11	401.64	DRY	-	-	-	-	-	-	-	-	-	-
	06/21/12	401.64	DRY	-	-	-	-	-	-	-	-	-	-
	09/17/12	401.64	DRY	-	-	-	-	-	-	-	-	-	-
	12/03/12	401.64	DRY	-	-	-	-	-	-	-	-	-	-

All samples were placed on ice in a cooler and transported under a Chain of Custody to Accutest Laboratories of Dayton, NJ. All samples were analyzed within the applicable holding time with a dilution of 10% Hydrochloric Acid (HCL) as a preservative. All samples were sampled using a disposable bailer & were purged three volumes, prior to sampling. Regulatory Standards are based on the Maryland Department of the Environment Maryland Environmental Assessment Technology Generic Number Standards (February 2003).

Bolded values indicate concentrations above MDE standards.

<# or ND(#)	= Less than the method detection limit of #
µg/L	= Micrograms/liter
BTEX	= Benzene, toluene, ethylbenzene, xylenes
J	= Estimated Concentration
MTBE	= Methyl-tertiary Butyl-ether
NA	= Not Available or not analyzed for that specific compound
ND	= Not detected above laboratory method detection limits
NR	= Not reported
TPH-DRO	= Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO	= Total Petroleum Hydrocarbons - Gasoline Range Organics
* or DRY	= Insufficent water to collect a groundwater sample for analysis
"-"	= Not Sampled
NS	= Not Surveyed