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October 26, 2016

Sent Via FedEx with Delivery Confirmation

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

148727.002.004

Subject: Site Status Report: Third 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 Third 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 July 1, 2016 through September 30, 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 July 21, August 25, and September 15, 2016. Full laboratory data packages are included in Appendix A.
- BC conducted routine Vacuum Enhanced Groundwater Extraction (VEGE) system Operations and Maintenance (O&M) activities on July 7, 21 and 29, August 4 and 25, and September 14 and 30, 2016.
- VEGE system influent and effluent water samples were collected on July 7 and 21, August 4 and 25, and September 14 and 30, 2016. Full laboratory data packages are included in Appendix A.
- The third quarter 2016 groundwater monitoring event was conducted on September 12 through 15, 2016. Groundwater levels were gauged in thirteen (13) monitoring wells and six (6) extraction wells on September 12, 2016, and groundwater samples were collected on September 12 through 14, 2016. Full laboratory data packages are included in Appendix A.
- Historic groundwater gauging and sampling event data (January 15, 2001 through December 3, 2012) is included as Appendix B.
- Non-routine VEGE system O&M activities conducted September 20-21, 2016 included: Redevelopment of recovery wells RW-10, RW-12, RW-17, RW-18, RW-19, and RW-20 by a licensed MD driller; Recovery well pump and recovery line maintenance/replacement, as needed; Influent flow meter replacement and

replacement of a portion of the system's interior piping to reduce elbows and expansions/contractions leading up to the influent flow meter.

- BC will continue CAP implementation activities at the site during the fourth 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.
- Trend plots for vapor and groundwater recovery on a quarterly and cumulative basis are included as Appendix C.

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 FedEx)*
Eric Harvey, Global Partners LP. *(via email)*
Frank Eastman, Global Partners LP Law Offices. *(via email)*

Attachments

THIRD QUARTER 2016 SITE STATUS REPORT
JULY 1, 2016 THROUGH SEPTEMBER 30, 2016, 2016
BEL AIR XTRA FUELS SITE

Consultant: Brown and Caldwell, BC

Project Manager: Jennifer M. Kugler

Client Manager: Eric Harvey, Global Partners, LP

Third Quarter 2016 Site Activities	
7/6	Routine Vacuum Enhanced Groundwater Extraction (VEGE) system O&M including influent and effluent sampling.
7/21	Routine VEGE system O&M including influent and effluent sampling. Potable water samples collected from 1 Meadow Spring Drive Point of Entry Treatment (POET) System
7/29	VEGE system restart and partial O&M following system shut-down due to wet weather event.
8/5	Routine VEGE system O&M including influent and effluent sampling.
8/24	Routine VEGE system O&M including influent and effluent sampling. Potable water samples collected from 1 Meadow Spring Drive POET System.
9/12-9/14	Quarterly groundwater monitoring event conducted. Event included gauging and sampling of thirteen (13) monitoring wells and six (6) extraction wells.
9/14	Routine VEGE system O&M including influent and effluent sampling. Potable water samples collected from 1, 3, 5, 7, 9 and 10 Meadow Spring Drive, 2303, 2319, 2317 and 2401 Churchville Road.
9/20-9/21	Non-routine VEGE O&M including recovery well redevelopment, recovery well pump O&M and recovery line replacement, influent flow meter replacement and re-piping of a portion of the system's interior piping.
9/30	Routine VEGE system O&M including influent and effluent sampling. Potable water sample collected from 2401 A 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 May 31 through June 1, 2016.
# of Monitoring or Recovery Wells / # Sampled:	19/19 (includes thirteen (13) monitoring wells/six (6) recovery wells)
Depth to Water (ft.):	1.06 feet (MW-17D) to 16.82 feet (MW-16D)
Dissolved Benzene Range:	Non-Detect (ND) (MW-9, MW-15D, MW-15S, MW-16D, MW-17S, MW-17I, MW-17D, MW/RW- 10, MW/RW-12, MW/RW-19) to 121 micrograms per liter (µg/L) (MW-16I)
Dissolved Total Benzene, Toluene, Ethylbenzene and Xylene (BTEX) Range:	ND MW-9, MW-15D, MW-15S, MW-16D, MW-17S, MW-17I, MW/RW-12, MW/RW-17, MW/RW-19) to 121 µg/L (MW-16I)
Dissolved Methyl tert-butyl ether (MTBE) Range:	ND (MW-15S, MW-15D, MW/RW-12) to 3,640 µg/L (MW-16I)
Dissolved Total Petroleum Hydrocarbons – Diesel Range Organics (TPH-DRO):	ND (MW-15S, MW-15D, MW-16D) to 7.13 milligrams per liter (mg/L) (MW-7)
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-10, MW/RW-12, RW/MW-19) to 4.41 mg/L (MW-16I)

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):	0.29 pounds / 282.6 pounds (based on soil vapor extraction [SVE] system readings) In general, the SVE system continues to exhibit asymptotically diminishing hydrocarbon vapor recovery rates.
Recovery Wells Operating During Reporting Period:	RW-10, RW-12, RW-18, RW -19, RW-20
VEGE System Uptime:	The VEGE system uptime for this reporting period was 86 percent for the pump and treat portion of the system and 91 percent for the SVE portion of the system. 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. The system was also left off during a two-day non-routine O&M event in which the system's recovery wells and pumps were being serviced. The SVE downtime during this monitoring period was caused from excessive water being pulled into the system's knock-out tank during wet weather events. 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, 191,320 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 July 7, July 21, August 4, August 25, September 13, and September 30, 2016, and the total gallons pumped between those sampling periods, 191,320 gallons in total.
  - Total BTEX: 0.07 lbs. recovered.
  - MTBE: 0.06 lbs. recovered.
  - Naphthalene: 0.005 lbs. recovered.
  - TPH DRO: 0.12 lbs. recovered.
  - TPH GRO: 1.24 lbs. recovered.
- Recovery wells RW-10, RW-12, RW-18, RW-19, and RW-20 were each operated in sets of three at a time during the third quarter of 2016.
- A non-routine VEGE system O&M event occurred on September 19-20, 2016 in which the following activities were completed:
  - Re-development of each of the six recovery wells. At each recovery well location, the pump was extracted, the well screens were surged via a surge block and then approximately 75-100 gallons of water was pumped from the bottom of the well. All re-development water was temporarily containerized until it could be pumped into the VEGE system for treatment. Sediments which accumulated from the staged re-development water were containerized with the system's spent bag filters, which are stored within a 55-gallon drum labeled as non-hazardous waste.
  - Once extracted, each recovery well pump was serviced and piping/hoses leading to/from the pumps were replaced, as needed. Servicing activities included: Cleaning of the pump intakes, check valves and internal mechanism; Replacement of pump parts, as needed; Resetting of recovery well compressed air regulators; and Replacement of recovery lines and air discharge lines excessively fouled with sediments.
  - Replacement of the VEGE influent water meter and some associated piping. The previous water meter location was positioned just upgradient of the influent transfer pump and a series of piping diameter reductions. Per the water meter manufacturer's installation instructions, a section of piping was replaced so that the meter could be positioned further downgradient of the transfer pump and within a longer length of straight, same-diameter pipe, to reduce the turbulence of the water passing through the flow meter.
- Following the non-routine O&M activities completed at the end of the third quarter of 2016, the anticipated total volume of groundwater captured by the VEGE system and mass of contaminates captured is expected to increase in the upcoming fourth 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.

Attachments

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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
	402.73	05/31/2016	13.21	-	-	389.52
	402.73	09/12/2016	16.23			386.50
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
	401.13	05/31/2016	12.8	-	-	388.33
	401.13	09/12/2016	15.91			385.22
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
	399.97	05/31/2016	11.49	-	-	388.48
	399.97	09/12/2016	14.4			385.57

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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
	400.36	05/31/2016	11.46	-	-	388.90
	400.36	09/12/2016	14.24			386.12
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
	401.07	05/31/2016	12.40	-	-	388.67
	401.07	09/12/2016	15.46			385.61
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
	400.36	05/31/2016	10.06	-	-	390.30
	400.36	09/12/2016	14.63			385.73

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
	400.45	05/31/2016	11.36	-	-	389.09
	400.45	09/12/2016	14.07			386.38
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
	401.88	05/31/2016	12.95	-	-	388.93
	401.88	09/12/2016	16.24			385.64
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
	401.83	05/31/2016	12.84	-	-	388.99
	401.83	09/12/2016	16.17			385.66

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
	398.64	05/31/2016	13.54	-	-	385.10
	398.64	09/12/2016	16.26			382.38
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
	398.13	05/31/2016	13.13	-	-	385.00
	398.13	09/12/2016	16.06			382.07
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
	398.22	05/31/2016	13.9	-	-	384.32
	398.22	09/12/2016	16.82			381.40

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-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
	388.11	05/31/2016	7.21	-	-	380.90
	388.11	09/12/2016	10.16			377.95
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
	388.56	05/31/2016	8.27	-	-	380.29
	388.56	09/12/2016	9.71			378.85
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
	388.54	05/31/2016	16.27	-	-	372.27
	388.54	09/12/2016	1.06			387.48
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
	400.72	05/31/2016	11.94	-	-	388.78
	400.72	09/12/2016	14.94			385.78

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-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
	400.74	05/31/2016	11.58	-	-	389.16
	400.74	09/12/2016	14.49			386.25
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
	399.8	05/31/2016	11.61	-	-	388.19
	399.8	09/12/2016	14.37			385.43
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
	399.83	05/31/2016	11.24	-	-	388.59
	399.83	09/12/2016	14.08			385.75

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)
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

Monitoring Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	BTEX	Methyl tert butyl ether (MTBE)	TPH-GRO (C6-C10)	TPH DRO(C10-C28)
		5	1000	700	10000	-	20	0.047	0.047
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
MW-7	3/13/2013	**170**	63.3	623	1690	2546.3	**1730**	**16.3**	**11.6**
	6/19/2013	**117**	31.8	459	570	1177.8	**1020**	**10.1**	**12.1**
	9/12/2013	**50.4**	33	646	449	1178.4	**396**	**8**	**11.3**
	12/5/2013	**26.8**	18.9	308	87.7	441.4	**258**	**4.11**	**6.2**
	3/12/2014	**57.7**	542	697	2760	4056.7	**92.7**	**16.2**	**13.5**
	6/3/2014	**95.3**	349	**1140**	3810	5394.3	**417**	**30.8**	**8.73**
	9/3/2014	**13.3**	21.1	553	709	1296.4	**178**	**11.3**	**4.89**
	12/11/2014	**6.1**	15.3	552	352	925.4	**82.4**	**9.73**	**6.68**
	3/4/2015	**6.4**	58.1	469	870	1403.5	**95.5**	**8.92**	**8.42**
	6/4/2015	3.20	40.90	278	643	965.1	**46.60**	**6.81**	**4.65**
	9/4/2015	2.50	10.30	37.30	380	430.1	**57.50**	**4.72**	**3.92**
	12/16/2015	2.40	10.60	417	234	664	**21.50**	**5.51**	**1.49**
	3/22/2016	ND	22.90	455	461	938.9	**40.1**	**7.36**	**4.98**
	6/1/2016	0.86	6.40	192	185	384.26	19.70	**4.32**	**3.44**
	9/14/2016	0.50	1.10	3	108	112.10	6.40	**3.62**	**7.13**
MW-8	3/13/2013	0.72 J	ND	ND	0.93 J	1.65	**130**	**0.226**	ND
	6/20/2013	0.25 J	ND	ND	ND	0.25	**62.2**	ND	ND
	9/12/2013	**36.6**	11.5	29.9	70.9	148.9	**155**	**0.768**	**0.349**
	12/6/2013	**68.4**	0.58 J	12.5	43	124.48	**169**	**1.06**	**0.509**
	3/11/2014	**111**	0.67 J	2.3	26.3	140.27	**360**	**1.57**	**1.36**
	6/3/2014	**12.3**	ND	0.45 J	5.9	18.65	**157**	**0.562**	**0.393**
	9/4/2014	**24.6**	1.7	7.3	28.1	61.7	**153**	**0.788**	**0.306**
	12/11/2014	**44.6**	2.90	15.80	52.2	115.5	**205**	**1.19**	**0.96**
	3/4/2015	ND	ND	ND	ND	ND	**21**	ND	ND
	6/4/2015	**22.9**	0.89 J	4.3	33	61.09 J	**175**	**0.561**	**0.456**
	9/4/2015	**35.20**	0.73 J	3.80	39.10	78.83	**156**	**0.662**	**0.598**
	12/16/2015	**46.4**	2	17.5	97.1	163	**174**	**0.912**	**1.21**
	3/22/2016	**20.40**	0.37 J	5.70	30.30	56.40 J	**150**	**0.654**	**0.947**
	6/1/2016	**14.8**	ND	3.40	29.40	47.60	**91.80**	**0.457**	**0.514**
	9/14/2016	**24.9**	0.50 J	4.00	72.90	102.3 J	**74.80**	**0.676**	**1.660**
MW-9	3/13/2013	ND	ND	ND	ND	ND	0.22 J	ND	ND
	6/19/2013	ND	ND	ND	ND	ND	ND	ND	**0.44**
	9/12/2013	ND	ND	ND	ND	ND	0.62 J	ND	ND
	12/5/2013	ND	ND	ND	ND	ND	0.4 J	ND	ND
	3/11/2014	ND	ND	ND	ND	ND	1.4	ND	**0.127**
	6/3/2014	ND	ND	0.64 J	ND	0.64 J	0.57 J	ND	ND
	9/3/2014	ND	ND	ND	ND	ND	**34.5**	ND	**0.496**
	12/11/2014	ND	ND	ND	ND	0	3.8	ND	**0.645**
	3/3/2015	ND	ND	ND	ND	ND	6.1	ND	ND
	6/4/2015	ND	ND	ND	ND	ND	5.2	ND	**0.0967**
	9/4/2015	ND	ND	ND	ND	ND	3.20	ND	**0.300**
	12/16/2015	ND	ND	ND	ND	ND	0.46 J	ND	ND
	3/22/2016	ND	ND	ND	ND	ND	1.0	ND	**0.173**
	6/1/2016	ND	ND	ND	ND	ND	1.30	ND	ND
	9/14/2016	ND	ND	ND	ND	ND	1.10	ND	0.107
MW/RW-10	3/14/2013	**11.5**	5.6	9.4	70.5	97	**95.2**	**0.45**	**0.624**
	6/19/2013	3	2.6	4.3	14	23.9	**32.2**	**0.202**	**0.534**
	9/12/2013	**236**	58.6	187	392	873.6	**463**	**3.51**	**1.73**
	12/13/2013	0.53 J	3.7	1.2	40.6	46.03	4.6	**0.26**	**0.176**
	3/12/2014	1.6	1.7	1.3	24	28.6	1.3	ND	**0.346**
	6/17/2014	0.72	0.47 J	5.1	9.7	15.99 J	0.77 J	ND	**0.514**
	9/17/2014	**302**	830	325	1320	2777	**289**	**10.7**	**2.37**

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

Monitoring Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	BTEX	Methyl tert butyl ether (MTBE)	TPH-GRO (C6-C10)	TPH DRO(C10-C28)
		5	1000	700	10000	-	20	0.047	0.047
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
	1/6/2015	**5.4**	23.8	5.4	215	249.6	**35.6**	**1.21**	**0.443**
	3/4/2015	ND	ND	ND	ND	ND	ND	ND	**0.439**
	6/3/2015	0.81	0.7 J	3.4	37.9	42.81 J	2.7	**0.352**	**0.302**
	9/4/2015	0.57	ND	4.00	1.70	6.27	**29.50**	ND	ND
	12/16/2015	**37.90**	172.0	82.5	481	773.4	**55.8**	**0.469**	**0.243**
	3/23/2016	4.5	29.6	15.0	86.9	136	9.90	**0.347**	**0.178**
	6/1/2016	2.7	28.8	10.4	74	115.9	19.00	**0.323**	**0.874**
	9/14/2016	ND	ND	1.3	ND	1.3	3.90	**ND**	**0.0867**
MW-11	3/13/2013	**597**	167	290	391	1445	**972**	**8.45**	**2.07**
	6/19/2013	**313**	36.4	150	167	666.4	**840**	**5.41**	**2.02**
	9/12/2013	**322**	223	187	463	1195	**1140**	**6.3**	**1.77**
	12/5/2013	**75.7**	11.2	58.7	84.7	230.3	**1100**	**3.75**	**1.41**
	3/11/2014	**8.4**	4.3	5.3	10.8	28.8	**163**	**0.459**	**0.654**
	6/3/2014	**320**	378	261	798	1757	**559**	**8.32**	**2.25**
	9/3/2014	**679**	**1810**	**791**	2910	6190	**915**	**26.4**	**3.32**
	12/11/2014	**634**	**1430**	**766**	2880	5710	**824**	**21.8**	**4.05**
	3/3/2015	**44.3**	77.6	29.3	179	330.2	**252**	**1.14**	ND
	6/4/2015	**456**	**1020**	565	2060	4101	**501**	**12.9**	**4.18**
	9/4/2015	**200**	369	198	825	1592	**391**	**4.78**	**1.96**
	12/16/2015	**69.9**	98.8	102	311	581.7	**519**	**1.77**	**1.45**
	3/22/2016	**615**	993	**849**	2660	5117	**358**	**15.0**	**5.36**
	6/1/2016	**327**	678	490	1710	3205	**307**	**8.74**	**5.43**
	9/14/2016	**14**	1	10	14	39	**124**	**0.50**	**0.926**
MW/RW-12	3/14/2013	0.92 J	ND	1.4	0.56 J	2.88	**119**	**0.29**	ND
	6/19/2013	ND	ND	ND	ND	ND	13.6	ND	**0.562**
	9/12/2013	**24.6**	20	38.8	67.7	151.1	**333**	**0.99**	**0.715**
	12/13/2013	0.55 J	1.1	1	9.4	12.05	**24.8**	ND	**0.137**
	3/12/2014	0.46 J	ND	0.22 J	0.26 J	0.94	1.7	ND	**0.858**
	6/17/2014	**12.4**	5.3	48.5	86.5	152.7	**22.2**	**1.47**	**0.412**
	9/4/2014	**50.8**	104	65.2	441	661	**91.7**	**3.33**	**1.46**
	1/5/2015	5	4.9	11.9	47.3	69.1	**73.3**	**0.86**	**0.242**
	6/4/2015	ND	ND	ND	ND	ND	ND	ND	**0.169**
	3/4/2015	ND	ND	ND	ND	ND	ND	ND	**0.453**
	9/4/2015	0.3 J	ND	ND	ND	0.3	1.60	ND	**0.226**
	12/16/2015	0.54	1.3	1.5	4.1	7.44	9.1	ND	**0.420**
	3/23/2016	1.60	11.3	4.20	25.8	42.9	5.0	**0.354**	**0.633**
	6/1/2016	2.10	15.8	6.70	47.4	72.0	**23.6**	**0.281**	**0.586**
	9/14/2016	ND	ND	ND	ND	ND	ND	ND	**0.325**
MW-14	3/13/2013	**9.7**	ND	0.93 J	4.6	15.23	**3160**	**5.21**	**0.564**
	6/19/2013	**7**	ND	ND	ND	7	**2720**	**3.95**	**0.441**
	9/12/2013	**13.4**	ND	ND	3 J	16.4	**4300**	**6.34**	**0.498**
	12/6/2013	**12**	ND	1.1 J	4.8 J	17.9	**5140**	**7.95**	**0.383**
	3/11/2014	**10**	ND	ND	ND	10	**3270**	**4.54**	**0.392**
	6/3/2014	**10**	ND	ND	ND	10	**2470**	**4.93**	**0.242**
	9/3/2014	**9.4**	ND	ND	ND	9.4	**3340**	**5.58**	ND
	12/11/2014	**7.7**	ND	ND	1.4	9.1	**2990**	**4.82**	**0.21**
	3/3/2015	**6.1 J**	ND	ND	ND	6.1 J	**2610**	**3.21**	ND
	6/4/2015	3.1 J	ND	ND	ND	3.1 J	**1600**	**2.22**	**0.2**
	9/4/2015	3.60	ND	ND	ND	3.6	**1550**	**1.700**	**0.312**

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

Monitoring Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	BTEX	Methyl tert butyl ether (MTBE)	TPH-GRO (C6-C10)	TPH DRO(C10-C28)
		5	1000	700	10000	-	20	0.047	0.047
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
	12/16/2015	2.7	ND	ND	ND	2.7	**1770**	**1.46**	**0.294**
	3/22/2016	2.70	ND	ND	0.38 J	3.08 J	**1140**	**1.36**	**0.269**
	6/1/2016	2.3 J	ND	ND	ND	2.3 J	**946**	**1.15**	ND
	9/14/2016	1.7 J	ND	ND	ND	1.7 J	**913**	**1.08**	**0.371**
MW-15D	3/13/2013	ND	ND	ND	0.36 J	0.36	0.24 J	ND	**0.774**
	6/20/2013	ND	ND	ND	ND	ND	0.25 J	ND	**0.417**
	9/12/2013	ND	ND	ND	ND	ND	ND	ND	**0.239**
	12/5/2013	ND	ND	ND	ND	ND	ND	ND	ND
	3/11/2014	ND	ND	ND	ND	ND	ND	ND	**0.13**
	6/3/2014	ND	ND	ND	ND	ND	0.48 J	ND	ND
	9/3/2014	ND	ND	ND	ND	ND	ND	ND	ND
	12/11/2014	ND	ND	ND	1.20	1.20	0.55 J	ND	ND
	3/4/2015	ND	ND	ND	ND	ND	ND	ND	ND
	6/2/2015	ND	ND	ND	ND	ND	0.41 J	ND	ND
	9/2/2015	ND	ND	ND	ND	ND	0.32 J	ND	**0.347**
	12/14/2015	ND	ND	ND	ND	ND	0.44 J	ND	ND
	3/22/2016	ND	ND	ND	ND	ND	0.49 J	ND	ND
	5/31/2016	ND	ND	ND	ND	ND	0.37 J	ND	ND
	9/13/2016	ND	ND	ND	ND	ND	ND	ND	ND
MW-15S	3/13/2013	ND	ND	ND	ND	ND	ND	ND	ND
	6/20/2013	ND	ND	ND	ND	ND	ND	ND	ND
	9/12/2013	ND	ND	ND	ND	ND	ND	ND	ND
	12/5/2013	ND	ND	ND	ND	ND	ND	ND	ND
	3/11/2014	ND	ND	ND	ND	ND	ND	ND	ND
	6/3/2014	ND	ND	ND	ND	ND	ND	ND	ND
	9/3/2014	ND	ND	ND	ND	ND	ND	ND	ND
	12/11/2014	ND	ND	ND	ND	ND	ND	ND	ND
	3/4/2015	ND	ND	ND	ND	ND	ND	ND	ND
	6/3/2015	ND	ND	ND	ND	ND	ND	ND	ND
	9/2/2015	ND	ND	ND	ND	ND	ND	ND	**0.208**
	12/14/2015	ND	ND	ND	ND	ND	ND	ND	**0.104**
	3/22/2016	ND	ND	ND	ND	ND	ND	ND	ND
	5/31/2016	ND	ND	ND	ND	ND	ND	ND	**0.21**
	9/13/2016	ND	ND	ND	ND	ND	ND	ND	ND
MW-16D	9/13/2013	ND	1.1	ND	ND	1.1	**636**	ND	ND
	9/16/2013	**149**	ND	ND	ND	149	**3780**	ND	ND
	11/15/2013	ND	ND	ND	ND	ND	**284**	**0.424**	ND
	12/5/2013	ND	ND	ND	ND	ND	**96.8**	ND	ND
	3/11/2014	ND	ND	ND	ND	ND	5.2	ND	ND
	6/3/2014	0.22 J	ND	ND	ND	0.22 J	13.4	ND	ND
	9/4/2014	ND	ND	ND	ND	ND	3.3	ND	ND
	12/11/2014	0.43 J	ND	0.46 J	3.2	3.2	13.9	ND	ND
	3/3/2015	ND	ND	ND	0.88 J	0.88 J	4.5	ND	ND
	6/3/2015	ND	ND	ND	ND	ND	1.4	ND	ND
	9/3/2015	ND	ND	ND	ND	ND	2	ND	**0.499**
	12/15/2015	ND	ND	ND	ND	ND	17	ND	ND
	3/21/2016	ND	ND	ND	ND	ND	8.90	ND	ND
	5/31/2016	ND	ND	ND	ND	ND	4.60	ND	ND
	9/12/2016	ND	0.39 J	ND	ND	0.39 J	**25.70**	ND	ND

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

Monitoring Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	BTEX	Methyl tert butyl ether (MTBE)	TPH-GRO (C6-C10)	TPH DRO(C10-C28)
		5	1000	700	10000	-	20	0.047	0.047
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
MW-16I	9/13/2013	**188**	3.1	ND	2.5	193.6	**4300**	ND	ND
	11/15/2013	**164**	ND	ND	ND	164	**4180**	**4.22**	**0.413**
	12/5/2013	**136**	ND	ND	ND	136	**4150**	**5.98**	**0.135**
	3/11/2014	**117**	ND	ND	ND	117	**4090**	**5.06**	**0.118**
	6/3/2014	**104**	ND	ND	ND	104	**4050**	**5.9**	ND
	9/4/2014	**129**	ND	ND	ND	129	**3950**	**5.54**	ND
	12/11/2014	**166**	ND	ND	1.4	167.4	**4180**	**5.96**	ND
	3/3/2015	4.6 J	ND	ND	ND	4.6 J	**3650**	**4.45**	ND
	6/3/2015	**81.7**	ND	ND	ND	81.7	**3920**	**4.79**	ND
	9/3/2015	**129**	ND	ND	ND	129	**3940**	**4.14**	**0.122**
	12/15/2015	**121**	ND	ND	ND	121	**3550**	**3.68**	**0.0932**
	3/21/2016	**72.9**	ND	ND	ND	72.9	**4300**	**4.61**	ND
	5/31/2016	**96.7**	ND	ND	ND	96.7	**5570**	**4.52**	ND
	9/12/2016	**121**	ND	ND	ND	121	**3640**	**4.41**	**0.0876**
MW-16S	9/10/2013	**106**	ND	ND	ND	106	**1470**	ND	ND
	10/9/2013	**132**	ND	ND	2.6	134.6	**1450**	**2.24**	**0.203**
	11/15/2013	**157**	ND	ND	ND	157	**2330**	**2.77**	**0.109**
	12/5/2013	**129**	ND	ND	1.4 J	130.4	**2260**	**3.35**	ND
	3/11/2014	**111**	ND	ND	ND	111	**2330**	**3.02**	**0.16**
	6/3/2014	**142**	ND	ND	ND	142	**1720**	**2.56**	ND
	9/4/2014	**82.8**	ND	ND	ND	82.8	**922**	**1.52**	ND
	12/11/2014	**92.3**	ND	ND	0.97 J	92.3	**1310**	**2.13**	ND
	3/3/2015	**37.5**	ND	ND	ND	37.5	**1130**	**1.48**	ND
	6/3/2015	**33.8**	ND	ND	ND	33.8	**664**	**1.01**	**0.19**
	9/3/2015	**7.30**	ND	0.61 J	ND	7.91	**463**	**0.429**	**0.313**
	12/15/2015	**83**	ND	ND	ND	83	**1340**	**1.33**	**0.164**
	3/23/2016	**59.20**	ND	ND	ND	59.2	**809**	**1.03**	ND
	5/31/2016	**23.70**	ND	0.24 J	ND	23.94	**584**	**0.68**	ND
	9/12/2016	**90.30**	ND	ND	ND	90.3	**1140**	**1.33**	**0.256**
MW-17S	6/2/2014	ND	ND	ND	ND	ND	0.3 J	NA	NA
	8/14/2014	ND	ND	ND	ND	ND	ND	ND	**0.259**
	9/3/2014	ND	ND	ND	ND	ND	ND	ND	ND
	12/12/2014	ND	ND	ND	ND	ND	ND	ND	ND
	3/3/2015	ND	ND	ND	ND	ND	ND	ND	ND
	6/4/2015	ND	ND	ND	ND	ND	ND	ND	**0.124**
	9/2/2015	ND	ND	ND	ND	ND	ND	ND	**0.118**
	12/14/2015	ND	ND	ND	ND	ND	ND	ND	**0.122**
	3/21/2016	ND	ND	ND	ND	ND	ND	ND	**0.150**
	5/31/2016	ND	ND	ND	ND	ND	ND	ND	ND
MW-17I	8/14/2014	ND	0.81 J	ND	ND	0.81 J	5.3	ND	**0.784**
	9/3/2014	ND	0.36 J	ND	ND	0.36 J	3.7	ND	ND
	12/12/2014	ND	ND	ND	1.4	1.4	2.7	ND	**0.302**
	6/2/2015	ND	ND	ND	ND	ND	0.76 J	ND	ND
	9/2/2015	ND	ND	ND	ND	ND	0.80 J	ND	**0.22**
	12/14/2015	ND	ND	ND	ND	ND	0.88 J	ND	ND
	3/21/2016	ND	ND	ND	ND	ND	0.29 J	ND	ND
	5/31/2016	ND	ND	ND	ND	ND	0.48 J	ND	ND
	9/12/2016	ND	ND	ND	ND	ND	0.40 J	ND	**0.0999**

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

Monitoring Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	BTEX	Methyl tert butyl ether (MTBE)	TPH-GRO (C6-C10)	TPH DRO(C10-C28)
		5	1000	700	10000	-	20	0.047	0.047
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
MW-17D	8/14/2014	ND	2.10	ND	ND	2.1	5.3	**0.207**	NA
	9/3/2014	ND	1.3	ND	ND	ND	3.7	ND	**0.829**
	12/11/2014	ND	0.49 J	0.45 J	3.8	4.74 J	1.1	ND	ND
	6/2/2015	ND	0.44 J	ND	ND	0.44 J	0.44 J	ND	**0.229**
	9/2/2015	ND	0.28 J	ND	ND	0.28 J	0.31 J	ND	**0.267**
	12/14/2015	ND	0.43 J	ND	ND	0.43 J	0.51 J	ND	**0.142**
	3/21/2016	ND	0.37 J	ND	ND	0.37 J	0.52 J	ND	ND
	5/31/2016	ND	0.29 J	ND	ND	0.29 J	0.36 J	ND	ND
	9/12/2016	ND	0.34 J	ND	ND	0.34 J	0.37 J	ND	**0.371**
RW-17	3/14/2013	**84.6**	56.7	43.2	318	502.5	**572**	**3.4**	**1.5**
	6/19/2013	**91.7**	182	76.8	833	1183.5	**398**	**5.15**	**2.55**
	9/12/2013	**128**	49.7	92.7	326	596.4	**473**	**3.22**	**1.59**
	12/13/2013	**11.1**	5.8	9.1	33.8	59.8	**68.1**	**0.476**	**0.259**
	3/12/2014	**79.2**	10.1	54	62	205.3	**478**	**2.48**	**3.59**
	6/17/2014	**9.3**	2.5	108	32.9	152.7	15.8	**1**	**0.65**
	9/4/2014	**118**	110	72.4	226	526.4	**346**	**2.67**	**0.958**
	1/5/2015	**10.4**	2.6	17.6	42.7	73.3	**153**	**0.437**	**0.368**
	3/4/2015	ND	ND	ND	ND	ND	ND	ND	**2.61**
	6/3/2015	2.1	0.28 J	16.1	7.5	25.98 J	16.8	**0.247**	**0.26**
	9/4/2015	**40.4**	11.80	13.10	28.80	94.1	**262**	**0.874**	**0.413**
	12/16/2015	ND	ND	ND	ND	ND	6	ND	**0.195**
	3/22/2016	0.36 J	ND	ND	0.3 J	0.66 J	1.50	ND	**0.386**
	6/1/2016	ND	ND	ND	ND	ND	ND	ND	**0.261**
	9/14/2016	0.23 J	ND	ND	0.38 J	0.51 J	**69.30**	**0.125 J**	**0.292**
RW-18	3/14/2013	2.9	1.5	2.9	11.5	18.8	**307**	**1.92**	**0.926**
	6/19/2013	ND	ND	0.37 J	1.1	1.47	14.9	ND	**0.97**
	9/12/2013	**10.1**	0.45 J	6.2	10.7	27.45	**487**	**1.66**	**0.54**
	12/13/2013	**8.5**	5.6	8.1	29.4	51.6	**58.7**	**0.467**	**0.275**
	3/12/2014	**94.6**	70.8	97.2	420	682.6	**331**	**3.54**	**1.37**
	6/17/2014	**43.4**	21.9	30.5	170	265.8	**134**	**1.89**	**0.513**
	9/4/2014	**49.5**	14.9	28.7	159	252.1	**554**	**2.23**	**0.944**
	1/5/2015	**28**	5.2	15	128	176.2	**440**	**1.59**	**0.401**
	3/4/2015	ND	ND	ND	ND	ND	ND	ND	ND
	6/3/2015	**20.8**	5.2	26.2	63.1	115.3	**103**	**0.43**	**0.911**
	9/4/2015	**19.4**	3.90	24.70	64.70	112.7	**149**	**1.090**	**0.333**
	12/16/2015	**23.3**	10.80	33.20	103	170.3	**243**	**0.616**	**3.820**
	3/23/2016	**16.2**	12.6	18.9	79.6	127.3	**103**	**2.24**	**0.154**
	6/1/2016	**22.2**	6.2	23.4	101.0	152.8	**168**	**0.87**	**0.494**
	9/13/2016	**8.8**	1.3	7.7	20.9	38.7	**107**	**0.135 J**	**0.201**
RW-19	3/14/2013	ND	ND	ND	ND	ND	**664**	**4.29**	**1.86**
	6/19/2013	2.4 J	ND	ND	ND	2.4	**2710**	**3.97**	**0.745**
	9/12/2013	**18.2**	5.8 J	37	53.9	114.9	**1370**	**2.9**	**0.447**
	12/13/2013	**20.5**	ND	4.1 J	10.8	35.4	**520**	**1.52**	**0.602**
	3/12/2014	**11.6**	2.90	24.8 J	26.8	66.1	**373**	**1.15**	**0.514**
	6/17/2014	1.1	0.31 J	1.1	3.1	5.61	**60.6**	ND	ND
	9/4/2014	2.4	ND	ND	1.4	3.8	**365**	**0.774**	ND
	1/5/2015	ND	ND	ND	ND	ND	1.8	ND	**0.147**
	3/4/2015	ND	ND	ND	ND	ND	ND	ND	**1.49**
	6/3/2015	ND	ND	ND	ND	ND	2.3	ND	**0.19**
	9/4/2015	0.66	ND	ND	2.10	2.76	**145**	**0.222**	ND

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

Monitoring Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes, total	BTEX	Methyl tert butyl ether (MTBE)	TPH-GRO (C6-C10)	TPH DRO(C10-C28)
		5	1000	700	10000	-	20	0.047	0.047
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
	12/16/2015	ND	ND	ND	ND	ND	**26.4**	ND	**0.237**
	3/23/2016	ND	ND	ND	ND	ND	0.77 J	**0.214**	ND
	6/1/2016	ND	ND	ND	ND	ND	3.60	ND	**0.611**
	9/13/2016	ND	ND	ND	ND	ND	6.70	ND	**0.832**
RW-20	3/14/2013	1.9	ND	2.6	0.25 J	4.75	**28.2**	**0.457**	**0.459**
	6/19/2013	ND	ND	ND	ND	ND	ND	**0.367**	**0.693**
	9/13/2013	0.24 J	ND	2.1	ND	2.34	4.2	ND	ND
	12/13/2013	1.5	3.1	9	5.3	18.9	4.4	**0.276**	**0.15**
	3/12/2014	3.3	ND	81.9	1.2	86.4	4.3	**0.511**	**0.307**
	6/17/2014	**7.9**	0.67 J	144	4.7	157.27	10.3	**1.09**	**0.628**
	9/4/2014	3.1	1	45.9	23	73	**125**	**1.04**	**0.564**
	1/5/2015	1.7	ND	28.2	2.8	32.7	**47.3**	**0.555**	ND
	3/4/2015	**8**	0.99 J	34.4	25.1	68.49 J	**57.7**	**0.5**	**1.11**
	6/3/2015	1.8	ND	17.7	4.4	23.9	18.5	**0.291**	**0.21**
	9/4/2015	0.26 J	ND	3.8	0.62 J	4.68	**27.1**	ND	ND
	12/16/2015	ND	0.18 J	0.7 J	0.21 J	1.09 J	7.8	ND	**0.155**
	3/23/2016	ND	ND	1.1	ND	1.1	2.7	**0.133 J**	**0.0949**
	6/1/2016	0.38 J	ND	0.4 J	1.7	1.7	4	ND	ND
	9/13/2016	0.45 J	ND	12	ND	12.45 J	**24.7**	**0.193 J**	**0.127**

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

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

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
		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
		04/21/2016	2.9	ND (0.044)	ND (0.033)	0.095 J	2.995	**158**	0.21 J	55.1	0.52	0.12 J	4.7
		05/18/2016	0.11 J	ND (0.044)	ND (0.033)	ND (0.029)	0.11 J	**304**	ND<0.084	61.5	ND<0.038	ND<0.025	1.6
		06/24/2016	**5.9**	ND (0.044)	ND (0.033)	0.20 J	6.1 J	**147**	0.33 J	57.1	0.59	0.14 J	4.8
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

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-88-1315	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
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

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
	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
	04/21/2016	2.9	ND (0.044)	ND (0.033)	0.095	2.995	**158**	**0.21 J**	55.1	0.52	0.12 J	4.7
	05/18/2016	0.11 J	ND (0.044)	ND (0.033)	ND (0.029)	0.11 J	**304**	ND (0.084)	61.5	ND (0.038)	ND (0.025)	1.6
	06/24/2016	**5.9**	ND (0.044)	ND (0.033)	0.20 J	6.1 J	**147**	0.33 J	57.1	0.59	0.14 J	4.8
	07/21/2016	4.5	ND (0.044)	ND (0.033)	0.078 J	4.578 J	**213**	0.13 J	70.3	0.56	0.13 J	4.4
	08/25/2016	0.44 J	ND (0.044)	ND (0.033)	ND (0.029)	0.44 J	**257**	ND (0.084)	56.2	ND (0.038)	0.064 J	1.5
	09/15/2016	2.6	ND (0.044)	ND (0.033)	ND (0.029)	2.6	**260**	ND (0.084)	79.7	0.43 J	0.12 J	4
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)

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
	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)
	04/21/2016	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	1.8 J	ND (0.038)	ND (0.025)	ND (0.099)
	05/18/2016	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	3.0 J	ND (0.038)	ND (0.025)	ND (0.099)
	06/24/2016	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	15.1	ND (0.038)	ND (0.025)	ND (0.099)
	07/21/2016	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)
	08/25/2016	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)
	09/15/2016	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)

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)

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
	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)
	04/21/2016	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	0.94 J	ND (0.038)	ND (0.025)	ND (0.099)
	05/18/2016	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)
	06/24/2016	ND (0.057)	ND (0.044)	ND (0.033)	ND (0.029)	ND (0.163)	ND (0.030)	ND (0.084)	1.2 J	ND (0.038)	ND (0.025)	ND (0.099)
	07/21/2016	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)
	08/25/2016	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)
	09/15/2016	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)

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
						04/21/2016	2.9	158
						05/18/2016	0.11	304
						06/24/2016	5.9	147
						07/21/2016	4.5	213
						08/25/2016	0.44 J	257
						09/15/2016	2.6	260
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
						9/14/2016	ND	0.26 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-88-1147	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
						9/14/2016	ND	0.25 J
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
						9/14/2016	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
						9/14/2016	ND	0.20 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
						9/14/2016	ND	0.21 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
						9/14/2016	ND	0.37 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-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
						9/14/2016	ND	0.20 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
						9/14/2016	ND	0.56
-	2401 A E. Churchville Rd	-	-	-	-	9/2/2014	ND	ND
						9/4/2015	ND	ND
						9/30/2016	ND	ND
-	2401 E. Churchville Rd	-	-	-	-	9/2/2014	ND	0.087 J
						9/4/2015	ND	ND
						9/14/2016	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					DATE	BAG FILTERS				LGACs			SVE SYSTEM								
	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		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]	PID Reading	Hydrocarbon Discharge Rate[5]	Cumulative Hydrocarbon Recovery[6]
	(days)	(days)	(days)	(RW wells)	(hours)	(hours)	(hours)	(hours)	gallons	(gallons)	(gpm)	(GPD)	(gallons)		(psi)	(psi)	(psi)	(psi)	(psi)	(psi)	(psi)	("Hg)	("Hg)	(i.w.)	(i.w.)	°F	(scfm)	(ppm-v)	(lbs/day)	(pounds)
11/20/2012	-	-	-	10,12,17	4	3	6	4.8	148	158.0	-	-	158	11/20/2012	8	10	8	8	-	-	-	4.3	3.5	0.0	0.8	77	88	27	1.9	0.0
11/21/2012	1	0.3	0.7	10,12,17	20	11	14	12	4,528	4,805	9.68	13,941	4,805	11/21/2012	12	14	12	12	-	-	-	2.5	3.5	0.0	0.8	90	87	98	6.9	4.6
11/26/2012	5	5.1	5.1	10,12,17,19	142	133	128	104	43,661	45,027	5.51	7,932	45,027	11/26/2012	25	31	25	30	-	-	-	4.5	5.0	0.0	2.4	95	178	98	7.0	39.9
11/27/2012	1	0.6	0.9	10,12,17	164	146	142	116	47,720	51,290	7.79	11,217	51,290	11/27/2012	32	30	31	30	28	-	-	3.8	2.8	0.0	0.3	86	47	-	-	39.9
12/3/2012	6	5.8	5.8	10,12,17,19	303	286	257	199	82,389	86,750	4.22	6,079	86,750	12/3/2012	65/28	66/29	34/28	29/28	12/24	10	4	3.5	2.5	0.0	0.6	90	63	64.5	5.0	68.7
12/4/2012	1	0.6	0.6	10,12,17	317	300	271	210	87,349	91,995	6.33	9,121	91,995	12/4/2012	60/28	61/30	14/28	15/28	12.5/25	5.5/10	3/4	-	-	-	-	-	-	-	-	68.7
12/10/2012	6	5.0	5.9	10,12,17	459	419	372	285	117,120	122,737	4.31	6,211	122,737	12/10/2012	40	40	40	40	36	10	5	-	-	-	-	-	-	58	4.4	94.6
12/19/2012	9	8.9	8.9	10,12,17	672	632	506	388	160,883	167,707	3.53	5,077	167,707	12/19/2012	50	35	50	35	30	5	1	0.5	0.0	0.0	0.0	-	-	25.9	1.9	111.1
12/31/2012	9	1.6	1.6	10,12,17	711	670	555	408	168,680	175,532	3.40	4,891	175,532	12/31/2012	40	40	40	40	38	10	4	2.5	0.0	0.9	0.0	-	-	-	-	111.1
1/9/2013	9	8.9	8.9	10,12,17,19	925	885	720	528	214,347	221,830	3.59	5,175	221,830	1/9/2013	40	40	40	40	39	9	2	0.5	0.0	0.0	0.0	-	-	4.1	-	111.1
2/27/2013	49	12.3	19.2	10,12,17	1386	1,179	974	720	292,215	302,055	4.54	6,540	302,055	2/27/2013	11	10	10	10	20	9	1	2.5	0.8	-	-	75	-	14.4	1.0	131.0
3/11/2013	12	3.6	10.9	10,12,17	1646	1,264	1055	789	293,509	327,535	4.98	7,177	327,535	3/11/2013	20	11	19	11	19	11	5	1.0	1.0	24.0	1.0	70	53	-	-	131.0
3/27/2013	14	0.8	10.1	10,12,17	1889	1,284	1075	805	299,033	334,723	6.08	8,757	334,723	3/27/2013	8	0	32	30	26	10	2	2.0	1.0	0.0	1.0	78	52	-	-	131.0
4/18/2013	22	7.5	13.8	10,12,17	2220	1,464	1236	929	348,783	392,319	5.34	7,697	392,319	4/18/2013	34	34	N/A	N/A	30	6	1	2.0	1.5	-	-	82	-	-	-	131.0
4/19/2013	1	0.05	1.0	10,12,17	2245	1,465	1237	930	349,074	392,723	6.12	8,815	392,723	4/19/2013	0	0	36	32	28	5	0	2.0	1.0	0.0	1.5	98	63	25.5	1.8	132.8
4/22/2013	3	0.2	0.4	10,12,17	2255	1,470	1242	934	350,768	394,714	6.64	9,557	394,714	4/22/2013	0	0	34	34	32	5	1	2.5	1.5	-	1.0	93	63	-	-	132.8
4/25/2013	3	0.4	3.0	10,12,17	2327	1,479	1246	942	353,752	398,310	6.51	9,381	398,310	4/25/2013	0	0	32.0	32.0	33.0	5	1	2.5	0.2	-	2.0	95	33	-	-	132.8
4/29/2013	4	-	-	10,12,17	-	-	-	-	358,183	403,665	-	-	403,665	4/29/2013	27	27	34.0	34.0	25.0	4	1	-	-	-	-	-	-	-	-	132.8
5/17/2013	18	0.7	12.3	10,12,17	2621	1,496	1271	960	359,622	405,390	6.78	9,766	405,390	5/17/2013	0	0	32	32	26	4	0	2.0	-	0.0	0.9	-	-	10.2	0.7	141.6
5/21/2013	4	0.5	3.9	10,12,17	2715	1,508	1282	970	363,296	409,918	6.74	9,703	409,918	5/21/2013	0	0	12	12	Bypass	6	2	2.0	2.0	0.0	1.1	74	78	-	-	141.6
5/23/2013	2	1.7	1.9	10,12,17	2760	1,549	1328	1,007	376,540	426,308	6.60	9,501	426,308	5/23/2013	0	0	20	28	Bypass	15	1	2.0	2.0	0.0	1.9	104	100	-	-	141.6
5/31/2013	8	0.4	0.5	10,12,17	2771	1,559	1333	1,015	379,657	430,256	6.65	9,571	430,256	5/31/2013	0	0	24	22	Bypass	16	0	2.0	2.0	0.0	1.8	-	-	-	-	141.6
6/4/2013	4	0.02	2.7	10,12,17	2836	1,559	1334	1,016	379,943	430,667	17.12	24,660	430,667	6/4/2013	0	0	20	20	Bypass	16	1	1.5	1.0	1.3	0.1	108	16	-	-	141.6
6/11/2013	7	1.5	2.4	10,12,17	2893	1,596	1370	1,049	391,281	445,050	6.57	9,457	445,050	6/11/2013	0	0	22	22	Bypass	20	0	1.5	1.0	1.2	0.1	100	16	-	-	141.6
6/19/2013	8	0.6	1.9	10,12,17	2939	1,610	1384	1,060	395,771	450,962	7.04	10,135	450,962	6/19/2013	0	0	22	22	Bypass	20	0	1.5	1.0	1.2	0.1	93	16	-	-	141.6
6/25/2013	6	0.02	0.0	10,12,17	2939	1,610	1384	1,060	395,803	450,998	1.50	2,160	450,998	6/25/2013	0	0	22	22	Bypass	20	0	1.5	1.0	1.3	0.1	100	16	-	-	141.6
6/26/2013	1	0.4	0.3	10,12,17	2948	1,619	1388	1,064	396,877	451,964	1.87	2,696	451,964	6/26/2013	0	0	22	22	Bypass	20	0	1.5	1.0	1.3	0.1	104	16	-	-	141.6
6/28/2013	2	1.1	2.0	10,12,17	2996	1,646	1421	1,092	407,221	465,808	8.39	12,082	465,808	6/28/2013	0	0	29	28	Bypass	24	0	3.0	2.0	0.0	1.5	-	-	1.1	0.1	141.8
7/2/2013	4	0.1	3.0	10,12,17	3069	1,648	1424	1,094	407,996	466,750	7.48	10,766	466,750	7/2/2013	0	0	29	29	Bypass	23	0	1.5	1.0	0.0	1.5	106	62	-	-	141.8
7/11/2013	9	8.9	1.0	10,12,17	3093	1,862	1566	1,141	421,161	483,837	1.33	1,918	483,837	7/11/2013	-	-	22	22	Bypass	21	0	1.5	0.5	1.5	0.0	104	0	2.1	-	141.8
7/23/2013	12	6.5	5.3	10,12,17	3219	2,017	1672	1,180	434,876	502,148	1.97	2,835	502,148	7/23/2013	-	-	33	33	Bypass	33	0	1.0	2.0	0.0	1.5	109	88	-	-	141.8
8/14/2013	22	21.0	13.9	17,18,19	3552	2,521	2073	1,310	487,531	535,718	1.74	2,508	535,718	8/14/2013	-	-	18	18	Bypass	13	1	1.0	2.5	0.0	0.0	99	0	10.8	-	141.8
8/28/2013	14	14.0	14.0	17,18,19	3888	2,856	2409	1,425	535,915	575,370	2.41	3,463	575,370	8/28/2013	-	-	-	-	Bypass	18	1	2.5	1.5	0.0	0.0	104	0	18.6	-	141.8
9/11/2013	14	12.1	14.0	17,18,19	4224	3,146	2701	1,525	577,986	625,028	2.85	4,108	625,028	9/11/2013	-	-	-	-	17	Bypass	16	2.0	1.0	0.0	0.1	111	16	19.2	-	141.8
9/25/2013	14	14.0	14.2	17,18,19	4565	3,483	3040	1,721	652,228	714,857	4.44	6,395	714,857	9/25/2013	-	-	-	-	20	Bypass	11	2.0	3.0	0.0	0.5	104	63	9.3	0.7	151.0
10/9/2013	14	8.1	13.8	17,18,19	4897	3,677	3432	1,853	670,816	775,634	5.22	7,523	775,634	10/9/2013	40	40	40	40	38	Bypass	22	2.5	3.0	0.0	0.0	97	0	13.2	0.9	163.8
10/23/2013	14	3.4	14.0	17,18,19	5232	3,759	3316	1,907	688,622	794,222	3.81	5,487	794,222	10/23/2013	35	39	35	39	35	Bypass	19	3.5	2.5	0.0	0.0	95	0	16.1	1.1	179.6
11/6/2013	14	7.6	13.1	17,18,19	5546	3,942	3498	2,034	699,060	836,098	3.81	5,492	836,098	11/6/2013	22	22	22	22	18	Bypass	18	3.5	2.5	0.0	0.0	97	0	17.1	1.2	195.3
11/21/2013	15	5.3	14.6	17,18,19	5897	4,069	3626	2,139	724,734	12,799	2.96	4,266	848,897	11/21/2013	28	28	28	28	25	Bypass	23	3.0	2.5	0.0	0.0	95	0	16.3	1.1	212.0
12/13/2013	22	0.9	20.2	17,18,19	6382	4,091	3649	2,160	729,402	17,076	3.24	4,666	853,174	12/13/2013	45	40	45	40	40	Bypass	35	2.5	2.0	0.1	0.0	84	0	16.3	1.1	235.1
12/18/2013	5	0.2	5.0	17,18,19	6502	4,096	3654	2,163	730,364	18,486	4.61	6,634	854,584	12/18/2013	40	45	40	45	40	Bypass	34	3.0	2.5	0.0	0.3	88	45	25.3	1.8	244.0
3/12/2014	84	5.4	72.5	17,18,19	8242	4,225	3779	2,195	751,770	39,370	2.69	3,880	875,468	3/12/2014	10	15	10	15	Bypass	9	3	4.5	3.5	0.1	0.1	90	31	6.4	0.4	276.5
3/25/2014	13	5.0	12.8	17,18,19	8549	4,345	3899	2,243	782,764	70,731	4.36	6,277	906,829	3/25/2014	-	-	-	-	Bypass	10	2	2.0	2.5	0.1	0.7	90	68	0.1	0.01	276.6
4/9/2014	15	5.0	6	17,18,19	8684	4,465	4019	2,301	813,122	101,758	4.32	6,226	937,856	4/9/2014	22	22	28	25	22	2	Bypass	4.0	3.0	0.0	1.0	95	89	1.4	NA	276.6
4/21/2014	12	0.9	10.7	17,18,19	8941	4,486	4040	2,310	818,274	102,003	0.20	284	938,101	4/21/2014	25	25	28	28	23	4	Bypass	4.0	2.0	0.0	1.5	NA	-	0	NA	276.6
5/29/2014	38	4.5	7.8	17,18,19	9128	4,593	4147	2,569	844,476	133,963	4.95	7,122	970,061	5/29/2014	15	14	15	14	5	4	Bypass	4.0	3.0	0.0	0.9	NA	-	0	NA	276.6
6/12/2014	14	3.5	4.1	17,18,19	9227	4,678	4237	2,436	870,916	163,037	5.72	8,238	999,135	6/12/2014	27	29	29	29	19	18	Bypass	4.0	2.0	0.0	1.5	NA	-	0	NA	276.6
6/25/2014	13	7.3	1.8	18,19	9270	4,853	4331	2,474	887,336	193,350	2.89	4,155	1,029,448	6/25/2014	21	22	24	24	16	Bypass	5	4.0	3.5	0.0	0.9	NA	-	0	NA	276.6
7/8/2014	13	12.6	12.6	18, 19	9572	5,155	4551	2,549	-	266,522	4.04	5,813	1,102,620	7/8/2014	30	28	32	28	17	Bypass	5	8.0	7.0	0.0	0.2	-	-	0.9	-	276.6
7/17/2014	9	6.9	1.0	10, 18, 20	9597	5,322	4773	2,638	-	-	-	-	-	7/17/2014	33	18	39	18	10	Bypass	10	6.8	0.5	0.0	2.5	-	-	-	-	276.6
7/23/2014	6	4.9	5.7	12, 18, 20	9734	5,440	4916	2,684	-	369,105	6.00	8,645	1,205,203	7/23/2014	25	22	29	25	Bypass	12	7	1.5	0.0	0.0	3.0	-	-	-	-	276.6
8/15/2014	23	19.8	12.2	12, 18, 20	10026	5,916	5468	2,801	-	457,255	3.08	4,442	1,293,353	8/15/2014	30	25	30	25	Bypass	12	4	2.5	0.5	0.0	2.5	-	-	0.0	-	276.6
8/29/2014	14	6.2	6.1	12, 18, 20	10173	6,064	5800	2,843	-	497,389	4.52	6,504	1,333,487	8/29/2014	30	25	30	25	Bypass	10	4	2.5	0.5	0.0	2.5	-	-	-	-	276.6
9/23/2014	25	22.2	18.8	12, 18, 20	10624	6,597	6401	3,096	0	610,534	3.54	5,097	1,446,632	9/23/2014	25	25	25	25	Bypass	10	10	2.5	0.5	0.0	2.5	86	58	0.0	-	276.6
10/10/2014	17	8.9	4.1	12, 18, 20	10722	6,810	6808	3,269	20,326	651,682	3.22	4,636	1,487,780	10/10/2014	35	20	28	20	8	4	Bypass	0.5	0.8	0.0	2.5	85	74	13.2	0.93	280.4
10/28/2014	18	18.0	0.3	12, 18, 20	10729	7,243	7241	3,346	20,347	705,911	2.09	3,007	1,542,009	10/28/2014	29	25	25	23	10	Bypass	8	4.0	3.0	0.0	2.3	100	135	-	-	280.4
11/12/2014	15	15.0	3.5	10, 12, 17	10813	7,602	7601	3,372	20,347	729,214	1.08	1,559	1,565,312	11/12/2014	28	25	28	25	Bypass	-	-	1.2	0.0	0.0	0.2	85	0	-	-	280.4
11/19/2014	7	6.9	6.9	10, 18,19, 20	10979	7,768	7768	3,397	-	753,351	2.42	3,492	1,589,449	11/19/2014	30	26	30	26	15	NA	Bypass	3.0	1.0	0.0	0.5	75	37	0.2	0.01	280.5
11/25/2014	6	6.1	6.1	10, 18,19, 20	11126	7,914	7915	3,450	-	783,619	3.44	4,952	1,619,717	11/25/2014	40	20	42	20	11	10	Bypass	2.0	1.0	0.0	0.1	-	-	-	-	280.5
12/11/2014	16	5.6	16.0	10, 18,19, 20	11511	8,048	8302	3,497	-	814,797	3.87	5,580	1,650,895	12/11/2014	45	26	41	25	13	10	Bypass	2.5	1.0	0.0	0.6	-	-	0.0	-	280.5

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

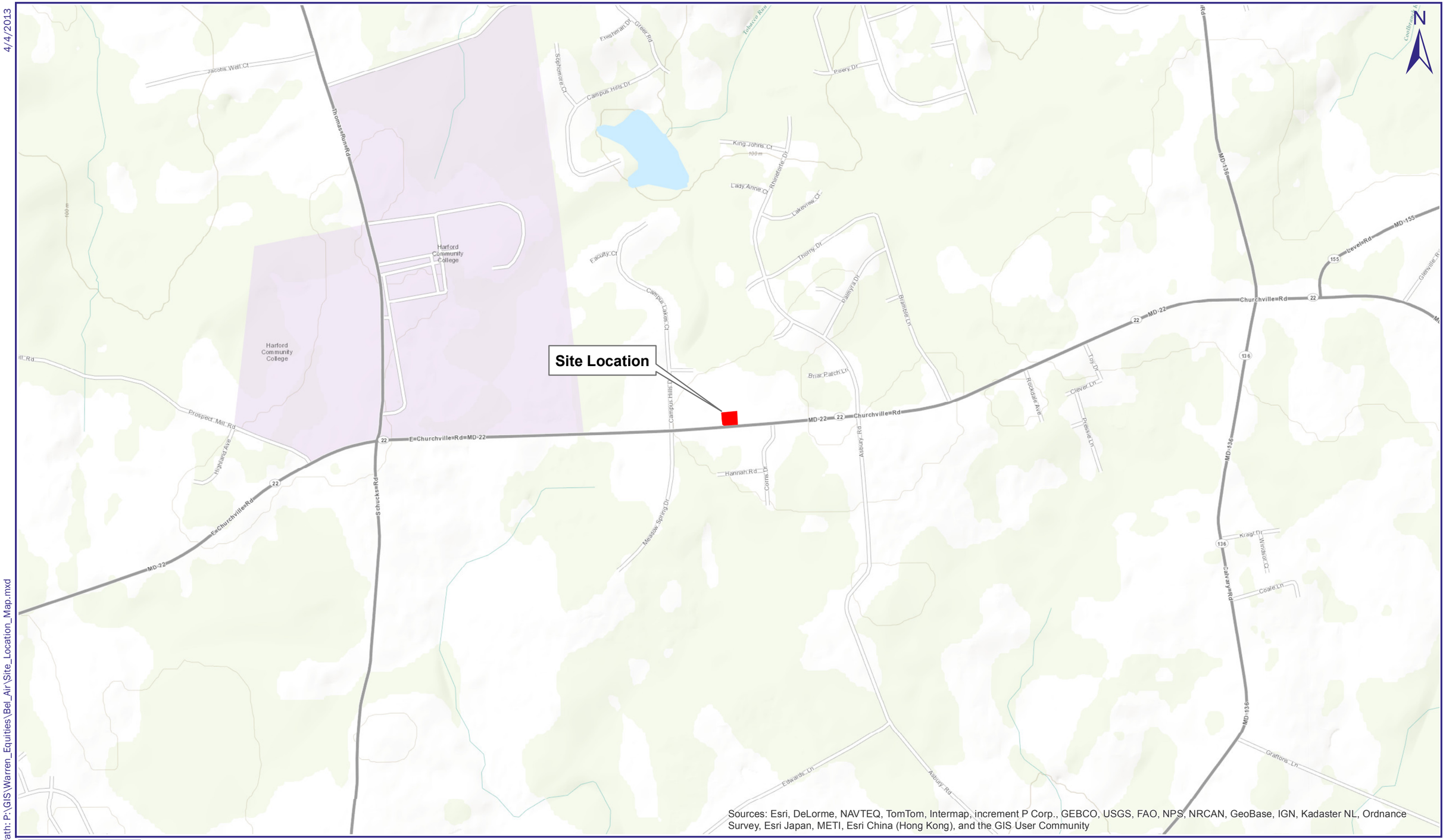
DATE	SYSTEM OPERATION				HOUR METERS				WATER RECOVERY					DATE	BAG FILTERS				LGACs			SVE SYSTEM								
	Period	P&T Operating Days[1]	SVE Operating Days[2]	Operating P&T Wells	SVE Blower	Air Solonoid Valve	AS Blower	EQ Tank Pump	Influent Totalizer[3]	Effluent Totalizer	Average Flow Rate	Average Daily Rate	Cumulative Flow		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]	PID Reading	Hydrocarbon Discharge Rate[5]	Cumulative Hydrocarbon Recovery[6]
	(days)	(days)	(days)	(RW wells)	(hours)	(hours)	(hours)	(hours)	gallons	(gallons)	(gpm)	(GPD)	(gallons)		(psi)	(psi)	(psi)	(psi)	(psi)	(psi)	(psi)	("Hg)	("Hg)	(i.w.)	(i.w.)	°F	(scfm)	(ppm-v)	(lbs/day)	(pounds)
12/29/2014	**18**	**14.8**	**12.5**	10, 18,19, 20	11812	8,405	8735	3,607	-	886,571	**3.36**	4,837	1,722,669	12/29/2014	30	22	29	22	10	2	Bypass	4.0	3.0	0.0	0.5	-	-	0.0	-	280.5
1/6/2015	**8**	**5.4**	**5.5**	10, 18,19, 20	11,944	8,535	8,924	3,670	-	915348	**3.67**	5288	1751446	1/6/2015	24	22	22	22	10	4	Bypass	3.5	3.0	0.0	0.5	-	-	0.0	-	280.5
1/29/2015	**23**	**18**	**7**	10, 18,19, 20	12,124	8,967	9,699	3,933	-	978463	**2.43**	3506	1814561	1/29/2015	-	-	-	-	-	-	Bypass	-	-	-	-	-	-	-	-	280.5
2/11/2015	**13**	**2**	**0**	10, 20	12,124	9,010	9,785	3,378	21263	985476	**2.74**	3951	1821574	2/11/2015	-	-	-	-	-	-	Bypass	-	-	-	-	-	-	-	-	280.5
2/25/2015	**14**	**0**	**0**	10, 20	12,124	9,010	9,785	3,378	21263	985476	0	0	1821574	2/25/2015	-	-	-	-	-	-	Bypass	-	-	-	-	-	-	-	-	280.5
3/25/2015	**28**	**0**	**0**	10, 20	12,124	9,010	9,785	3,378	21263	985476	0	0	1821574	3/25/2015	-	-	-	-	-	-	Bypass	-	-	-	-	-	-	-	-	280.5
3/31/2015	**6**	**1.1**	**0**	10,17,18	12,124	9,037	10,938	3,796	-	996,583	**6.76**	9,729	1,832,681	3/31/2015	28	27	28	27	18	12	Bypass	-	-	-	-	-	-	-	-	280.5
4/7/2015	**7**	**4**	**0**	10, 17, 18	12,124	9,124	11,103	3,827	25,532	100,852	**0.82**	1,179	1,836,950	4/7/2015	27	26	27	26	16	12	Bypass	-	-	-	-	-	-	-	-	280.5
4/27/2015	**20**	**14**	**0**	10, 17, 18	12,124	9,471	11,588	3,911	48,037	105,312	**1.08**	1,556	1,859,455	4/27/2015	25	25	25	25	15	12	Bypass	-	-	-	-	-	-	-	-	280.5
5/5/2015	**8**	**1**	**0**	10, 17, 18	12,124	9,494	11,781	3,914	50,094	105,804	**1.51**	2,175	1,861,512	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	**13**	**13**	**0.4**	10, 17, 18	12,132	9,832	12,119	3,948	78,530	108,491	**1.52**	2,187	1,889,948	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	**16**	**14**	**13**	10, 18, 20	12,453	10,158	12,479	4,104	118,620	113,203	**2.05**	2,949	1,930,038	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	**22**	**5.5**	**14**	10, 18, 19, 20	12,798	10,289	13,000	4,152	151,223	116,806	**4.14**	5,969	1,962,641	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	**13**	**6**	**6**	10, 18, 19, 20	12,935	10,425	11,103	4,208	190,027	157,172	**4.76**	6,848	2,001,445	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	**9**	**7**	**9**	10, 17, 18	13,150	10,593	11,588	4,280	231,497	196,858	**4.12**	5,931	2,042,915	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	**13**	**13**	**13**	10, 18, 20	13,462	10,906	11,588	4,353	269,302	234,920	**2.01**	2,897	2,080,720	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	**14**	**12**	**0**	10, 18, 20	13,462	11,196	11,781	4,463	314,115	279,733	**2.58**	3,716	2,125,533	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	**14**	**13**	**0.0**	10, 18, 20	13,462	11,533	12,119	4,552	366,145	331,651	**2.78**	4,002	2,177,563	8/27/2015	35	34	35	34	Bypass	11	28									281.1
9/11/2015	**15**	**14**	**0**	10, 18, 20	13,462	11,867	12,479	4,683	409,691	377,024	**2.17**	3,128	2,221,109	9/11/2015	36	34	36	34	Bypass	9	21	-	-	-	-	-	-	-	-	281.1
9/29/2015	**18**	**13.6**	**0**	10, 18, 20	13,462	12,194	13,000	4,750	446,522	415,062	**1.88**	2,702	2,257,940	9/29/2015	35	34	35	34	Bypass	10	25	-	-	-	-	-	-	-	-	281.1
10/14/2015	**15**	**15**	**0**	10, 18, 20	13,462	12,556	15,665	4,833	483,789	461,892	**1.72**	2,476	2,304,770	10/14/2015	34	32	34	32	Bypass	8	22	-	-	-	-	-	-	-	-	281.1
10/23/2015	**9**	**6**	**0**	10, 18, 20	13,462	12,699	15,888	4,864	497,783	479,862	**2.08**	2,999	2,322,740	10/23/2015	33	31	33	31	24	12	Bypass	-	-	-	-	-	-	-	-	281.1
11/5/2015	**13**	**13**	**0**	10, 12, 18	13,462	13,006	16,195	4,889	Replacement Flow Meter To Be Installed	506,072	**1.42**	2,051	2,348,950	11/5/2015	34	33	34	33	15	9	Bypass	-	-	-	-	-	-	-	-	281.1
11/24/2015	**19**	**19**	**0**	10, 12, 18	13,462	13,461	16,655	4,925		541,382	**1.29**	1,865	2,384,260	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	**34**	**29**	**34**	10, 12, 18	14,276	14,159	17,471	4,999		598,622	**1.37**	1,966	2,441,500	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								281.8
1/21/2016	**24**	**24**	**0**	10, 12, 18	14,276	14,731	18,044	5,105	497,796	654,852	**1.64**	2,362	2,497,730	1/21/2016	30	28	30	28	22	14	Bypass	3	1	0	1.6	95	46	-	-	281.8
1/28/2016	**7**	**7**	**7**	10, 12, 18	14,444	14,899	18,213	5,131	505,867	676,652	**2.16**	3,114	2,519,530	1/28/2016	30	29	30	27	(lead)	(lag)	Bypass	2	1	0	1.6	95	65	0.8	0.021	281.9
2/5/2016	**8**	**5**	**8**	10, 12, 18	14,634	15,020	18,405	5,169		698,002	**2.93**	4,214	2,540,880	2/5/2016	30	29	30	29	(lead)	(lag)	Bypass	3	1	0	1.5	80	64	0.2	0.005	282.0
2/19/2016	**14**	**14**	**14**	10, 12, 18	14,969	15,358	18,743	5,213		732,222	**1.69**	2,433	2,575,100	2/19/2016	35	31	34	32	(lead)	(lag)	Bypass	2	2	0	1	75	68	0.0	0.000	282.0
3/7/2016	**17**	**17**	**17**	10, 12, 18	15,373	15,762	19,147	5,303		782,312	**2.07**	2,974	2,625,190	3/7/2016	37	35	35	35	(lead)	(lag)	Bypass	1	2	0	1	81	47	0.1	0.002	282.0
3/23/2016	**16**	**15**	**15**	10, 12, 18	15,734	16,118	19,535	5,442		835,972	**2.51**	3,614	2,678,850	3/23/2016	30	29	30	29	(lead)	(lag)	Bypass	2	2	0	1	80	45	0.2	0.004	282.1
4/8/2016	**16**	**15**	**16**	10, 12, 18	16,111	16,470	19,912	5,625		881,672	**2.16**	3,116	2,724,550	4/8/2016	32	30	32	30	(lead)	(lag)	Bypass	3	1	0	2	80	50	-	-	282.1
4/21/2016	**13**	**10**	**13**	10, 12, 18	16,423	16,705	20,228	5,704		914,092	**2.30**	3,317	2,756,970	4/21/2016	30	30	30	30	(lead)	(lag)	Bypass	2	1	0	2	80	45	0.2	0.004	282.1
5/18/2016	**27**	**17**	**27**	10, 12, 18	17,067	17,114	20,876	5,773	Piping Section and Meter to be Replaced	963,202	**2.00**	2,881	2,806,080	5/18/2016	35	32	35	32	(lead)	(lag)	Bypass	2	1	0	2	85	52	0.2	0.004	282.2
5/27/2016	**9**	**9**	**9**	10, 12, 18	17,282	17,329	21,090	5,838		999,292	**2.80**	4,034	2,842,170	5/27/2016	38	35	40	35	(lead)	(lag)	Bypass	3	1	0	2	80	64	0.2	0.005	282.3
6/7/2016	**11**	**9**	**11**	10, 12, 18	17,541	17,549	21,357	5,941		1,029,992	**2.32**	3,345	2,872,870	6/7/2016	40	40	40	40	(lead)	(lag)	Bypass	2	1	0	2	85	52	0.2	0.004	282.3
6/24/2016	**17**	**17**	**17**	10, 12, 18	17,947	17,955	21,764	6,058		1,041,412	**0.47**	674	2,884,290	6/24/2016	40	40	40	40	(lead)	(lag)	Bypass	2	1	0	2	80	45	0.1	0.002	282.3
7/7/2016	**13**	**10**	**11**	10, 12, 18	18,208	18,207	22,077	6,105		1,084,292	**2.84**	4,094	2,927,170	7/7/2016	40	38	40	38	(lead)	(lag)	Bypass	2	1	0	2	85	64	-	-	282.3
7/21/2016	**14**	**6**	**14**	10, 18, 20	18,540	18,352	22,413	6,153		1,103,252	**2.17**	3,130	2,946,130	7/21/2016	30	27	29	25	Bypass	(lag)	(lead)	1	1	0	2	95	52	0.1	0.002	282.4
7/29/2016	**8**	**7**	**8**	10, 18, 20	18,721	18,518	22,604	6,237		1,166,522	**6.36**	9,153	3,009,400	7/29/2016	27	25	28	25	Bypass	(lag)	(lead)	1	3	0	2	95	109	0.1	0.004	282.4
8/4/2016	**6**	**6**	**6**	10, 18, 20	18,864	18,661	22,747	6,269		1,195,632	**3.40**	4,889	3,038,510	8/4/2016	25	23	28	25	Bypass	(lag)	(lead)	2	2	0	2	90	104	0.1	0.004	282.4
8/25/2016	**21**	**21**	**17**	10, 18, 20	19,278	19,166	23,253	6,337		1,206,802	**0.37**	531	3,049,680	8/25/2016	30	27	28	25	Bypass	(lag)	(lead)	3	2	0	2	80	102	0.1	0.004	282.5
9/30/2016	**36**	**35**	**34**	12, 18, 19	20,103	19,999	24,115	6,494	509,815	1,232,732	**0.52**	747	3,075,610	9/30/2016	35	35	37	35	Bypass	(lag)	(lead)	3	2	0	3	70	102	0.1	0.004	282.6
Total/Average (3Q 2016)	**98**	**85**	**90**		**2,156**	**2,044**	**2,351**	**436**	**3,948**	**191,320**	**1.56**	**2,247**	**3,075,610**	**Total/Average (3Q 2016)**												**85.8**	**88.7**	**0.1**	**0.004**	**282.6**

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* √((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

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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

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

0 50 100
Feet

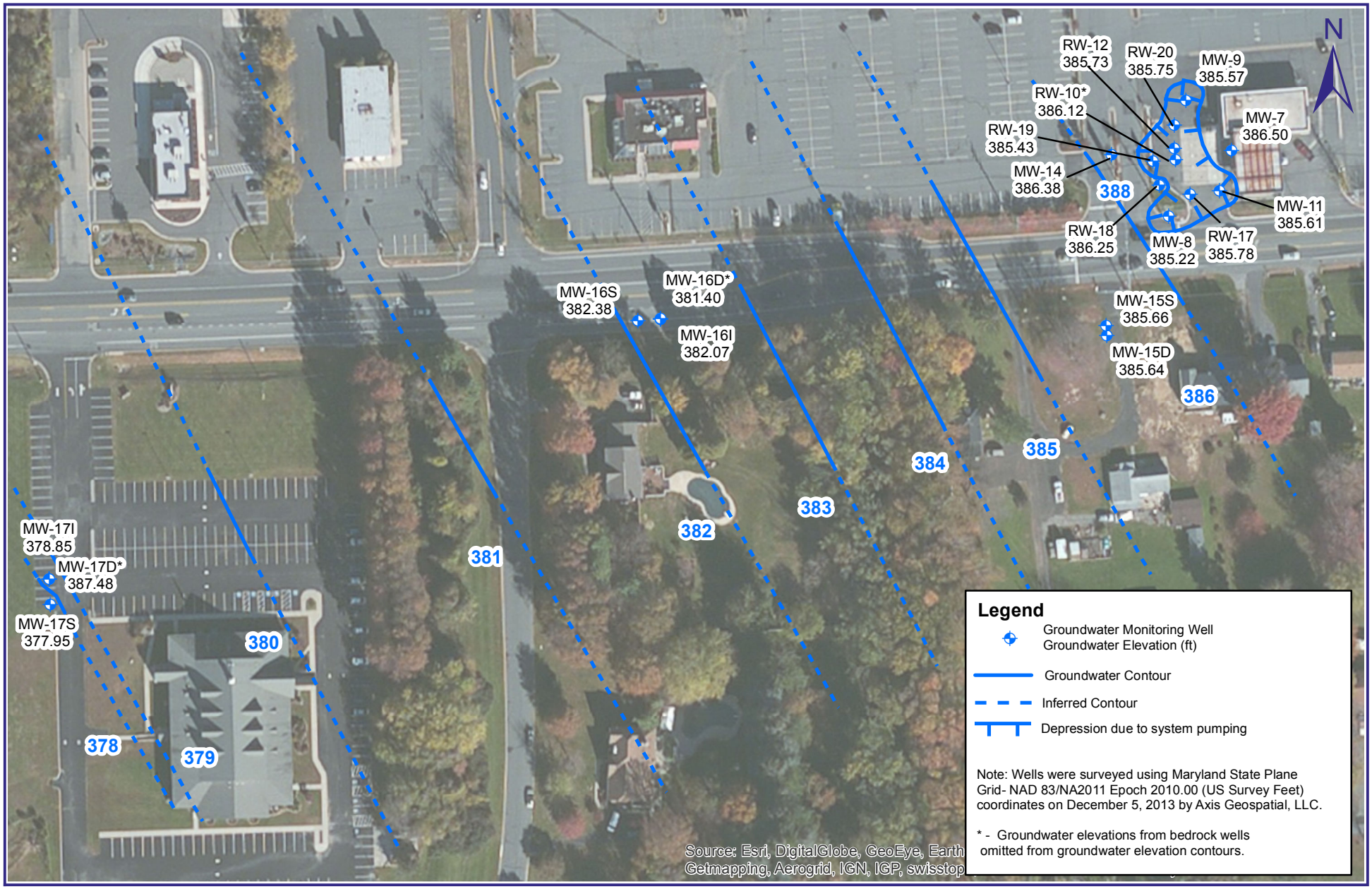

Figure 4
Groundwater Contour Map, September 12, 2016
Bel Air Xtra Fuels
2476 Churchville Rd, Bel Air, Maryland

Source Citation

0 60 120
Feet

10/3/2016

Author: SDoliber Path: C:\Users\sdoliber\Desktop\GIS\BelAir\Bel_Air_GWE_2016_09.mxd

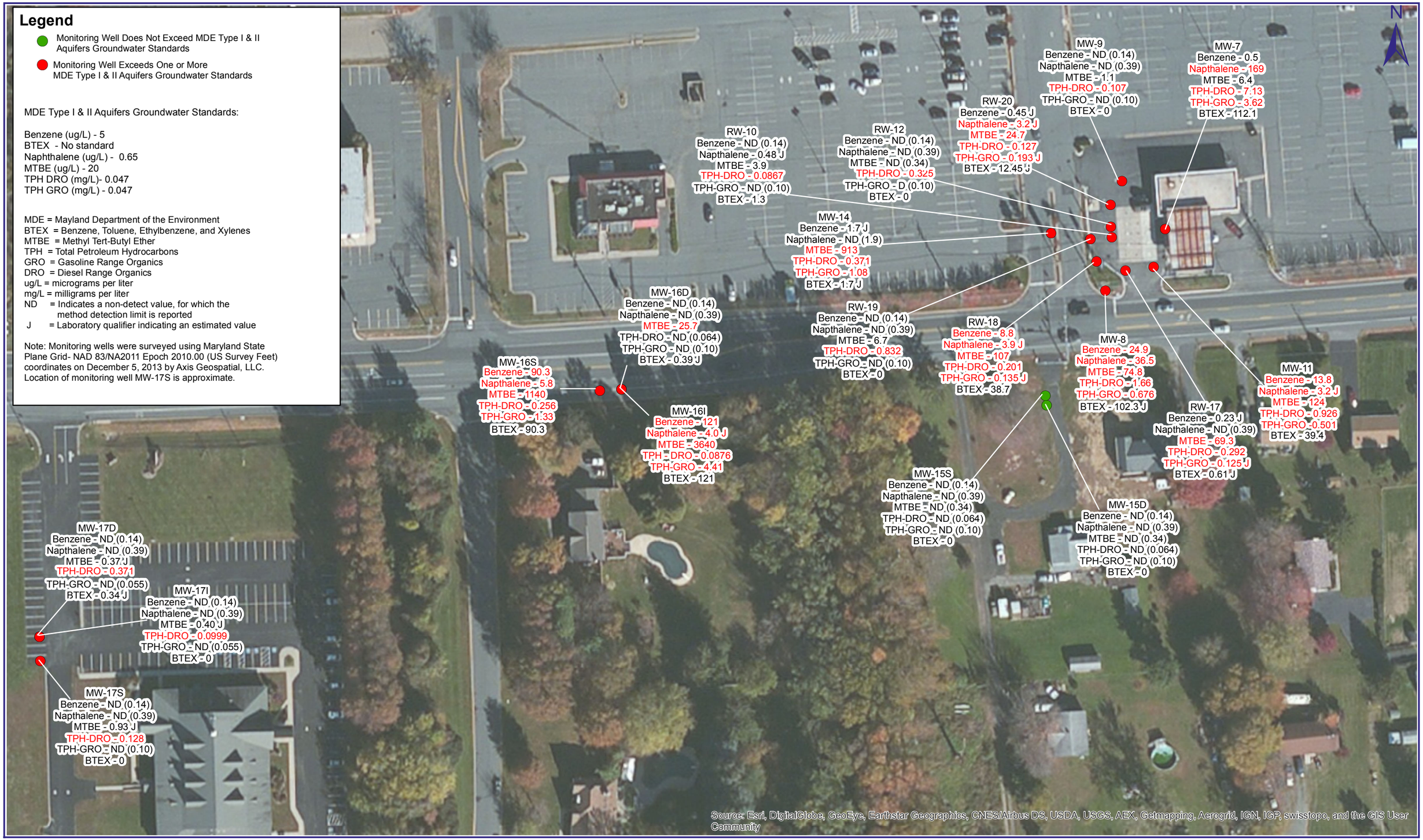

Figure 5
Groundwater Results, September 12-14, 2016
Bel Air Xtra Fuels
2476 Churchville Rd, Bel Air, Maryland

9/26/2016
Author: SDoliber Path: C:\Users\sdoliber\Desktop\GIS\BelAir\Bel_Air_Lit_GW_results_Sept2016.mxd

Figure 6 - Potable Drinking Water Results Map, September 14 and 30, 2016
Bel Air Xtra Fuels
2476 Churchville Road, Bel Air, Maryland

0 80 160
Feet

10/11/2016

Author: SDoliber Path: C:\Users\sdoliber\Desktop\GIS\BelAir\Bel_Air_Potable_Well_Results_09_2016.mxd

Appendix A: Full Laboratory Analytical Reports

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: JC23600

Sampling Date: 07/07/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

ATTN: Eric Harvey

Total number of pages in report: 25

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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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC23600

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
JC23600-1	07/07/16	13:10	EM	07/07/16	AQ	Effluent	SYS-EFF-20160707
JC23600-2	07/07/16	13:15	EM	07/07/16	AQ	Influent	SYS-INF-20160707
JC23600-3	07/07/16	13:20	EM	07/07/16	AQ	Field Blank Water	FB-20160707
JC23600-4	07/07/16	13:20	EM	07/07/16	AQ	Trip Blank Water	TRIP BLANK

2

Summary of Hits

Job Number: JC23600
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 07/07/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC23600-1	**SYS-EFF-20160707**					
Methyl Tert Butyl Ether		164	1.0	0.34	ug/l	SW846 8260C
Tert Butyl Alcohol		7.5 J	10	3.0	ug/l	SW846 8260C
tert-Amyl Methyl Ether		0.44 J	2.0	0.23	ug/l	SW846 8260C
TPH-GRO (C6-C10)		0.183 J	0.20	0.10	mg/l	SW846 8015C
JC23600-2	**SYS-INF-20160707**					
Benzene		26.5	0.50	0.14	ug/l	SW846 8260C
n-Butylbenzene		1.1 J	2.0	0.28	ug/l	SW846 8260C
sec-Butylbenzene		1.4 J	2.0	1.0	ug/l	SW846 8260C
Di-Isopropyl ether		1.8 J	2.0	0.41	ug/l	SW846 8260C
Ethylbenzene		35.8	1.0	0.20	ug/l	SW846 8260C
Isopropylbenzene		3.7	1.0	0.16	ug/l	SW846 8260C
Methyl Tert Butyl Ether		145	1.0	0.34	ug/l	SW846 8260C
Naphthalene		12.6	5.0	0.39	ug/l	SW846 8260C
n-Propylbenzene		8.3	2.0	0.17	ug/l	SW846 8260C
Tert Butyl Alcohol		471	10	3.0	ug/l	SW846 8260C
tert-Amyl Methyl Ether		6.4	2.0	0.23	ug/l	SW846 8260C
Toluene		8.1	1.0	0.23	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		70.8	2.0	0.26	ug/l	SW846 8260C
1,3,5-Trimethylbenzene		19.1	2.0	0.32	ug/l	SW846 8260C
m,p-Xylene		91.4	1.0	0.42	ug/l	SW846 8260C
o-Xylene		52.1	1.0	0.21	ug/l	SW846 8260C
Xylene (total)		144	1.0	0.21	ug/l	SW846 8260C
TPH-GRO (C6-C10)		0.799	0.20	0.10	mg/l	SW846 8015C
TPH-DRO (C10-C28)		0.355	0.076	0.058	mg/l	SW846 8015C
JC23600-3	**FB-20160707**					
No hits reported in this sample.						
JC23600-4	**TRIP BLANK**					
No hits reported in this sample.						

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SYS-EFF-20160707		
Lab Sample ID:	JC23600-1	**Date Sampled:**	07/07/16
Matrix:	AQ - Effluent	**Date Received:**	07/07/16
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	2D157630.D	1	07/11/16	AM	n/a	n/a	V2D6608
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	3.8	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	SYS-EFF-20160707		
Lab Sample ID:	JC23600-1	**Date Sampled:**	07/07/16
Matrix:	AQ - Effluent	**Date Received:**	07/07/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	164	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.35	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	7.5	10	3.0	ug/l	J
994-05-8	tert-Amyl Methyl Ether	0.44	2.0	0.23	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		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-EFF-20160707		
Lab Sample ID:	JC23600-1	**Date Sampled:**	07/07/16
Matrix:	AQ - Effluent	**Date Received:**	07/07/16
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	101%		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-20160707		
Lab Sample ID:	JC23600-1	**Date Sampled:**	07/07/16
Matrix:	AQ - Effluent	**Date Received:**	07/07/16
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	UV132234.D	1	07/08/16	NA	n/a	n/a	GUV5315
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.183	0.20	0.10	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	89%		55-130%

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-20160707		
Lab Sample ID:	JC23600-1	**Date Sampled:**	07/07/16
Matrix:	AQ - Effluent	**Date Received:**	07/07/16
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	7Y18680.D	1	07/12/16	TL	07/11/16	OP95447	G7Y741
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	100%		36-144%
16416-32-3	Tetracosane-d50	93%		32-138%
438-22-2	5a-Androstane	102%		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-20160707		
Lab Sample ID:	JC23600-2	**Date Sampled:**	07/07/16
Matrix:	AQ - Influent	**Date Received:**	07/07/16
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	2D157631.D	1	07/11/16	AM	n/a	n/a	V2D6608
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	3.8	ug/l	
71-43-2	Benzene	26.5	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	1.1	2.0	0.28	ug/l	J
135-98-8	sec-Butylbenzene	1.4	2.0	1.0	ug/l	J
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	1.8	2.0	0.41	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	SYS-INF-20160707		
Lab Sample ID:	JC23600-2	**Date Sampled:**	07/07/16
Matrix:	AQ - Influent	**Date Received:**	07/07/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	35.8	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	3.7	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	145	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.35	ug/l	
91-20-3	Naphthalene	12.6	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	8.3	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	471	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	6.4	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	8.1	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	70.8	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	19.1	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	91.4	1.0	0.42	ug/l	
95-47-6	o-Xylene	52.1	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	144	1.0	0.21	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 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-20160707		
Lab Sample ID:	JC23600-2	**Date Sampled:**	07/07/16
Matrix:	AQ - Influent	**Date Received:**	07/07/16
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	100%		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-20160707		
Lab Sample ID:	JC23600-2	**Date Sampled:**	07/07/16
Matrix:	AQ - Influent	**Date Received:**	07/07/16
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	UV132235.D	1	07/08/16	NA	n/a	n/a	GUV5315
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.799	0.20	0.10	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
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-20160707		
Lab Sample ID:	JC23600-2	**Date Sampled:**	07/07/16
Matrix:	AQ - Influent	**Date Received:**	07/07/16
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	7Y18683.D	1	07/12/16	TL	07/11/16	OP95447	G7Y741
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)	0.355	0.076	0.058	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	96%		36-144%
16416-32-3	Tetracosane-d50	82%		32-138%
438-22-2	5a-Androstane	88%		31-136%

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-20160707		
Lab Sample ID:	JC23600-3	**Date Sampled:**	07/07/16
Matrix:	AQ - Field Blank Water	**Date Received:**	07/07/16
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	2D157628.D	1	07/11/16	AM	n/a	n/a	V2D6608
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	3.8	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	FB-20160707		
Lab Sample ID:	JC23600-3	**Date Sampled:**	07/07/16
Matrix:	AQ - Field Blank Water	**Date Received:**	07/07/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.35	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		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:	FB-20160707		
Lab Sample ID:	JC23600-3	**Date Sampled:**	07/07/16
Matrix:	AQ - Field Blank Water	**Date Received:**	07/07/16
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	100%		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

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JC23600-4	**Date Sampled:**	07/07/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	07/07/16
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	2D157629.D	1	07/11/16	AM	n/a	n/a	V2D6608
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	3.8	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	JC23600-4	**Date Sampled:**	07/07/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	07/07/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.35	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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 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:	JC23600-4	**Date Sampled:**	07/07/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	07/07/16
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	100%		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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: JC23600
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

CHAIN OF CUSTODY

PAGE 1 OF 1

GW
FB
TB

Accutest Job # JC23600

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@greycastle.com
Phone #: 856-330-9410 Fax #:
Samplers Name: Gabriel Miller Phone #: 516-633-7768

Project Information

Project Name: Bel Air Xtra Fuels PG#007805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 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; O - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WIPE - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NaHSO4	Unpreserved	MeOH	DI Water	VOC + oxygenates	TPH DRO (8015M)	TPH DRO (8015M)		LAB USE ONLY
1	Sys-eff-20160707		7/7/16	1310	GM	GW	7	2								X	X	X	*	C79
2	Sys-inf-20160707		7/7/16	1315	GM	GW	7	2								X	X	X	*	V627
3	FB-20160707		7/7/16	1320	GM	FB	2	2								X				
4	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

Approved By (Accutest PM): / Date:

Data Deliverable Information:
- [ ] Commercial "A" (Level I)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "D"
- [ ] 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:
* 2x 300mL DRO
INITIAL ASESSMENT JAM
LABEL VERIFICATION

Emergency & Rush TAT data available VIA Labnet

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	7/7/16 1500	1	1	7-7-16 1640	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 # 92	Intact / Not Intact	Preserved where applicable / On Ice / Cooler Temp. 3.4

JC23600: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC23600 **Client:** _____ **Project:** _____

Date / Time Received: 7/7/2016 4:40:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.4);

Cooler Temps (Corrected) °C: Cooler 1: (4.3);

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

4.2

4

JC23600: 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

148727.003.003

SGS Accutest Job Number: JC24522

Sampling Date: 07/21/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

ATTN: Eric Harvey

Total number of pages in report: 25

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.
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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC24522

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.003.003

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC24522-1	07/21/16	13:10	EM	07/22/16	AQ	Effluent	SYS-EFF-20160721
JC24522-2	07/21/16	13:15	EM	07/22/16	AQ	Influent	SYS-INF-20160721
JC24522-3	07/21/16	13:20	EM	07/22/16	AQ	Field Blank Water	FB-20160721
JC24522-4	07/21/16	13:20	EM	07/22/16	AQ	Trip Blank Water	TRIP BLANK

2

Summary of Hits

Job Number: JC24522
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 07/21/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC24522-1	**SYS-EFF-20160721**					
Methyl Tert Butyl Ether		132	1.0	0.34	ug/l	SW846 8260C
tert-Amyl Methyl Ether		0.49 J	2.0	0.23	ug/l	SW846 8260C
TPH-GRO (C6-C10)		0.177 J	0.20	0.10	mg/l	SW846 8015C
JC24522-2	**SYS-INF-20160721**					
Benzene		0.63	0.50	0.14	ug/l	SW846 8260C
Di-Isopropyl ether		0.50 J	2.0	0.41	ug/l	SW846 8260C
Ethylbenzene		0.60 J	1.0	0.20	ug/l	SW846 8260C
Methyl Tert Butyl Ether		3.9	1.0	0.34	ug/l	SW846 8260C
Tert Butyl Alcohol		143	10	3.0	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		1.1 J	2.0	0.26	ug/l	SW846 8260C
m,p-Xylene		1.3	1.0	0.42	ug/l	SW846 8260C
o-Xylene		0.76 J	1.0	0.21	ug/l	SW846 8260C
Xylene (total)		2.1	1.0	0.21	ug/l	SW846 8260C
TPH-GRO (C6-C10)		1.14	0.20	0.10	mg/l	SW846 8015C

JC24522-3 **FB-20160721**

No hits reported in this sample.

JC24522-4 **TRIP BLANK**

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SYS-EFF-20160721		
Lab Sample ID:	JC24522-1	**Date Sampled:**	07/21/16
Matrix:	AQ - Effluent	**Date Received:**	07/22/16
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	L282832.D	1	07/27/16	EH	n/a	n/a	VL7820
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	3.8	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	SYS-EFF-20160721		
Lab Sample ID:	JC24522-1	**Date Sampled:**	07/21/16
Matrix:	AQ - Effluent	**Date Received:**	07/22/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	132	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.35	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.49	2.0	0.23	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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 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-20160721		
Lab Sample ID:	JC24522-1	**Date Sampled:**	07/21/16
Matrix:	AQ - Effluent	**Date Received:**	07/22/16
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	100%		84-119%
460-00-4	4-Bromofluorobenzene	96%		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-20160721		
Lab Sample ID:	JC24522-1	**Date Sampled:**	07/21/16
Matrix:	AQ - Effluent	**Date Received:**	07/22/16
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	UV132462.D	1	07/25/16	JC	n/a	n/a	GUV5328
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.177	0.20	0.10	mg/l	J

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

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-20160721		
Lab Sample ID:	JC24522-1	**Date Sampled:**	07/21/16
Matrix:	AQ - Effluent	**Date Received:**	07/22/16
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	2Y78483.D	1	07/26/16	HC	07/26/16	OP95824	G2Y3031
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	106%		36-144%
16416-32-3	Tetracosane-d50	96%		32-138%
438-22-2	5a-Androstane	97%		31-136%

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-20160721		
Lab Sample ID:	JC24522-2	**Date Sampled:**	07/21/16
Matrix:	AQ - Influent	**Date Received:**	07/22/16
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	L282821.D	1	07/26/16	EH	n/a	n/a	VL7819
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	3.8	ug/l	
71-43-2	Benzene	0.63	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	0.50	2.0	0.41	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	SYS-INF-20160721		
Lab Sample ID:	JC24522-2	**Date Sampled:**	07/21/16
Matrix:	AQ - Influent	**Date Received:**	07/22/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	0.60	1.0	0.20	ug/l	J
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3.9	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.35	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	143	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	1.1	2.0	0.26	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	1.3	1.0	0.42	ug/l	
95-47-6	o-Xylene	0.76	1.0	0.21	ug/l	J
1330-20-7	Xylene (total)	2.1	1.0	0.21	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 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-20160721		
Lab Sample ID:	JC24522-2	**Date Sampled:**	07/21/16
Matrix:	AQ - Influent	**Date Received:**	07/22/16
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	100%		84-119%
460-00-4	4-Bromofluorobenzene	97%		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-20160721		
Lab Sample ID:	JC24522-2	**Date Sampled:**	07/21/16
Matrix:	AQ - Influent	**Date Received:**	07/22/16
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	UV132463.D	1	07/25/16	JC	n/a	n/a	GUV5328
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.14	0.20	0.10	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
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-20160721		
Lab Sample ID:	JC24522-2	**Date Sampled:**	07/21/16
Matrix:	AQ - Influent	**Date Received:**	07/22/16
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	2Y78486.D	1	07/26/16	HC	07/26/16	OP95824	G2Y3031
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	99%		36-144%
16416-32-3	Tetracosane-d50	86%		32-138%
438-22-2	5a-Androstane	85%		31-136%

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-20160721		
Lab Sample ID:	JC24522-3	**Date Sampled:**	07/21/16
Matrix:	AQ - Field Blank Water	**Date Received:**	07/22/16
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	L282818.D	1	07/26/16	EH	n/a	n/a	VL7819
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	3.8	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	FB-20160721		
Lab Sample ID:	JC24522-3	**Date Sampled:**	07/21/16
Matrix:	AQ - Field Blank Water	**Date Received:**	07/22/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.35	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		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:	FB-20160721		
Lab Sample ID:	JC24522-3	**Date Sampled:**	07/21/16
Matrix:	AQ - Field Blank Water	**Date Received:**	07/22/16
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	101%		84-119%
460-00-4	4-Bromofluorobenzene	98%		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:	TRIP BLANK		
Lab Sample ID:	JC24522-4	**Date Sampled:**	07/21/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	07/22/16
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	L282819.D	1	07/26/16	EH	n/a	n/a	VL7819
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	3.8	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	JC24522-4	**Date Sampled:**	07/21/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	07/22/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.35	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	TRIP BLANK		
Lab Sample ID:	JC24522-4	**Date Sampled:**	07/21/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	07/22/16
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	98%		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: JC24522
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

CHAIN OF CUSTODY

PAGE 1 OF ___

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

Accutest Job # JC 24522

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 Email: maciejewsk@brownald.com
Phone #: 856-330-9410 Fax #:
Samplers Name(s): C. Miller, B. Swann Phone #: 856-203-3966

Project Information

Project Name: Bel Air Xtra Fuels PO#507605
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 145727.003.003
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 Vial #	Collected Date	Collected Time	Sampled by	Matrix	# of bottles	VOC + Naphthalene	TPH-GRO (8015M)	TPH-DRO (8015M)	LAB USE ONLY
1	SYS-eff-20160721	•	7/21/16	1310	CM	GW	7	X	X	X	E40
2	SYS-inf-20160721	•	7/21/16	1315	CM	GW	7	X	X	X	V759
3	FB-20160721		7/21/16	1320	CM	FB	2	X			
4	TRIP BLANK					TB	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.T. data available VIA Labtrack

Approved By (Accutest PM) / Date:
Custom Deliverables

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

• 2X 3 Vom For CMO 7-22-16 AM

INITIAL ASSESSMENT AM 7-22-16 IB

PRESERVATION CHECK

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	7/22/16 10:10	1	2	7/22/16	2
3		3	4		4
5		5			

Custody Seal # 197 Intact / Not Intact

Preservation where applicable

On Ice

Cooler Temp 9.3°C

4.2 4

JC24522: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC24522 **Client:** _____ **Project:** _____

Date / Time Received: 7/22/2016 12:12:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (4.1);

Cooler Temps (Corrected) °C: Cooler 1: (5.0);

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 or 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 or 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

4.2

4

JC24522: 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

148727.003.003.1028

SGS Accutest Job Number: JC25281

Sampling Date: 08/04/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

ATTN: Eric Harvey

Total number of pages in report: 25

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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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC25281

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.003.003.1028

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC25281-1	08/04/16	09:45	EM	08/05/16	AQ	Field Blank Water	FB-20160804
JC25281-2	08/04/16	09:55	EM	08/05/16	AQ	Effluent	SYS-EFF-20160804
JC25281-3	08/04/16	10:05	EM	08/05/16	AQ	Influent	SYS-INF-20160804
JC25281-4	08/04/16	10:05	EM	08/05/16	AQ	Trip Blank Water	TRIP BLANK

2

Summary of Hits

Job Number: JC25281
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 08/04/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC25281-1	**FB-20160804**					
No hits reported in this sample.						
JC25281-2	**SYS-EFF-20160804**					
Methyl Tert Butyl Ether		78.4	1.0	0.34	ug/l	SW846 8260C
Tert Butyl Alcohol		61.6	10	3.0	ug/l	SW846 8260C
tert-Amyl Methyl Ether		0.36 J	2.0	0.23	ug/l	SW846 8260C
JC25281-3	**SYS-INF-20160804**					
Benzene		15.0	0.50	0.14	ug/l	SW846 8260C
n-Butylbenzene		1.0 J	2.0	0.28	ug/l	SW846 8260C
Di-Isopropyl ether		2.4	2.0	0.41	ug/l	SW846 8260C
Ethylbenzene		23.6	1.0	0.20	ug/l	SW846 8260C
Isopropylbenzene		2.9	1.0	0.16	ug/l	SW846 8260C
Methyl Tert Butyl Ether		118	1.0	0.34	ug/l	SW846 8260C
Naphthalene		11.0	5.0	0.39	ug/l	SW846 8260C
n-Propylbenzene		6.3	2.0	0.17	ug/l	SW846 8260C
Tert Butyl Alcohol		723	10	3.0	ug/l	SW846 8260C
tert-Amyl Methyl Ether		5.3	2.0	0.23	ug/l	SW846 8260C
tert-Butyl Ethyl Ether		0.30 J	2.0	0.23	ug/l	SW846 8260C
Toluene		4.0	1.0	0.23	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		36.1	2.0	0.26	ug/l	SW846 8260C
1,3,5-Trimethylbenzene		7.7	2.0	0.32	ug/l	SW846 8260C
m,p-Xylene		43.5	1.0	0.42	ug/l	SW846 8260C
o-Xylene		27.6	1.0	0.21	ug/l	SW846 8260C
Xylene (total)		71.1	1.0	0.21	ug/l	SW846 8260C
TPH-GRO (C6-C10)		0.529	0.20	0.10	mg/l	SW846 8015C
JC25281-4	**TRIP BLANK**					
No hits reported in this sample.						

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	FB-20160804		
Lab Sample ID:	JC25281-1	**Date Sampled:**	08/04/16
Matrix:	AQ - Field Blank Water	**Date Received:**	08/05/16
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	2E125793.D	1	08/09/16	JP	n/a	n/a	V2E5523
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	3.8	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	FB-20160804		
Lab Sample ID:	JC25281-1	**Date Sampled:**	08/04/16
Matrix:	AQ - Field Blank Water	**Date Received:**	08/05/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.35	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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 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-20160804		
Lab Sample ID:	JC25281-1	**Date Sampled:**	08/04/16
Matrix:	AQ - Field Blank Water	**Date Received:**	08/05/16
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	100%		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:	SYS-EFF-20160804		
Lab Sample ID:	JC25281-2	**Date Sampled:**	08/04/16
Matrix:	AQ - Effluent	**Date Received:**	08/05/16
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	2E125795.D	1	08/09/16	JP	n/a	n/a	V2E5523
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	3.8	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	SYS-EFF-20160804		
Lab Sample ID:	JC25281-2	**Date Sampled:**	08/04/16
Matrix:	AQ - Effluent	**Date Received:**	08/05/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	78.4	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.35	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	61.6	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.36	2.0	0.23	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	SYS-EFF-20160804		
Lab Sample ID:	JC25281-2	**Date Sampled:**	08/04/16
Matrix:	AQ - Effluent	**Date Received:**	08/05/16
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	100%		73-122%
2037-26-5	Toluene-D8	101%		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:	SYS-EFF-20160804		
Lab Sample ID:	JC25281-2	**Date Sampled:**	08/04/16
Matrix:	AQ - Effluent	**Date Received:**	08/05/16
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	UV132695.D	1	08/10/16	HT	n/a	n/a	GUV5342
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	0.10	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
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-20160804		
Lab Sample ID:	JC25281-2	**Date Sampled:**	08/04/16
Matrix:	AQ - Effluent	**Date Received:**	08/05/16
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	2Y78642.D	1	08/08/16	HC	08/06/16	OP96116	G2Y3037
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	117%		36-144%
16416-32-3	Tetracosane-d50	109%		32-138%
438-22-2	5a-Androstane	107%		31-136%

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-20160804		
Lab Sample ID:	JC25281-3	**Date Sampled:**	08/04/16
Matrix:	AQ - Influent	**Date Received:**	08/05/16
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	2E125796.D	1	08/09/16	JP	n/a	n/a	V2E5523
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	3.8	ug/l	
71-43-2	Benzene	15.0	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	1.0	2.0	0.28	ug/l	J
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	2.4	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	SYS-INF-20160804		
Lab Sample ID:	JC25281-3	**Date Sampled:**	08/04/16
Matrix:	AQ - Influent	**Date Received:**	08/05/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	23.6	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	2.9	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	118	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.35	ug/l	
91-20-3	Naphthalene	11.0	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	6.3	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	723	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	5.3	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	0.30	2.0	0.23	ug/l	J
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	4.0	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	36.1	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	7.7	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	43.5	1.0	0.42	ug/l	
95-47-6	o-Xylene	27.6	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	71.1	1.0	0.21	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:	SYS-INF-20160804		
Lab Sample ID:	JC25281-3	**Date Sampled:**	08/04/16
Matrix:	AQ - Influent	**Date Received:**	08/05/16
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	101%		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-20160804		
Lab Sample ID:	JC25281-3	**Date Sampled:**	08/04/16
Matrix:	AQ - Influent	**Date Received:**	08/05/16
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	UV132690.D	1	08/10/16	HT	n/a	n/a	GUV5342
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.529	0.20	0.10	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
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-20160804		
Lab Sample ID:	JC25281-3	**Date Sampled:**	08/04/16
Matrix:	AQ - Influent	**Date Received:**	08/05/16
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	2Y78643.D	1	08/08/16	HC	08/06/16	OP96116	G2Y3037
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	100%		36-144%
16416-32-3	Tetracosane-d50	90%		32-138%
438-22-2	5a-Androstane	89%		31-136%

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:	JC25281-4	**Date Sampled:**	08/04/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/05/16
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	2E125794.D	1	08/09/16	JP	n/a	n/a	V2E5523
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	3.8	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	JC25281-4	**Date Sampled:**	08/04/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/05/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.35	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	TRIP BLANK		
Lab Sample ID:	JC25281-4	**Date Sampled:**	08/04/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/05/16
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	101%		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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: JC25281
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

CHAIN OF CUSTODY

PAGE ___ OF ___

Client / Reporting Information

Company Name: Global Partners LP Attn: Eric Harvey
Street Address: 15 NE Industrial Road
City: Branford State: CT Zip: 06405
Project Contact: Jen Kugler Email:
Phone: 856-330-9410 Fax:
Samplers Name(s): Elizabeth Miller Phone: 8568033766

Project Information

Project Name: Bel Air Xtra Fuels PO#007835
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #:
Client Purchase Order #:
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
O - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WIPE - Wipe
FBLK - Field Blank
EB - Equipment Blank
PB - Prep Blank
TB - Trip Blank

Sample # (Lab Use Only)	Field ID / Point of Collection	MS-MSD Yes #	Collection Date	Collection Time	Sampled by	Matrix	# of containers	Preservation	VOCs 624M - TIA	TPH (GRO) (8015M)	TPH (DRO) (8015M)	LAB USE ONLY
1	FB-20160804		8/4/16	0945	EM	FB	2	2	X			
2	SYS-EFF-20160804		8/4/16	0955	EM	GW	7	7	X	X	X	647
3	SYS-INF-20160804		8/4/16	1005	EM	GW	7	7	X	X	X	1838
4	TRIP BLANK					TB	2	2	X			

Turnaround Time - Business Days

- ☐ Std. 15 Business Days
- ☒ 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.T. dates are subject to Laboratory Approval

Approved By (Accutest PM): / Date:

INITIAL ASSESSMENT AM 16

LABEL VERIFICATION AM

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 + Raw Data

Comments / Special Instructions

• 2x 30ml - for ORG w/HCL
8-5-16 AM

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	8/4/16 835	1	2	8-5 1050	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 ✓ Cooler Temp. 037 °C

4.2 4

JC25281: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC25281 **Client:** _____ **Project:** _____

Date / Time Received: 8/5/2016 10:50:00 AM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.7);

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

4.2

4

JC25281: 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

148727.003

SGS Accutest Job Number: JC26478

Sampling Date: 08/25/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

ATTN: Eric Harvey

Total number of pages in report: 25

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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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC26478

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.003

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC26478-1	08/25/16	12:15	EM	08/25/16	AQ	Field Blank Water	FB-20160825
JC26478-2	08/25/16	12:05	EM	08/25/16	AQ	Effluent	SYS-EFF-20160825
JC26478-3	08/25/16	12:10	EM	08/25/16	AQ	Influent	SYS-INF-20160825
JC26478-4	08/25/16	12:15	EM	08/25/16	AQ	Trip Blank Water	TRIP BLANK

2

Summary of Hits

Job Number: JC26478
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 08/25/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC26478-1	**FB-20160825**					
No hits reported in this sample.						
JC26478-2	**SYS-EFF-20160825**					
Methyl Tert Butyl Ether		65.9	1.0	0.34	ug/l	SW846 8260C
TPH-DRO (C10-C28)		0.300	0.083	0.064	mg/l	SW846 8015C
JC26478-3	**SYS-INF-20160825**					
Benzene		17.7	0.50	0.14	ug/l	SW846 8260C
n-Butylbenzene		1.1 J	2.0	0.28	ug/l	SW846 8260C
sec-Butylbenzene		1.3 J	2.0	1.0	ug/l	SW846 8260C
Di-Isopropyl ether		2.5	2.0	0.41	ug/l	SW846 8260C
Ethylbenzene		25.2	1.0	0.20	ug/l	SW846 8260C
Isopropylbenzene		3.5	1.0	0.16	ug/l	SW846 8260C
Methyl Tert Butyl Ether		103	1.0	0.34	ug/l	SW846 8260C
Naphthalene		8.8	5.0	0.39	ug/l	SW846 8260C
n-Propylbenzene		7.1	2.0	0.17	ug/l	SW846 8260C
Tert Butyl Alcohol		746	10	3.0	ug/l	SW846 8260C
Toluene		5.0	1.0	0.23	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		37.6	2.0	0.26	ug/l	SW846 8260C
1,3,5-Trimethylbenzene		9.1	2.0	0.32	ug/l	SW846 8260C
m,p-Xylene		51.8	1.0	0.42	ug/l	SW846 8260C
o-Xylene		34.5	1.0	0.21	ug/l	SW846 8260C
Xylene (total)		86.3	1.0	0.21	ug/l	SW846 8260C
TPH-GRO (C6-C10)		0.982	0.20	0.10	mg/l	SW846 8015C
JC26478-4	**TRIP BLANK**					
No hits reported in this sample.						

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	FB-20160825		
Lab Sample ID:	JC26478-1	**Date Sampled:**	08/25/16
Matrix:	AQ - Field Blank Water	**Date Received:**	08/25/16
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	2A170722.D	1	08/27/16	TK	n/a	n/a	V2A7236
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	FB-20160825		
Lab Sample ID:	JC26478-1	**Date Sampled:**	08/25/16
Matrix:	AQ - Field Blank Water	**Date Received:**	08/25/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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 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-20160825		
Lab Sample ID:	JC26478-1	**Date Sampled:**	08/25/16
Matrix:	AQ - Field Blank Water	**Date Received:**	08/25/16
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	101%		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:	SYS-EFF-20160825		
Lab Sample ID:	JC26478-2	**Date Sampled:**	08/25/16
Matrix:	AQ - Effluent	**Date Received:**	08/25/16
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	2A170724.D	1	08/27/16	TK	n/a	n/a	V2A7236
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	SYS-EFF-20160825		
Lab Sample ID:	JC26478-2	**Date Sampled:**	08/25/16
Matrix:	AQ - Effluent	**Date Received:**	08/25/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	65.9	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	SYS-EFF-20160825		
Lab Sample ID:	JC26478-2	**Date Sampled:**	08/25/16
Matrix:	AQ - Effluent	**Date Received:**	08/25/16
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	101%		84-119%
460-00-4	4-Bromofluorobenzene	97%		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-20160825		
Lab Sample ID:	JC26478-2	**Date Sampled:**	08/25/16
Matrix:	AQ - Effluent	**Date Received:**	08/25/16
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	UV133119.D	1	08/30/16	HT	n/a	n/a	GUV5357
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	0.10	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
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-20160825		
Lab Sample ID:	JC26478-2	**Date Sampled:**	08/25/16
Matrix:	AQ - Effluent	**Date Received:**	08/25/16
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	2Z57140.D	1	08/30/16	TL	08/29/16	OP96612	G2Z2156
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)	0.300	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	78%		32-138%
438-22-2	5a-Androstane	73%		31-136%

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-20160825		
Lab Sample ID:	JC26478-3	**Date Sampled:**	08/25/16
Matrix:	AQ - Influent	**Date Received:**	08/25/16
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	2A170725.D	1	08/27/16	TK	n/a	n/a	V2A7236
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	5.0	ug/l	
71-43-2	Benzene	17.7	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	1.1	2.0	0.28	ug/l	J
135-98-8	sec-Butylbenzene	1.3	2.0	1.0	ug/l	J
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	2.5	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	SYS-INF-20160825		
Lab Sample ID:	JC26478-3	**Date Sampled:**	08/25/16
Matrix:	AQ - Influent	**Date Received:**	08/25/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	25.2	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	3.5	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	103	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	8.8	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	7.1	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	746	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	5.0	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	37.6	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	9.1	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	51.8	1.0	0.42	ug/l	
95-47-6	o-Xylene	34.5	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	86.3	1.0	0.21	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 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-20160825		
Lab Sample ID:	JC26478-3	**Date Sampled:**	08/25/16
Matrix:	AQ - Influent	**Date Received:**	08/25/16
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	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-20160825		
Lab Sample ID:	JC26478-3	**Date Sampled:**	08/25/16
Matrix:	AQ - Influent	**Date Received:**	08/25/16
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	UV133120.D	1	08/30/16	HT	n/a	n/a	GUV5357
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.982	0.20	0.10	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
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-20160825		
Lab Sample ID:	JC26478-3	**Date Sampled:**	08/25/16
Matrix:	AQ - Influent	**Date Received:**	08/25/16
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	2Z57141.D	1	08/30/16	TL	08/29/16	OP96612	G2Z2156
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	83%		36-144%
16416-32-3	Tetracosane-d50	80%		32-138%
438-22-2	5a-Androstane	75%		31-136%

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:	JC26478-4	**Date Sampled:**	08/25/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/25/16
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	2A170723.D	1	08/27/16	TK	n/a	n/a	V2A7236
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	JC26478-4	**Date Sampled:**	08/25/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/25/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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 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:	JC26478-4	**Date Sampled:**	08/25/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/25/16
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	101%		84-119%
460-00-4	4-Bromofluorobenzene	99%		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: JC26478
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

GW
FB
MB

CHAIN OF CUSTODY

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JC26478

Client / Reporting Information

Company Name: Global Partners LP Attn: Eric Harvey
Street Address: 15 NE Industrial Road
City: Branford State: CT Zip: 06405
Project Contact: Jen Kugler
Phone #: 856-330-9410
Samplers Name(s): E. Miller 8568033706

Project Information

Project Name: Bel Air Xtra Fuels PO#007805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 149727.023
Client Purchase Order #:
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; Sol - Sludge; SED - Sediment; O - Oil; LQ - Other Liquid; AIR - Air; SOL - Other Solid; WIPE - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	Matrix Code	Date	Time	Sampled by	Matrix	# of bottles	VOCs, MTBE, TPH	TPH (GRO) (8015M)	TPH (DRO) (8015D)	LAB USE ONLY
1	FB-20160825		8/25/16	1215	EM	FB	2	X			
2	SYS-EFF-20160825	*	8/25/16	1205	EM	GW	7	X	X	X	E44
3	SYS-INF-20160825	*	8/25/16	1210	EM	GW	7	X	X	X	V1000
4	TRIP BLANK		—	—	—	TB	2	X			

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

Approved By (Accutest PM) / Date:
7 day Ex. (VEI contract)

Data Deliverable Information
- Commercial "A" (Level 1)
- Commercial "B" (Level 2)
- FULL T1 (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
* 2x300 DPO @ 8/25/16
FAL ASSESSMENT 34 DOM
LABEL VERIFICATION JK

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	8/25/16 1610	1	2	8-25-16 1710	2
3		3	4		4
5		5			

Custody Seal # Intact / Not Intact; Preserved where applicable: No; Cooler Temp. 3.0

JC26478: Chain of Custody
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SGS Accutest Sample Receipt Summary

Job Number: JC26478 **Client:** _____ **Project:** _____

Date / Time Received: 8/25/2016 5:40:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.9);

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 or 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 or 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

4.2

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JC26478: 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

148727.003

SGS Accutest Job Number: JC27765

Sampling Date: 09/13/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

ATTN: Eric Harvey

Total number of pages in report: 25

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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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC27765

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.003

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC27765-1	09/13/16	09:30	EM	09/15/16	AQ	Field Blank Water	FB-20160913
JC27765-2	09/13/16	09:20	EM	09/15/16	AQ	Effluent	SYS-EFF-20160913
JC27765-3	09/13/16	09:25	EM	09/15/16	AQ	Influent	SYS-INF-20160913
JC27765-4	09/13/16	09:30	EM	09/15/16	AQ	Trip Blank Water	TRIP BLANK

2

Summary of Hits

Job Number: JC27765
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/13/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27765-1	**FB-20160913**					
No hits reported in this sample.						
JC27765-2	**SYS-EFF-20160913**					
Methyl Tert Butyl Ether		53.6	1.0	0.34	ug/l	SW846 8260C
Tert Butyl Alcohol		10.1	10	3.0	ug/l	SW846 8260C
tert-Amyl Methyl Ether		0.28 J	2.0	0.23	ug/l	SW846 8260C
JC27765-3	**SYS-INF-20160913**					
Benzene		0.23 J	0.50	0.14	ug/l	SW846 8260C
Di-Isopropyl ether		0.53 J	2.0	0.41	ug/l	SW846 8260C
Ethylbenzene		2.6	1.0	0.20	ug/l	SW846 8260C
Isopropylbenzene		0.58 J	1.0	0.16	ug/l	SW846 8260C
Methyl Tert Butyl Ether		7.2	1.0	0.34	ug/l	SW846 8260C
Naphthalene		1.1 J	5.0	0.39	ug/l	SW846 8260C
n-Propylbenzene		0.91 J	2.0	0.17	ug/l	SW846 8260C
Tert Butyl Alcohol		255	10	3.0	ug/l	SW846 8260C
TPH-DRO (C10-C28)		0.121	0.083	0.064	mg/l	SW846 8015C
JC27765-4	**TRIP BLANK**					
No hits reported in this sample.						

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	FB-20160913		
Lab Sample ID:	JC27765-1	**Date Sampled:**	09/13/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/15/16
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	2A171414.D	1	09/21/16	BK	n/a	n/a	V2A7263
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	FB-20160913		
Lab Sample ID:	JC27765-1	**Date Sampled:**	09/13/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	FB-20160913		
Lab Sample ID:	JC27765-1	**Date Sampled:**	09/13/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/15/16
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	97%		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-20160913		
Lab Sample ID:	JC27765-2	**Date Sampled:**	09/13/16
Matrix:	AQ - Effluent	**Date Received:**	09/15/16
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	2A171415.D	1	09/21/16	BK	n/a	n/a	V2A7263
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	SYS-EFF-20160913		
Lab Sample ID:	JC27765-2	**Date Sampled:**	09/13/16
Matrix:	AQ - Effluent	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	53.6	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	10.1	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.28	2.0	0.23	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	SYS-EFF-20160913		
Lab Sample ID:	JC27765-2	**Date Sampled:**	09/13/16
Matrix:	AQ - Effluent	**Date Received:**	09/15/16
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	100%		84-119%
460-00-4	4-Bromofluorobenzene	96%		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-20160913		
Lab Sample ID:	JC27765-2	**Date Sampled:**	09/13/16
Matrix:	AQ - Effluent	**Date Received:**	09/15/16
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	UV133440.D	1	09/19/16	HT	n/a	n/a	GUV5371
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	0.10	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
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-20160913		
Lab Sample ID:	JC27765-2	**Date Sampled:**	09/13/16
Matrix:	AQ - Effluent	**Date Received:**	09/15/16
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	2Z57699.D	1	09/21/16	TL	09/19/16	OP97100	G2Z2172
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	78%		36-144%
16416-32-3	Tetracosane-d50	78%		32-138%
438-22-2	5a-Androstane	75%		31-136%

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-20160913		
Lab Sample ID:	JC27765-3	**Date Sampled:**	09/13/16
Matrix:	AQ - Influent	**Date Received:**	09/15/16
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	2A171416.D	1	09/21/16	BK	n/a	n/a	V2A7263
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	5.0	ug/l	
71-43-2	Benzene	0.23	0.50	0.14	ug/l	J
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	0.53	2.0	0.41	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	SYS-INF-20160913		
Lab Sample ID:	JC27765-3	**Date Sampled:**	09/13/16
Matrix:	AQ - Influent	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	2.6	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	0.58	1.0	0.16	ug/l	J
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	7.2	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	1.1	5.0	0.39	ug/l	J
103-65-1	n-Propylbenzene	0.91	2.0	0.17	ug/l	J
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	255	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	SYS-INF-20160913		
Lab Sample ID:	JC27765-3	**Date Sampled:**	09/13/16
Matrix:	AQ - Influent	**Date Received:**	09/15/16
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	100%		84-119%
460-00-4	4-Bromofluorobenzene	94%		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-20160913		
Lab Sample ID:	JC27765-3	**Date Sampled:**	09/13/16
Matrix:	AQ - Influent	**Date Received:**	09/15/16
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	UV133441.D	1	09/19/16	HT	n/a	n/a	GUV5371
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	0.10	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
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-20160913		
Lab Sample ID:	JC27765-3	**Date Sampled:**	09/13/16
Matrix:	AQ - Influent	**Date Received:**	09/15/16
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	2Z57700.D	1	09/21/16	TL	09/19/16	OP97100	G2Z2172
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)	0.121	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	73%		36-144%
16416-32-3	Tetracosane-d50	70%		32-138%
438-22-2	5a-Androstane	69%		31-136%

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:	JC27765-4	**Date Sampled:**	09/13/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/15/16
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	2A171417.D	1	09/21/16	BK	n/a	n/a	V2A7263
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	JC27765-4	**Date Sampled:**	09/13/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	JC27765-4	**Date Sampled:**	09/13/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/15/16
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	101%		84-119%
460-00-4	4-Bromofluorobenzene	96%		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: JC27765
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

CHAIN OF CUSTODY

PAGE 1 OF 1

JC27765

Client / Reporting Information

Company Name: Global Partners LP Attn: Eric Harvey
Street Address: 15 NE Industrial Road
City: Branford, State: CT, Zip: 06405
Project Contact: Jen Kugler, E-mail:
Phone #: 856-330-9410, Fax #:
Sampler's Name: E. Miller, Phone #: 856-693-9200

Project Information

Project Name: Be A Xtra Fuels PO#207805
Street: 2476 Churchville Rd.
City: Bel Air, State: MD
Project #: 149727.003
Client Purchase Order #:
Project Manager: Jen Kugler
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; OIL - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WIPE - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH Vial #	Date	Time	Sampled by	Matrix	# of bottles	VOCs, MTBE, TBA	TPH GRO (8015B)	TPH DRO (8015B)	LAB USE ONLY
1	FB- 20160913		9/13/16	0930	EM	FB	2	X			
2	SYS-EFF- 20160913		9/13/16	0920	EM	GW	7	X	X	X	E97
3	SYS-INF- 20160913		9/13/16	0925	EM	GW	7	X	X	X	V1170
4	TRIP BLANK		—	—	/	TB	2	X			

Turnaround Time - Business days:
- ☐ Std. 15 Business Days
- ☒ Std. 15 Business Days (by Contract only)
- ☐ 10 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day EMERGENCY
- ☐ 2 Day EMERGENCY
- ☐ 1 Day EMERGENCY

Emergency & Rush T.A.T. dates are subject to Lab approval.

Approved By (Accutest PM) - Date:
7 day by Will contract

Data Deliverable Information:
- ☐ Commercial "A" (Level 1)
- ☐ Commercial "B" (Level 2)
- ☐ FULL T1 (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 ZA TH
LABEL VERIFICATION TH
200ml DRO ZA

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	9/14/16	1	2	9-15-16 1815	2
Relinquished by Sampler	Date Time:	Received By:	Relinquished By	Date Time	Received By:
3		3 9-15-16 1010	4		4
Relinquished by	Date Time:	Received By:	Custody Seals	Preservation (where applicable)	On Ice: ✓ Cooler Temp: 3.0
5		5	☐ Intact ☐ Not Intact		

JC27765: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC27765 **Client:** _____ **Project:** _____

Date / Time Received: 9/15/2016 6:15:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.9);

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 or 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 or 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

4.2

4

JC27765: 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

148727.003

SGS Accutest Job Number: JC28752

Sampling Date: 09/30/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

ATTN: Eric Harvey

Total number of pages in report: 25

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, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, 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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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC28752

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.003

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC28752-1	09/30/16	11:05	EM	09/30/16	AQ	Field Blank Water	FB-20160930
JC28752-2	09/30/16	10:20	EM	09/30/16	AQ	Effluent	SYS-EFF-20160930
JC28752-3	09/30/16	10:25	EM	09/30/16	AQ	Influent	SYS-INF-20160930
JC28752-4	09/30/16	11:05	EM	09/30/16	AQ	Trip Blank Water	TRIP BLANK

2

Summary of Hits

Job Number: JC28752
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/30/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC28752-1	**FB-20160930**					
No hits reported in this sample.						
JC28752-2	**SYS-EFF-20160930**					
Methyl Tert Butyl Ether		78.1	1.0	0.34	ug/l	SW846 8260C
tert-Amyl Methyl Ether		0.33 J	2.0	0.23	ug/l	SW846 8260C
TPH-GRO (C6-C10)		0.120 J	0.20	0.10	mg/l	SW846 8015C
JC28752-3	**SYS-INF-20160930**					
Benzene		11.9	0.50	0.14	ug/l	SW846 8260C
Di-Isopropyl ether		2.3	2.0	0.41	ug/l	SW846 8260C
Ethylbenzene		14.2	1.0	0.20	ug/l	SW846 8260C
Isopropylbenzene		1.3	1.0	0.16	ug/l	SW846 8260C
Methyl Tert Butyl Ether		100	1.0	0.34	ug/l	SW846 8260C
Naphthalene		5.4	5.0	0.39	ug/l	SW846 8260C
n-Propylbenzene		2.8	2.0	0.17	ug/l	SW846 8260C
Tert Butyl Alcohol		661	10	3.0	ug/l	SW846 8260C
tert-Amyl Methyl Ether		4.6	2.0	0.23	ug/l	SW846 8260C
Toluene		3.4	1.0	0.23	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		21.9	2.0	0.26	ug/l	SW846 8260C
1,3,5-Trimethylbenzene		6.0	2.0	0.32	ug/l	SW846 8260C
m,p-Xylene		29.5	1.0	0.42	ug/l	SW846 8260C
o-Xylene		22.2	1.0	0.21	ug/l	SW846 8260C
Xylene (total)		51.7	1.0	0.21	ug/l	SW846 8260C
TPH-GRO (C6-C10)		0.712	0.20	0.10	mg/l	SW846 8015C
TPH-DRO (C10-C28)		0.168	0.083	0.064	mg/l	SW846 8015C
JC28752-4	**TRIP BLANK**					
No hits reported in this sample.						

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	FB-20160930		
Lab Sample ID:	JC28752-1	**Date Sampled:**	09/30/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/30/16
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	U209026.D	1	10/04/16	GA	n/a	n/a	VU9584
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	FB-20160930		
Lab Sample ID:	JC28752-1	**Date Sampled:**	09/30/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/30/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	FB-20160930		
Lab Sample ID:	JC28752-1	**Date Sampled:**	09/30/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/30/16
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	100%		73-122%
2037-26-5	Toluene-D8	100%		84-119%
460-00-4	4-Bromofluorobenzene	108%		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-20160930		
Lab Sample ID:	JC28752-2	**Date Sampled:**	09/30/16
Matrix:	AQ - Effluent	**Date Received:**	09/30/16
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	U209033.D	1	10/04/16	GA	n/a	n/a	VU9584
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	SYS-EFF-20160930		
Lab Sample ID:	JC28752-2	**Date Sampled:**	09/30/16
Matrix:	AQ - Effluent	**Date Received:**	09/30/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	78.1	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.33	2.0	0.23	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	SYS-EFF-20160930		
Lab Sample ID:	JC28752-2	**Date Sampled:**	09/30/16
Matrix:	AQ - Effluent	**Date Received:**	09/30/16
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	100%		73-122%
2037-26-5	Toluene-D8	100%		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-EFF-20160930		
Lab Sample ID:	JC28752-2	**Date Sampled:**	09/30/16
Matrix:	AQ - Effluent	**Date Received:**	09/30/16
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	UV133709.D	1	10/03/16	HT	n/a	n/a	GUV5380
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.120	0.20	0.10	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	89%		55-130%

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-20160930		
Lab Sample ID:	JC28752-2	**Date Sampled:**	09/30/16
Matrix:	AQ - Effluent	**Date Received:**	09/30/16
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	7Z19853.D	1	10/06/16	TL	10/02/16	OP97448	G7Z803
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	47%		36-144%
16416-32-3	Tetracosane-d50	47%		32-138%
438-22-2	5a-Androstane	53%		31-136%

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-20160930		
Lab Sample ID:	JC28752-3	**Date Sampled:**	09/30/16
Matrix:	AQ - Influent	**Date Received:**	09/30/16
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	U209034.D	1	10/05/16	GA	n/a	n/a	VU9584
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	5.0	ug/l	
71-43-2	Benzene	11.9	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	2.3	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	SYS-INF-20160930		
Lab Sample ID:	JC28752-3	**Date Sampled:**	09/30/16
Matrix:	AQ - Influent	**Date Received:**	09/30/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	14.2	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	1.3	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	100	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	5.4	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	2.8	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	661	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	4.6	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	3.4	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	21.9	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	6.0	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	29.5	1.0	0.42	ug/l	
95-47-6	o-Xylene	22.2	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	51.7	1.0	0.21	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:	SYS-INF-20160930		
Lab Sample ID:	JC28752-3	**Date Sampled:**	09/30/16
Matrix:	AQ - Influent	**Date Received:**	09/30/16
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	100%		73-122%
2037-26-5	Toluene-D8	100%		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:	SYS-INF-20160930		
Lab Sample ID:	JC28752-3	**Date Sampled:**	09/30/16
Matrix:	AQ - Influent	**Date Received:**	09/30/16
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	UV133714.D	1	10/03/16	HT	n/a	n/a	GUV5380
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.712	0.20	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		55-130%

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-20160930		
Lab Sample ID:	JC28752-3	**Date Sampled:**	09/30/16
Matrix:	AQ - Influent	**Date Received:**	09/30/16
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	7Z19854.D	1	10/06/16	TL	10/02/16	OP97448	G7Z803
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)	0.168	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	92%		36-144%
16416-32-3	Tetracosane-d50	75%		32-138%
438-22-2	5a-Androstane	79%		31-136%

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:	JC28752-4	**Date Sampled:**	09/30/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/30/16
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	U209032.D	1	10/04/16	GA	n/a	n/a	VU9584
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	JC28752-4	**Date Sampled:**	09/30/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/30/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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 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:	JC28752-4	**Date Sampled:**	09/30/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/30/16
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	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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: JC28752
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.[a]

(a) Lab cert for analyte not supported by NJDEP, OQA. Only methods/analytes required for reporting by the State of NJ can be certified in NJ. Use of this analyte for compliance must be verified through the appropriate regulatory office.

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

CHAIN OF CUSTODY

PAGE 1 OF 1

Client / Reporting Information

Company Name: Global Partners LP Attn: Eric Harvey
Street Address: 15 NE Industrial Road
City: Branford State: CT Zip: 06405
Project Contact: Jen Kugler
Phone: 856-330-9410
Sampler's Name: E Miller

Project Information

Project Name: Bel Air Xtra Fuels PO#007695
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 149727.003
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)

Sample #	Field ID / Point of Collection	Matrix Code	Date	Time	Sampled By	Matrix	# of containers	VOCs, MTBE, TBA	Flow Geochemistry	Flow Chemistry	LAB USE ONLY
1	FB-20160930		9/30/16	1105	EM	FB	2	X			E66
2	SYS-EFF-20160930	G	9/30/16	1020	EM	GW	7	X	X	X	V115
3	SYS-INF-20160930	G	9/30/16	1025	EM	GW	7	X	X	X	
4	TRIP BLANK					TB	2	X			

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

Turnaround Time - Business days:
- ☐ Std. 15 Business Days
- ☒ Std. 10 Business Days (by Contract only)
- ☐ 10 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day EMERGENCY
- ☐ 2 Day EMERGENCY
- ☐ 1 Day EMERGENCY

Approved By (Accutest PM) / Date:

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

Comments, Special Instructions:

INITIAL ASSESSMENT 3.9 [illegible]

LABEL VERIFICATION

2x 300 mL DEC @ 9/30/16

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	9/30/16	1	2	9-30-16 1700	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 # 840	Preserved where applicable	On Ice ☒ Cooler Temp 3.1C

JC28752: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC28752 **Client:** _____ **Project:** _____

Date / Time Received: 9/30/2016 5:10:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.1);

Cooler Temps (Corrected) °C: Cooler 1: (4.0);

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

4.2

4

JC28752: 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

148727.005.003

SGS Accutest Job Number: JC24527

Sampling Date: 07/21/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

ATTN: Eric Harvey

Total number of pages in report: **23**

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.

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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC24527

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.005.003

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC24527-1	07/21/16	09:45	EM	07/22/16	DW	Drinking Water	POET-POST-20160721
JC24527-2	07/21/16	09:50	EM	07/22/16	DW	Drinking Water	POET-MID2-20160721
JC24527-3	07/21/16	09:55	EM	07/22/16	DW	Drinking Water	POET-PRE-20160721
JC24527-4	07/21/16	10:00	EM	07/22/16	DW	Drinking Water FB	FB-20160721
JC24527-5	07/21/16	10:00	EM	07/22/16	DW	Drinking Water TB	TRIP BLANK

2

Summary of Hits

Job Number: JC24527
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 07/21/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC24527-1	**POET-POST-20160721**					
Acetone		1.3 J	5.0	0.91	ug/l	EPA 524.2 REV 4.1
Carbon disulfide		0.40 J	0.50	0.028	ug/l	EPA 524.2 REV 4.1
JC24527-2	**POET-MID2-20160721**					
Acetone		1.1 J	5.0	0.91	ug/l	EPA 524.2 REV 4.1
Carbon disulfide		0.12 J	0.50	0.028	ug/l	EPA 524.2 REV 4.1
JC24527-3	**POET-PRE-20160721**					
Acetone		22.3	5.0	0.91	ug/l	EPA 524.2 REV 4.1
Benzene		4.5	0.50	0.057	ug/l	EPA 524.2 REV 4.1
Di-Isopropyl ether		0.56	0.50	0.038	ug/l	EPA 524.2 REV 4.1
Ethyl tert Butyl Ether		0.13 J	0.50	0.025	ug/l	EPA 524.2 REV 4.1
Isopropylbenzene		0.079 J	0.50	0.054	ug/l	EPA 524.2 REV 4.1
Methylene chloride		0.13 J	0.50	0.047	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		213	2.5	0.15	ug/l	EPA 524.2 REV 4.1
Naphthalene		0.13 J	0.50	0.084	ug/l	EPA 524.2 REV 4.1
tert-Amyl Methyl Ether		4.4	0.50	0.099	ug/l	EPA 524.2 REV 4.1
1,2,4-Trimethylbenzene		0.11 J	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		70.3	5.0	0.89	ug/l	EPA 524.2 REV 4.1
o-Xylene		0.078 J	0.50	0.029	ug/l	EPA 524.2 REV 4.1
Xylenes (total)		0.078 J	0.50	0.029	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		2.9 J			ug/l	
JC24527-4	**FB-20160721**					
Methylene chloride		0.068 J	0.50	0.047	ug/l	EPA 524.2 REV 4.1
JC24527-5	**TRIP BLANK**					

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	POET-POST-20160721		
Lab Sample ID:	JC24527-1	**Date Sampled:**	07/21/16
Matrix:	DW - Drinking Water	**Date Received:**	07/22/16
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	1B104838.D	1	07/27/16	BK	n/a	n/a	V1B4979
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	1.3		5.0	0.91	ug/l	J
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	0.40		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-POST-20160721		
Lab Sample ID:	JC24527-1	**Date Sampled:**	07/21/16
Matrix:	DW - Drinking Water	**Date Received:**	07/22/16
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
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-POST-20160721		
Lab Sample ID:	JC24527-1	**Date Sampled:**	07/21/16
Matrix:	DW - Drinking Water	**Date Received:**	07/22/16
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	99%		78-114%
460-00-4	4-Bromofluorobenzene	101%		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-MID2-20160721		
Lab Sample ID:	JC24527-2	**Date Sampled:**	07/21/16
Matrix:	DW - Drinking Water	**Date Received:**	07/22/16
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	1B104839.D	1	07/27/16	BK	n/a	n/a	V1B4979
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	1.1		5.0	0.91	ug/l	J
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	0.12		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-MID2-20160721		
Lab Sample ID:	JC24527-2	**Date Sampled:**	07/21/16
Matrix:	DW - Drinking Water	**Date Received:**	07/22/16
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
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-MID2-20160721		
Lab Sample ID:	JC24527-2	**Date Sampled:**	07/21/16
Matrix:	DW - Drinking Water	**Date Received:**	07/22/16
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	101%		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-PRE-20160721		
Lab Sample ID:	JC24527-3	**Date Sampled:**	07/21/16
Matrix:	DW - Drinking Water	**Date Received:**	07/22/16
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	1B104840.D	1	07/27/16	BK	n/a	n/a	V1B4979
Run #2	1B104870.D	5	07/28/16	BK	n/a	n/a	V1B4980

	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	22.3		5.0	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	4.5	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-PRE-20160721		
Lab Sample ID:	JC24527-3	**Date Sampled:**	07/21/16
Matrix:	DW - Drinking Water	**Date Received:**	07/22/16
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	0.56		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	0.13		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	0.079		0.50	0.054	ug/l	J
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	0.13	5.0	0.50	0.047	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	213 [a]		2.5	0.15	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	0.13		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	4.4		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	0.11		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	70.3		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	0.078		0.50	0.029	ug/l	J
1330-20-7	Xylenes (total)	0.078	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-20160721		
Lab Sample ID:	JC24527-3	**Date Sampled:**	07/21/16
Matrix:	DW - Drinking Water	**Date Received:**	07/22/16
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	98%	105%	78-114%
460-00-4	4-Bromofluorobenzene	97%	93%	77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	4.38	1.4	ug/l	J
75-85-4	Amylene Hydrate	10.85	1.5	ug/l	JN
	Total TIC, Volatile		2.9	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-20160721		
Lab Sample ID:	JC24527-4	**Date Sampled:**	07/21/16
Matrix:	DW - Drinking Water FB	**Date Received:**	07/22/16
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	1B104841.D	1	07/27/16	BK	n/a	n/a	V1B4979
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-20160721		
Lab Sample ID:	JC24527-4	**Date Sampled:**	07/21/16
Matrix:	DW - Drinking Water FB	**Date Received:**	07/22/16
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	0.068	5.0	0.50	0.047	ug/l	J
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:	FB-20160721		
Lab Sample ID:	JC24527-4	**Date Sampled:**	07/21/16
Matrix:	DW - Drinking Water FB	**Date Received:**	07/22/16
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	100%		78-114%
460-00-4	4-Bromofluorobenzene	96%		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:	TRIP BLANK		
Lab Sample ID:	JC24527-5	**Date Sampled:**	07/21/16
Matrix:	DW - Drinking Water TB	**Date Received:**	07/22/16
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	1B104842.D	1	07/27/16	BK	n/a	n/a	V1B4979
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:	TRIP BLANK		
Lab Sample ID:	JC24527-5	**Date Sampled:**	07/21/16
Matrix:	DW - Drinking Water TB	**Date Received:**	07/22/16
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
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:	TRIP BLANK		
Lab Sample ID:	JC24527-5	**Date Sampled:**	07/21/16
Matrix:	DW - Drinking Water TB	**Date Received:**	07/22/16
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	102%		78-114%
460-00-4	4-Bromofluorobenzene	96%		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

CHAIN OF CUSTODY

PAGE 1 OF 1

DW
FB
TB

Client / Reporting Information | Project Information | Requested Analysis (see TEST CODE sheet) | Matrix Codes

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 266 221 Quinebaug Road
City: North Grosvenordale State: CT Zip: 06255
Project Contact: Jen Kugler jmkugler@brwncald.com
Phone #: 856-330-9410 Fax #:
Sampler's Name(s): E. Miller, R. Grome Phone #: 856-332-7106

Project Name: Bel Air Xlra Fuels PO#007805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: ~~147885~~ 148227.005.003
Client Purchase Order #: PO# 007805
Project Manager: Jen Kugler

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

Preservation: VOAs + oxygenates via EPA 524.2 Dioxin/Water Methods

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

Accutest Sample #	Field ID / Point of Collection	MEOH Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NaHSO4	Methanol	1 NaSO4	VOAs + oxygenates	LAB USE ONLY
1	POET-POST-20160721		7/21/16	0945	EM	DW	3	3							X	
2	POET-MID2-20160721		7/21/16	0950	EM	DW	3	3							X	
3	POET-PRE-20160721		7/21/16	0955	EM	DW	3	3							X	U747
4	FB-20160721		7/21/16	1000	EM	FB	2	2							X	
5	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

Approved By (Accutest PM) / Date:

Emergency & Rush T.A.T. data available VIA LabLink

Data Deliverable Information:
- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULL1 (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: MM 7/22
LABEL VERIFICATION: JB

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	7/22/16 0910	1	2	7/22/16 12:	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 / Broken	Preserved where applicable

On Ice: ✓ Cooler Temp: 3.1°C FG

JC24527: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC24527 **Client:** _____ **Project:** _____

Date / Time Received: 7/22/2016 12:11:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.1);

Cooler Temps (Corrected) °C: Cooler 1: (4.0);

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

JC24527: 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

SGS Accutest Job Number: JC26479

Sampling Date: 08/25/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

ATTN: Eric Harvey

Total number of pages in report: **23**

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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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC26479

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.005

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC26479-1	08/25/16	12:20	EM	08/25/16	DW	Drinking Water FB	FB-20160825
JC26479-2	08/25/16	09:10	EM	08/25/16	DW	Drinking Water	POET-POST-20160825
JC26479-3	08/25/16	09:12	EM	08/25/16	DW	Drinking Water	POET-MID2-20160825
JC26479-4	08/25/16	09:14	EM	08/25/16	DW	Drinking Water	POET-PRE-20160825
JC26479-5	08/25/16	12:20	EM	08/25/16	DW	Drinking Water TB	TRIP BLANK

2

Summary of Hits

Job Number: JC26479
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 08/25/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC26479-1	**FB-20160825**					
Toluene		0.12 J	0.50	0.044	ug/l	EPA 524.2 REV 4.1
JC26479-2	**POET-POST-20160825**					
Carbon disulfide		0.37 J	0.50	0.028	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		0.52 J			ug/l	
JC26479-3	**POET-MID2-20160825**					
Carbon disulfide		0.23 J	0.50	0.028	ug/l	EPA 524.2 REV 4.1
JC26479-4	**POET-PRE-20160825**					
Benzene		0.44 J	0.50	0.057	ug/l	EPA 524.2 REV 4.1
Ethyl tert Butyl Ether		0.064 J	0.50	0.025	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		257	5.0	0.30	ug/l	EPA 524.2 REV 4.1
tert-Amyl Methyl Ether		1.5	0.50	0.099	ug/l	EPA 524.2 REV 4.1
1,2,4-Trimethylbenzene		0.051 J	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		56.2	5.0	0.89	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		3.97 J			ug/l	
JC26479-5	**TRIP BLANK**					

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	FB-20160825		
Lab Sample ID:	JC26479-1	**Date Sampled:**	08/25/16
Matrix:	DW - Drinking Water FB	**Date Received:**	08/25/16
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	1B105459.D	1	08/26/16	BK	n/a	n/a	V1B5003
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-20160825		
Lab Sample ID:	JC26479-1	**Date Sampled:**	08/25/16
Matrix:	DW - Drinking Water FB	**Date Received:**	08/25/16
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	0.12	1000	0.50	0.044	ug/l	J
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:	FB-20160825		
Lab Sample ID:	JC26479-1	**Date Sampled:**	08/25/16
Matrix:	DW - Drinking Water FB	**Date Received:**	08/25/16
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	101%		78-114%
460-00-4	4-Bromofluorobenzene	98%		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-POST-20160825		
Lab Sample ID:	JC26479-2	**Date Sampled:**	08/25/16
Matrix:	DW - Drinking Water	**Date Received:**	08/25/16
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	1B105460.D	1	08/26/16	BK	n/a	n/a	V1B5003
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	0.37		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-POST-20160825		
Lab Sample ID:	JC26479-2	**Date Sampled:**	08/25/16
Matrix:	DW - Drinking Water	**Date Received:**	08/25/16
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-POST-20160825		
Lab Sample ID:	JC26479-2	**Date Sampled:**	08/25/16
Matrix:	DW - Drinking Water	**Date Received:**	08/25/16
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	100%		78-114%
460-00-4	4-Bromofluorobenzene	98%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
109-99-9	Furan, tetrahydro-	10.18	.52	ug/l	JN
	Total TIC, Volatile		.52	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-MID2-20160825		
Lab Sample ID:	JC26479-3	**Date Sampled:**	08/25/16
Matrix:	DW - Drinking Water	**Date Received:**	08/25/16
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	1B105461.D	1	08/26/16	BK	n/a	n/a	V1B5003
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-MID2-20160825		
Lab Sample ID:	JC26479-3	**Date Sampled:**	08/25/16
Matrix:	DW - Drinking Water	**Date Received:**	08/25/16
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-MID2-20160825		
Lab Sample ID:	JC26479-3	**Date Sampled:**	08/25/16
Matrix:	DW - Drinking Water	**Date Received:**	08/25/16
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	98%		78-114%
460-00-4	4-Bromofluorobenzene	96%		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-20160825		
Lab Sample ID:	JC26479-4	**Date Sampled:**	08/25/16
Matrix:	DW - Drinking Water	**Date Received:**	08/25/16
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	1B105462.D	1	08/26/16	BK	n/a	n/a	V1B5003
Run #2	1B105475.D	10	08/29/16	BK	n/a	n/a	V1B5004

	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	0.44	5.0	0.50	0.057	ug/l	J
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-PRE-20160825		
Lab Sample ID:	JC26479-4	**Date Sampled:**	08/25/16
Matrix:	DW - Drinking Water	**Date Received:**	08/25/16
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	0.064		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	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	257 [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	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	1.5		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	0.051		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	56.2		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-PRE-20160825		
Lab Sample ID:	JC26479-4	**Date Sampled:**	08/25/16
Matrix:	DW - Drinking Water	**Date Received:**	08/25/16
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	98%	102%	78-114%
460-00-4	4-Bromofluorobenzene	97%	100%	77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	4.40	.67	ug/l	J
109-99-9	Furan, tetrahydro-	10.18	1.1	ug/l	JN
75-85-4	Amylene Hydrate	10.83	2.2	ug/l	JN
	Total TIC, Volatile		3.97	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:	TRIP BLANK		
Lab Sample ID:	JC26479-5	**Date Sampled:**	08/25/16
Matrix:	DW - Drinking Water TB	**Date Received:**	08/25/16
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	1B105463.D	1	08/26/16	BK	n/a	n/a	V1B5003
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:	TRIP BLANK		
Lab Sample ID:	JC26479-5	**Date Sampled:**	08/25/16
Matrix:	DW - Drinking Water TB	**Date Received:**	08/25/16
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:	TRIP BLANK		
Lab Sample ID:	JC26479-5	**Date Sampled:**	08/25/16
Matrix:	DW - Drinking Water TB	**Date Received:**	08/25/16
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	101%		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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST

CHAIN OF CUSTODY

PAGE 1 OF 1

JC26479

Client / Reporting Information

Company Name: Global Partners LP Attn: Eric Harvey
Street Address: 15 NE Industrial Road
City: Branford State: CT Zip: 06405
Project Contact: Jen Kugler
Phone: 859-330-9410
Samplers Name: EMiller 8568033766

Project Information

Project Name: Bel Air Xtra Fuels PC#027905
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 143727.005
Project Manager: Jen Kugler

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; SP - Sediment; O - Oil; L - Other Liquid; A - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of containers	Volume	Vials - Oxygen-free vial (TPH 524.2 Dunkerly Walnut Method)	LAB USE ONLY
1	FB- 20160825	8/25/16	1200	EM	FB	2	2	X	
2	POET-POST- 20160825	8/25/16	0910	EM	DW	3	3	X	V1001
3	POET-MID2- 20160825	8/25/16	0912	EM	DW	3	3	X	
4	POET-PRE- 20160825	8/25/16	0914	EM	DW	3	3	X	
5	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

Approved By (Accutest PM) / Date:

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

Comments "A" = Results Only; Commercial "B" = Results + QC Summary; NJ Reduced = Results + QC Summary + Raw Data Pages

Comments, Special Instructions

INITIAL ASSESSMENT 2005

LABEL VERIFICATION JL

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

Relinquished By:	Date/Time	Received By:	Relinquished By:	Date/Time	Received By:
1 EMiller	8/25/16 1610	1 EMiller	2 EMiller	8-25-16 1740	2
3		3	4		4
5		5			

Custody Seal 4: [ ] Intact [ ] Not Intact

Preserved where applicable: [ ]

On Ice: [x]

Cooler Temp: 3.0

JC26479: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC26479 **Client:** _____ **Project:** _____

Date / Time Received: 8/25/2016 5:40:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.9);

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 or 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 or 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

JC26479: 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

SGS Accutest Job Number: JC27754

Sampling Date: 09/14/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

ATTN: Eric Harvey

Total number of pages in report: **23**

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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Unauthorized modification of this report is strictly prohibited.

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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC27754

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.005

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC27754-1	09/14/16	09:25	EM	09/15/16	DW	Drinking Water FB	FB-20160914
JC27754-2	09/14/16	09:10	EM	09/15/16	DW	Drinking Water	POET-POST-20160914
JC27754-3	09/14/16	09:15	EM	09/15/16	DW	Drinking Water	POET-MID2-20160914
JC27754-4	09/14/16	09:20	EM	09/15/16	DW	Drinking Water	POET-PRE-20160914
JC27754-5	09/14/16	09:25	EM	09/15/16	DW	Drinking Water TB	TRIP BLANK

2

Summary of Hits

Job Number: JC27754
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27754-1	**FB-20160914**					
Acetone		1.6 J	5.0	0.91	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		1.5 J			ug/l	
JC27754-2	**POET-POST-20160914**					
Acetone		0.98 J	5.0	0.91	ug/l	EPA 524.2 REV 4.1
Carbon disulfide		0.83	0.50	0.028	ug/l	EPA 524.2 REV 4.1
JC27754-3	**POET-MID2-20160914**					
Acetone		6.9	5.0	0.91	ug/l	EPA 524.2 REV 4.1
Carbon disulfide		0.93	0.50	0.028	ug/l	EPA 524.2 REV 4.1
Chloromethane		0.15 J	0.50	0.044	ug/l	EPA 524.2 REV 4.1
JC27754-4	**POET-PRE-20160914**					
Acetone		1.7 J	5.0	0.91	ug/l	EPA 524.2 REV 4.1
Benzene		2.6	0.50	0.057	ug/l	EPA 524.2 REV 4.1
Di-Isopropyl ether		0.43 J	0.50	0.038	ug/l	EPA 524.2 REV 4.1
Ethyl tert Butyl Ether		0.12 J	0.50	0.025	ug/l	EPA 524.2 REV 4.1
Methylene chloride		0.091 J	0.50	0.047	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		260	10	0.59	ug/l	EPA 524.2 REV 4.1
tert-Amyl Methyl Ether		4.0	0.50	0.099	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		79.7	5.0	0.89	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		2.3 J			ug/l	
JC27754-5	**TRIP BLANK**					

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	FB-20160914		
Lab Sample ID:	JC27754-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water FB	**Date Received:**	09/15/16
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	1B105729.D	1	09/19/16	RS	n/a	n/a	V1B5020
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	1.6		5.0	0.91	ug/l	J
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-20160914		
Lab Sample ID:	JC27754-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water FB	**Date Received:**	09/15/16
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:	FB-20160914		
Lab Sample ID:	JC27754-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water FB	**Date Received:**	09/15/16
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	96%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
141-78-6	Ethyl Acetate	9.79	1.5	ug/l	JN
	Total TIC, Volatile		1.5	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-POST-20160914		
Lab Sample ID:	JC27754-2	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	1B105731.D	1	09/19/16	RS	n/a	n/a	V1B5020
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	0.98		5.0	0.91	ug/l	J
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	0.83		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-POST-20160914		
Lab Sample ID:	JC27754-2	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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-POST-20160914		
Lab Sample ID:	JC27754-2	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	96%		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-MID2-20160914		
Lab Sample ID:	JC27754-3	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	1B105732.D	1	09/19/16	RS	n/a	n/a	V1B5020
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	6.9		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	0.93		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	0.15		0.50	0.044	ug/l	J
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-MID2-20160914		
Lab Sample ID:	JC27754-3	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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-MID2-20160914		
Lab Sample ID:	JC27754-3	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	94%		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-20160914		
Lab Sample ID:	JC27754-4	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	1B105735.D	1	09/20/16	RS	n/a	n/a	V1B5020
Run #2	1B105747.D	20	09/20/16	RS	n/a	n/a	V1B5021

	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	1.7		5.0	0.91	ug/l	J
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	2.6	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	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-PRE-20160914		
Lab Sample ID:	JC27754-4	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	0.43		0.50	0.038	ug/l	J
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	0.12		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	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	0.091	5.0	0.50	0.047	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	260 [a]		10	0.59	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	4.0		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	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	79.7		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-PRE-20160914		
Lab Sample ID:	JC27754-4	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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%	96%	78-114%
460-00-4	4-Bromofluorobenzene	94%	96%	77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
109-99-9	Furan, tetrahydro-	10.16	.5	ug/l	JN
75-85-4	Amylene Hydrate	10.82	1.8	ug/l	JN
	Total TIC, Volatile		2.3	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:	TRIP BLANK		
Lab Sample ID:	JC27754-5	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water TB	**Date Received:**	09/15/16
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	1B105730.D	1	09/19/16	RS	n/a	n/a	V1B5020
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:	TRIP BLANK		
Lab Sample ID:	JC27754-5	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water TB	**Date Received:**	09/15/16
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:	TRIP BLANK		
Lab Sample ID:	JC27754-5	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water TB	**Date Received:**	09/15/16
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	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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST

CHAIN OF CUSTODY

PAGE 1 OF 1

JC27754

Client / Reporting Information

Company Name: Global Partners LP Attn: Eric Harvey
Street Address: 15 NE Industrial Road
City: Branford State: CT Zip: 06405
Project Contact: Jen Kugler
Phone #: 856-330-9410
Sampler's Name: C. Miller 8508533266

Project Information

Project Name: Bel Air Xtra Fuels PC#027805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 148727.005
Client Purchase Order #:
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)

Number Shown	Field ID / Point of Collection	Method Code	Date	Time	Sampled By	Matrix	# of Containers	VOCs (Oxygenates via EPA 524.2 Drinking Water Method)
1	FB- 20160914		9/14/16	0925	KM	FB	2	X
2	POET-POST- 20160914		9/14/16	0910	KM	DW	3	X
3	POET-MID2- 20160914		9/14/16	0915	KM	DW	3	X
4	POET-PRE- 20160914		9/14/16	0920	KM	DW	3	X
5	TRIP BLANK		—	—		TB	2	X

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

LAB USE ONLY: V1169

Turnaround Time - Business days:
- ☐ Std. 15 Business Days
- ☒ 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.T. data available VIA Lablink

Approved By (Accutest PM) / Date
Per Project Manager

Data Deliverable Information:
- ☐ Commercial "A" (Level 1)
- ☐ Commercial "B" (Level 2)
- ☐ FULL T1 (Level 3+4)
- ☐ NJ Reduced
- ☐ Commercial "D"
- ☐ 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 + Raw Data

Comments, Special Instructions
INITIAL ASESSMENT: 24H
LABEL VERIFICATION: Yes

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		9/14/16	1	5	9-15-16 1515	
3	Relinquished by Sampler	Date Time	3 9-15-16 1010	4	Date Time	4
5	Relinquished By	Date Time	5			

Custody Seals: ☐ Intact ☐ Not used
Preserved where applicable: ☐
On Ice: ☑
Cooler Temp: 3.0

JC27754: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC27754 **Client:** _____ **Project:** _____

Date / Time Received: 9/15/2016 6:15:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.9);

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

JC27754: 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 147683

SGS Accutest Job Number: JC27755

Sampling Date: 09/14/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

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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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC27755

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
JC27755-1	09/14/16	09:30	EM	09/15/16	DW	Drinking Water	3MS-20160914

Summary of Hits

Job Number: JC27755
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27755-1	**3MS-20160914**					
Methyl Tert Butyl Ether		0.26 J	0.50	0.030	ug/l	EPA 524.2 REV 4.1

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	3MS-20160914		
Lab Sample ID:	JC27755-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	1B105748.D	1	09/20/16	RS	n/a	n/a	V1B5021
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-20160914		
Lab Sample ID:	JC27755-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	0.26		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:	3MS-20160914		
Lab Sample ID:	JC27755-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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%		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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST

CHAIN OF CUSTODY

PAGE 1 OF 1

Accutest Job # JC27755

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 858 221 Cumberland Road
City: North Grosvenordale State: CT Zip: 06255
Project Contact: Jen Kugler jmkugler@brwncald.com
Phone #: 856-330-9410 Fax #:
Sampler's Name: E Miller 8568633766

Project Information

Project Name: Bel Air Xtra Fuels PO#007805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 147683
Client Purchase Order #: PO# 007905
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; OIL - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WIPE - 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	VOC	Number of preserved bottles						Volatile Organics via TPA 524.2 Drinking Water Method	LAB USE ONLY
1	3MS-20160914		9/14/16	0930	EM DW		3	3							X	V1169

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
- ECO Format
- Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summaries
NJ Reduced = Results + QC Summaries, Partial Raw Data

Comments / Special Instructions

INITIAL ASSESSMENT 2A-M

LABEL VERIFICATION DV

Turnaround Time - Business Days

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

Approved By (Accutest PM) / Date:

Emergency & Rush T/A data available VIA Labtrack

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

Relinquished by Sampler:	Date Time: 9/14/16	Received By:	Relinquished By:	Date Time: 9-15-16 1815	Received By:
Relinquished by:	Date Time:	Received By: 9-15-16 1010	Relinquished By:	Date Time:	Received By:
Relinquished by:	Date Time:	Received By:	Custody Seal #	Intact / Not intact	Preserved where applicable

On Ice: ✓ Cooler Temp: 3.0 C

JC27755: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC27755 **Client:** _____ **Project:** _____

Date / Time Received: 9/15/2016 6:15:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.9);

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

JC27755: Chain of Custody

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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: JC27756

Sampling Date: 09/14/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

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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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC27756

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
JC27756-1	09/14/16	09:35	EM	09/15/16	DW	Drinking Water	5MS-20160914

2

Summary of Hits

Job Number: JC27756
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27756-1	**5MS-20160914**					
Chloroform		0.10 J	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		0.25 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-20160914		
Lab Sample ID:	JC27756-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	1B105737.D	1	09/20/16	RS	n/a	n/a	V1B5020
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	0.10		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
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-20160914		
Lab Sample ID:	JC27756-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	0.25		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-20160914		
Lab Sample ID:	JC27756-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST

CHAIN OF CUSTODY

PAGE 1 OF 1

Accutest Order # JC27756

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 666 321 Connecticut Road
City: North Grosvenordale State: CT Zip: 06255
Project Contact: Jen Kugler jmcugler@brownrald.com
Phone #: 856-330-9410
Samplers Name(s): E Miller

Project Information

Project Name: Re: Air Xtra Fuels PO#C07805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 147633
Drake Purchase Order #: PO# 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; WIPE - Wipe; LB - Field Blank; EB - Equipment Blank; FB - Field Blank; TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	VOC + oxygenates via EPA 524.2 Drinking Water Method	LAB USE ONLY
1	SMS-20160914		9/14/16	0935	EM	DW	3	X	V1169

Number of preserved bottles: HCl, NaOH, H2SO4, HNO3, DI Water, MeOH, ENCORE

Comments / Special instructions

Data Deliverable Information

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

Approved By (Accutest PM) / Date: Days W/ contract

- Commercial "A" (Level 1)
- Commercial "B" (Level 2)
- FULLT1 (Level 3-4)
- IL 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

INITIAL ASSESSMENT ZATH
LABEL VERIFICATION TM

Emergency & Rush T.A.T. data available VIA Labnet

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

Relinquished By:	Date/Time:	Received By:	Relinquished By:	Date/Time:	Received By:
1	9/14/16	2	3	9-15-16 1815	4

Relinquished by Sampler:	Date Time:	Received By:	Custody Seal #	Intact / Not Intact	Preserved where applicable	On Ice	Cooler Temp
3		9-15-16 1010					3.0 C

Relinquished by:	Date Time:	Received By:
5		6

JC27756: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC27756 **Client:** _____ **Project:** _____

Date / Time Received: 9/15/2016 6:15:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.9);

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

JC27756: 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 147683

SGS Accutest Job Number: JC27757

Sampling Date: 09/14/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

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.

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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC27757

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
JC27757-1	09/14/16	09:40	EM	09/15/16	DW	Drinking Water	7MS-20160914

Summary of Hits

2

Job Number: JC27757
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27757-1	**7MS-20160914**					

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	7MS-20160914		
Lab Sample ID:	JC27757-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	1B105738.D	1	09/20/16	RS	n/a	n/a	V1B5020
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
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E = Indicates value exceeds calibration range
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	7MS-20160914		
Lab Sample ID:	JC27757-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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-20160914		
Lab Sample ID:	JC27757-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST

CHAIN OF CUSTODY

PAGE 1 OF 1

Accutest Job # JC27757

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 868 221 Gunnebaug Road
City: North Grosvenordale State: CT Zip: 06255
Project Contact: Jen Kugler Email: jmkugler@bmcgold.com
Phone #: 856-330-9410 Fax #:
Samplers Name(s): E. Miller

Project Information

Project Name: Bel Air Xtra Fuels PO#007805
Street: 2475 Churchville Rd.
City: Bel Air State: MD
Project #: 147683
Client Purchase Order #: PO# 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; OIL - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WIPE - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	Matrix	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	H2SO4	HNO3	DI Water	MEOH	ENCORE	24 hr. composites via EPA Sch. 2 (Drinking Water Multiple)	LAB USE ONLY
1	FMS-20160914		9/14/16	0940	EM	DW	3	3							X	V1169

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

Approved By (Accutest PM): / Date:

Emergency & Rush T.A.T. data available VIA Lablink

Data Deliverable Information:
- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULL1 (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: 2011

LABEL VERIFICATION: TM

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	9/14/16	1		9-15-16 1815	
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3 9-15-16 1010			4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable	On Ice: ✓ Cooler Temp. 3.6
5		5	Intact / Not Intact		

cp

JC27757: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC27757 **Client:** _____ **Project:** _____

Date / Time Received: 9/15/2016 6:15:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.9);

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

JC27757: 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 147683

SGS Accutest Job Number: JC27758

Sampling Date: 09/14/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

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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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC27758

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
JC27758-1	09/14/16	09:50	EM	09/15/16	DW	Drinking Water	9MS-20160914

Summary of Hits

Job Number: JC27758
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27758-1	**9MS-20160914**					
Methyl Tert Butyl Ether		0.20 J	0.50	0.030	ug/l	EPA 524.2 REV 4.1

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	9MS-20160914		
Lab Sample ID:	JC27758-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	1B105739.D	1	09/20/16	RS	n/a	n/a	V1B5020
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-20160914		
Lab Sample ID:	JC27758-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	0.20		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:	9MS-20160914		
Lab Sample ID:	JC27758-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	96%		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

CHAIN OF CUSTODY

PAGE 1 OF 1

Accutest Quote # | Accutest Job # JC27758

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 858 321 Cunneticut Road
City: North Grosvenordale | State: CT | Zip: 06255
Project Contact: Jen Kugler | E-mail: jmkugler@brownald.com
Phone #: 856-330-9410 | Fax #
Sampler(s) Name(s): E Miller | Phone #

Project Information

Project Name: Bel Air Xtra Fuels PO#007805
Street: 2476 Churchville Rd.
City: Bel Air | State: MD
Project #: 147683
Client Purchase Order #: PO# 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; WIPE - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH Vial #	Collected Date	Collected Time	Sampled By	Matrix	# of Bottles	HCl	MeOH	DI Water	VOC + oxygenates via EPA 524.2 Drinking Water Method	LAB USE ONLY
1	9MS-20160914		9/14/16	0950	EM	DW	3	3			X	V1169

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.T. data available VIA Lab NA

Approved By (Accutest PM) / Date
Expedited Charges (circle one)

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 + Raw Data

Comments / Special Instructions
INITIAL ASESSMENT ZA 14
LABEL VERIFICATION PM

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	9/14/16	1	2	9-15-16 1845	
Relinquished by Sampler: 3	Date Time:	Received By: 3 9-15-16 1010	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 / Cooler Temp 3.0

cup

JC27758: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC27758 **Client:** _____ **Project:** _____

Date / Time Received: 9/15/2016 6:15:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.9);

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

JC27758: 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 147683

SGS Accutest Job Number: JC27759

Sampling Date: 09/14/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

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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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC27759

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
JC27759-1	09/14/16	10:00	EM	09/15/16	DW	Drinking Water	10MS-20160914

Summary of Hits

Job Number: JC27759
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27759-1	**10MS-20160914**					
Carbon disulfide		1.2	0.50	0.028	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		0.21 J	0.50	0.030	ug/l	EPA 524.2 REV 4.1

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	10MS-20160914		
Lab Sample ID:	JC27759-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	1B105740.D	1	09/20/16	RS	n/a	n/a	V1B5020
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	1.2		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:	10MS-20160914		
Lab Sample ID:	JC27759-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	0.21		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:	10MS-20160914		
Lab Sample ID:	JC27759-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	94%		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

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

Accutest Job #: JC27759

Client / Reporting Information

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

Project Information

Project Name: Bel Air Xtra Fuels PO#007605
Street: 2476 Churchville Rd.
City: Bel Air State: MO
Project #: 147683
Client Purchase Order #: PO# 007605
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; OL - Oil; OW - Other Liquid; AIR - Air; SO - Other Solid; WIPE - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEDICO Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl VOA	HNO3 Metals	NaOH Metals	Zn Acetate	NaOH CN	Unpreserved	Matrix: Drinking Water Methods	LAB USE ONLY
1	10MS-20160914		9/14/16	1000	EM	DW	3	3						X	V1169

Turnaround Time (Business days):
- [ ] Std. 15 Business Days
- [x] Std. 13 Business Days (by Contract only)
- [ ] 10 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY

Emergency & Rush T.A.T. data available VIA Lablink

Approved By (Accutest PM): / Date:
Total by ABN 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 + Panel Raw data

Comments / Special Instructions:
INITIAL ASESSMENT EA TM
LABEL VERIFICATION TM

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	9/14/16	1	1	9-15-16	2
3		3	4		4
5		5			

Custody Seal #: [ ] Intact [ ] Not Intact
Preserved where applicable: [ ]
On Ice: [ ]
Cooler Temp: 3.0

CLP

JC27759: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC27759 **Client:** _____ **Project:** _____

Date / Time Received: 9/15/2016 6:15:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.9);

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

JC27759: 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 147683

SGS Accutest Job Number: JC27760

Sampling Date: 09/14/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

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.

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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC27760

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
JC27760-1	09/14/16	10:20	EM	09/15/16	DW	Drinking Water	2303CHVL-20160914

2

Summary of Hits

Job Number: JC27760
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27760-1	**2303CHVL-20160914**					
Chloroform		0.69	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		0.37 J	0.50	0.030	ug/l	EPA 524.2 REV 4.1

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	2303CHVL-20160914		
Lab Sample ID:	JC27760-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	1B105741.D	1	09/20/16	RS	n/a	n/a	V1B5020
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	0.69		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-20160914		
Lab Sample ID:	JC27760-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	0.37		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
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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:	2303CHVL-20160914		
Lab Sample ID:	JC27760-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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%		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

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Misc. Forms

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Includes the following where applicable:

- Chain of Custody

ACCUTEST

CHAIN OF CUSTODY

PAGE 1 OF 1

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 866 221 Gunnebaug Road
City: North Groavenordale State: CT Zip: 06255
Project Contact: Jen Kugler E-Mail: mkugler@pranca'd.com
Phone #: 856-330-9410 Fax #:
Sampler's Name(s): Emilio

Project Information

Project Name: Bel Air Xira Fuels PO#007605
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 147683
Client Purchase Order #: PO# 007605
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; OY - Oil; AQ - Other Liquid; AIR - Air; SOL - Other Solid; WIP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NaHS	DI Water	MeOH	Large VOA	VOC - requires delivery via EPA Vol 2 Drinking Water Method	LAB USE ONLY
1	2303CHVL-20160914		9/14/16	1020	EM	DW	3	3								X	V1169

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

Approved By (Accutest PM) / Date:
Emergency & Rush T/A data available via Labnet

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 2A TH
LABEL VERIFICATION DW

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

Relinquished by Sampler	Date Time: 9/14/16	Received By: 1	Relinquished By: 2	Date Time: 9-15-16 1815	Received By:
Relinquished by Sampler: 3	Date Time:	Received By: 3 9-15-16 1010	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 3.0 cup

4.1 4

JC27760: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC27760 **Client:** _____ **Project:** _____

Date / Time Received: 9/15/2016 6:15:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.9);

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

JC27760: 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 147683

SGS Accutest Job Number: JC27761

Sampling Dates: 09/12/16 - 09/14/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

ATTN: Eric Harvey

Total number of pages in report: **148**

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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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC27761

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
JC27761-1	09/12/16	10:53	EM	09/15/16	AQ	Ground Water	MW-16I-20160912
JC27761-2	09/12/16	11:45	EM	09/15/16	AQ	Ground Water	MW-16D-20160912
JC27761-3	09/12/16	12:05	EM	09/15/16	AQ	Ground Water	MW-16S-20160912
JC27761-4	09/12/16	14:33	EM	09/15/16	AQ	Ground Water	MW-17D-20160912
JC27761-5	09/12/16	13:30	EM	09/15/16	AQ	Ground Water	MW-17I-20160912
JC27761-6	09/12/16	13:40	EM	09/15/16	AQ	Ground Water	MW-17S-20160912
JC27761-7	09/12/16	16:20	EM	09/15/16	AQ	Field Blank Water	FB-20160912
JC27761-8	09/13/16	10:54	EM	09/15/16	AQ	Ground Water	MW-15D-20160913
JC27761-9	09/13/16	11:05	EM	09/15/16	AQ	Ground Water	MW-15S-20160913
JC27761-10	09/13/16	11:25	EM	09/15/16	AQ	Ground Water	MW-20-20160913
JC27761-11	09/13/16	11:30	EM	09/15/16	AQ	Ground Water	MW-19-20160913
JC27761-12	09/13/16	11:35	EM	09/15/16	AQ	Ground Water	MW-10-20160913
JC27761-13	09/13/16	11:40	EM	09/15/16	AQ	Ground Water	MW-18-20160913

Sample Summary
(continued)

Drake Petroleum Company, Inc.

Job No: JC27761

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
JC27761-14	09/13/16	00:00	EM	09/15/16	AQ	Ground Water	DUP-20160913
JC27761-15	09/13/16	15:50	EM	09/15/16	AQ	Field Blank Water	FB-20160913
JC27761-16	09/14/16	11:40	EM	09/15/16	AQ	Ground Water	MW-9-20160914
JC27761-17	09/14/16	11:55	EM	09/15/16	AQ	Ground Water	MW-14-20160914
JC27761-18	09/14/16	12:10	EM	09/15/16	AQ	Ground Water	RW-17-20160914
JC27761-19	09/14/16	12:20	EM	09/15/16	AQ	Ground Water	RW-12-20160914
JC27761-20	09/14/16	13:55	EM	09/15/16	AQ	Ground Water	MW-8-20160914
JC27761-21	09/14/16	14:05	EM	09/15/16	AQ	Ground Water	MW-7-20160914
JC27761-22	09/14/16	14:15	EM	09/15/16	AQ	Ground Water	MW-11-20160914
JC27761-23	09/14/16	14:30	EM	09/15/16	AQ	Field Blank Water	FB-20160914
JC27761-24	09/14/16	14:30	EM	09/15/16	AQ	Trip Blank Water	TRIP BLANK

2

Summary of Hits

Job Number: JC27761
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/12/16 thru 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27761-1	**MW-16I-20160912**					
Benzene		121	5.0	1.4	ug/l	SW846 8260C
Methyl Tert Butyl Ether		3640	100	34	ug/l	SW846 8260C
Naphthalene		4.0 J	50	3.9	ug/l	SW846 8260C
Tert Butyl Alcohol		1190	100	30	ug/l	SW846 8260C
tert-Amyl Methyl Ether		112	20	2.3	ug/l	SW846 8260C
tert-Butyl Ethyl Ether		3.4 J	20	2.3	ug/l	SW846 8260C
TPH-GRO (C6-C10)		4.41	0.20	0.10	mg/l	SW846 8015C
TPH-DRO (C10-C28)		0.0876	0.083	0.064	mg/l	SW846 8015C
JC27761-2	**MW-16D-20160912**					
Di-Isopropyl ether		0.53 J	2.0	0.41	ug/l	SW846 8260C
Methyl Tert Butyl Ether		25.7	1.0	0.34	ug/l	SW846 8260C
tert-Amyl Methyl Ether		0.34 J	2.0	0.23	ug/l	SW846 8260C
Toluene		0.39 J	1.0	0.23	ug/l	SW846 8260C
JC27761-3	**MW-16S-20160912**					
Benzene		90.3	0.50	0.14	ug/l	SW846 8260C
Di-Isopropyl ether		3.9	2.0	0.41	ug/l	SW846 8260C
Isopropylbenzene		1.2	1.0	0.16	ug/l	SW846 8260C
Methyl Tert Butyl Ether		1140	20	6.8	ug/l	SW846 8260C
Methylene chloride		1.2 J	2.0	1.0	ug/l	SW846 8260C
Naphthalene		5.8	5.0	0.39	ug/l	SW846 8260C
Tert Butyl Alcohol		572	10	3.0	ug/l	SW846 8260C
tert-Amyl Methyl Ether		29.9	2.0	0.23	ug/l	SW846 8260C
tert-Butyl Ethyl Ether		0.89 J	2.0	0.23	ug/l	SW846 8260C
TPH-GRO (C6-C10)		1.33	0.20	0.10	mg/l	SW846 8015C
TPH-DRO (C10-C28)		0.256	0.083	0.064	mg/l	SW846 8015C
Lead		4.7	3.0		ug/l	SW846 6010C
JC27761-4	**MW-17D-20160912**					
Methyl Tert Butyl Ether		0.37 J	1.0	0.34	ug/l	SW846 8260C
Toluene		0.34 J	1.0	0.23	ug/l	SW846 8260C
TPH-DRO (C10-C28)		0.371	0.083	0.064	mg/l	SW846 8015C
JC27761-5	**MW-17I-20160912**					
Methyl Tert Butyl Ether		0.40 J	1.0	0.34	ug/l	SW846 8260C
TPH-DRO (C10-C28)		0.0999	0.083	0.064	mg/l	SW846 8015C

Summary of Hits

Job Number: JC27761
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/12/16 thru 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27761-6	**MW-17S-20160912**					
Methyl Tert Butyl Ether		0.93 J	1.0	0.34	ug/l	SW846 8260C
TPH-DRO (C10-C28)		0.128	0.083	0.064	mg/l	SW846 8015C
Lead [a]		44.4	6.0		ug/l	SW846 6010C
JC27761-7	**FB-20160912**					
No hits reported in this sample.						
JC27761-8	**MW-15D-20160913**					
No hits reported in this sample.						
JC27761-9	**MW-15S-20160913**					
Lead		9.2	3.0		ug/l	SW846 6010C
JC27761-10	**MW-20-20160913**					
Benzene		0.45 J	0.50	0.14	ug/l	SW846 8260C
n-Butylbenzene		0.57 J	2.0	0.28	ug/l	SW846 8260C
Di-Isopropyl ether		3.5	2.0	0.41	ug/l	SW846 8260C
Ethylbenzene		12.0	1.0	0.20	ug/l	SW846 8260C
Isopropylbenzene		2.4	1.0	0.16	ug/l	SW846 8260C
Methyl Tert Butyl Ether		24.7	1.0	0.34	ug/l	SW846 8260C
Naphthalene		3.2 J	5.0	0.39	ug/l	SW846 8260C
n-Propylbenzene		4.0	2.0	0.17	ug/l	SW846 8260C
Tert Butyl Alcohol		1310	100	30	ug/l	SW846 8260C
tert-Amyl Methyl Ether		0.77 J	2.0	0.23	ug/l	SW846 8260C
tert-Butyl Ethyl Ether		0.44 J	2.0	0.23	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		0.77 J	2.0	0.26	ug/l	SW846 8260C
TPH-GRO (C6-C10)		0.193 J	0.20	0.10	mg/l	SW846 8015C
TPH-DRO (C10-C28)		0.127	0.083	0.064	mg/l	SW846 8015C
Lead		3.5	3.0		ug/l	SW846 6010C
JC27761-11	**MW-19-20160913**					
Di-Isopropyl ether		0.48 J	2.0	0.41	ug/l	SW846 8260C
1,1-Dichloroethene		0.65 J	1.0	0.20	ug/l	SW846 8260C
Methyl Tert Butyl Ether		6.7	1.0	0.34	ug/l	SW846 8260C
tert-Amyl Methyl Ether		0.39 J	2.0	0.23	ug/l	SW846 8260C
TPH-DRO (C10-C28)		0.832	0.083	0.064	mg/l	SW846 8015C
Lead		8.6	3.0		ug/l	SW846 6010C

2

Summary of Hits

Job Number: JC27761
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/12/16 thru 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27761-12	**MW-10-20160913**					
Ethylbenzene		1.3	1.0	0.20	ug/l	SW846 8260C
Isopropylbenzene		0.24 J	1.0	0.16	ug/l	SW846 8260C
Methyl Tert Butyl Ether		3.9	1.0	0.34	ug/l	SW846 8260C
Naphthalene		0.48 J	5.0	0.39	ug/l	SW846 8260C
n-Propylbenzene		0.40 J	2.0	0.17	ug/l	SW846 8260C
Tert Butyl Alcohol		272	10	3.0	ug/l	SW846 8260C
TPH-DRO (C10-C28)		0.0867	0.083	0.064	mg/l	SW846 8015C
JC27761-13	**MW-18-20160913**					
Benzene		8.8	0.50	0.14	ug/l	SW846 8260C
Di-Isopropyl ether		1.7 J	2.0	0.41	ug/l	SW846 8260C
Ethylbenzene		7.7	1.0	0.20	ug/l	SW846 8260C
Isopropylbenzene		1.2	1.0	0.16	ug/l	SW846 8260C
Methyl Tert Butyl Ether		107	1.0	0.34	ug/l	SW846 8260C
Naphthalene		3.9 J	5.0	0.39	ug/l	SW846 8260C
n-Propylbenzene		1.9 J	2.0	0.17	ug/l	SW846 8260C
Tert Butyl Alcohol		644	10	3.0	ug/l	SW846 8260C
tert-Amyl Methyl Ether		4.2	2.0	0.23	ug/l	SW846 8260C
Toluene		1.3	1.0	0.23	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		6.1	2.0	0.26	ug/l	SW846 8260C
1,3,5-Trimethylbenzene		3.4	2.0	0.32	ug/l	SW846 8260C
m,p-Xylene		9.1	1.0	0.42	ug/l	SW846 8260C
o-Xylene		11.8	1.0	0.21	ug/l	SW846 8260C
Xylene (total)		20.9	1.0	0.21	ug/l	SW846 8260C
TPH-GRO (C6-C10)		0.135 J	0.20	0.10	mg/l	SW846 8015C
TPH-DRO (C10-C28)		0.201	0.083	0.064	mg/l	SW846 8015C
Lead		4.4	3.0		ug/l	SW846 6010C
JC27761-14	**DUP-20160913**					
Benzene		16.0	0.50	0.14	ug/l	SW846 8260C
n-Butylbenzene		0.38 J	2.0	0.28	ug/l	SW846 8260C
Di-Isopropyl ether		1.9 J	2.0	0.41	ug/l	SW846 8260C
Ethylbenzene		10.4	1.0	0.20	ug/l	SW846 8260C
Isopropylbenzene		1.4	1.0	0.16	ug/l	SW846 8260C
Methyl Tert Butyl Ether		169	1.0	0.34	ug/l	SW846 8260C
Naphthalene		5.8	5.0	0.39	ug/l	SW846 8260C
n-Propylbenzene		2.2	2.0	0.17	ug/l	SW846 8260C
Tert Butyl Alcohol		540	10	3.0	ug/l	SW846 8260C
tert-Amyl Methyl Ether		7.1	2.0	0.23	ug/l	SW846 8260C
Toluene		2.1	1.0	0.23	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		11.8	2.0	0.26	ug/l	SW846 8260C

Summary of Hits

Job Number: JC27761
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/12/16 thru 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
1,3,5-Trimethylbenzene		6.3	2.0	0.32	ug/l	SW846 8260C
m,p-Xylene		16.7	1.0	0.42	ug/l	SW846 8260C
o-Xylene		22.0	1.0	0.21	ug/l	SW846 8260C
Xylene (total)		38.7	1.0	0.21	ug/l	SW846 8260C
TPH-GRO (C6-C10)		0.167 J	0.20	0.10	mg/l	SW846 8015C
TPH-DRO (C10-C28)		0.155	0.083	0.064	mg/l	SW846 8015C
JC27761-15	**FB-20160913**					
No hits reported in this sample.						
JC27761-16	**MW-9-20160914**					
Methyl Tert Butyl Ether		1.1	1.0	0.34	ug/l	SW846 8260C
Tert Butyl Alcohol		17.6	10	3.0	ug/l	SW846 8260C
TPH-DRO (C10-C28)		0.107	0.083	0.064	mg/l	SW846 8015C
JC27761-17	**MW-14-20160914**					
Benzene		1.7 J	2.5	0.70	ug/l	SW846 8260C
Di-Isopropyl ether		6.5 J	10	2.1	ug/l	SW846 8260C
Methyl Tert Butyl Ether		913	5.0	1.7	ug/l	SW846 8260C
Tert Butyl Alcohol		2580	50	15	ug/l	SW846 8260C
tert-Amyl Methyl Ether		33.6	10	1.2	ug/l	SW846 8260C
TPH-GRO (C6-C10)		1.08	0.20	0.10	mg/l	SW846 8015C
TPH-DRO (C10-C28)		0.371	0.083	0.064	mg/l	SW846 8015C
JC27761-18	**RW-17-20160914**					
Benzene		0.23 J	0.50	0.14	ug/l	SW846 8260C
Methyl Tert Butyl Ether		69.3	1.0	0.34	ug/l	SW846 8260C
Tert Butyl Alcohol		66.8	10	3.0	ug/l	SW846 8260C
tert-Amyl Methyl Ether		2.6	2.0	0.23	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		0.63 J	2.0	0.26	ug/l	SW846 8260C
o-Xylene		0.38 J	1.0	0.21	ug/l	SW846 8260C
Xylene (total)		0.38 J	1.0	0.21	ug/l	SW846 8260C
TPH-GRO (C6-C10)		0.125 J	0.20	0.10	mg/l	SW846 8015C
TPH-DRO (C10-C28)		0.292	0.083	0.064	mg/l	SW846 8015C
Lead		7.9	3.0		ug/l	SW846 6010C
JC27761-19	**RW-12-20160914**					
TPH-DRO (C10-C28)		0.325	0.083	0.064	mg/l	SW846 8015C
Lead		5.6	3.0		ug/l	SW846 6010C

2

Summary of Hits

Job Number: JC27761
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/12/16 thru 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27761-20	**MW-8-20160914**					
Benzene		24.9	0.50	0.14	ug/l	SW846 8260C
n-Butylbenzene		1.4 J	2.0	0.28	ug/l	SW846 8260C
sec-Butylbenzene		1.1 J	2.0	1.0	ug/l	SW846 8260C
tert-Butylbenzene		0.31 J	2.0	0.28	ug/l	SW846 8260C
Ethylbenzene		4.0	1.0	0.20	ug/l	SW846 8260C
Isopropylbenzene		5.6	1.0	0.16	ug/l	SW846 8260C
Methyl Tert Butyl Ether		74.8	1.0	0.34	ug/l	SW846 8260C
Naphthalene		36.5	5.0	0.39	ug/l	SW846 8260C
n-Propylbenzene		1.2 J	2.0	0.17	ug/l	SW846 8260C
Tert Butyl Alcohol		72.2	10	3.0	ug/l	SW846 8260C
tert-Amyl Methyl Ether		2.1	2.0	0.23	ug/l	SW846 8260C
Toluene		0.50 J	1.0	0.23	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		36.6	2.0	0.26	ug/l	SW846 8260C
1,3,5-Trimethylbenzene		22.6	2.0	0.32	ug/l	SW846 8260C
m,p-Xylene		16.6	1.0	0.42	ug/l	SW846 8260C
o-Xylene		56.3	1.0	0.21	ug/l	SW846 8260C
Xylene (total)		72.9	1.0	0.21	ug/l	SW846 8260C
TPH-GRO (C6-C10)		0.676	0.20	0.10	mg/l	SW846 8015C
TPH-DRO (C10-C28)		1.66	0.083	0.064	mg/l	SW846 8015C
JC27761-21	**MW-7-20160914**					
Benzene		0.50	0.50	0.14	ug/l	SW846 8260C
Ethylbenzene		2.5	1.0	0.20	ug/l	SW846 8260C
Isopropylbenzene		0.41 J	1.0	0.16	ug/l	SW846 8260C
p-Isopropyltoluene		5.2	2.0	1.0	ug/l	SW846 8260C
Methyl Tert Butyl Ether		6.4	1.0	0.34	ug/l	SW846 8260C
Naphthalene		169	50	3.9	ug/l	SW846 8260C
n-Propylbenzene		0.51 J	2.0	0.17	ug/l	SW846 8260C
Tert Butyl Alcohol		42.8	10	3.0	ug/l	SW846 8260C
Tetrachloroethene		0.46 J	1.0	0.23	ug/l	SW846 8260C
Toluene		1.1	1.0	0.23	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		960	20	2.6	ug/l	SW846 8260C
1,3,5-Trimethylbenzene		48.4	2.0	0.32	ug/l	SW846 8260C
m,p-Xylene		97.5	1.0	0.42	ug/l	SW846 8260C
o-Xylene		10.1	1.0	0.21	ug/l	SW846 8260C
Xylene (total)		108	1.0	0.21	ug/l	SW846 8260C
TPH-GRO (C6-C10)		3.62	0.20	0.10	mg/l	SW846 8015C
TPH-DRO (C10-C28)		7.13	0.083	0.064	mg/l	SW846 8015C
JC27761-22	**MW-11-20160914**					
Benzene		13.8	0.50	0.14	ug/l	SW846 8260C

Summary of Hits

Job Number: JC27761
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/12/16 thru 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Di-Isopropyl ether		1.4 J	2.0	0.41	ug/l	SW846 8260C
Ethylbenzene		10.2	1.0	0.20	ug/l	SW846 8260C
Isopropylbenzene		1.1	1.0	0.16	ug/l	SW846 8260C
Methyl Tert Butyl Ether		124	1.0	0.34	ug/l	SW846 8260C
Naphthalene		3.2 J	5.0	0.39	ug/l	SW846 8260C
n-Propylbenzene		1.1 J	2.0	0.17	ug/l	SW846 8260C
Tert Butyl Alcohol		135	10	3.0	ug/l	SW846 8260C
tert-Amyl Methyl Ether		7.2	2.0	0.23	ug/l	SW846 8260C
Toluene		1.0	1.0	0.23	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		7.8	2.0	0.26	ug/l	SW846 8260C
1,3,5-Trimethylbenzene		2.4	2.0	0.32	ug/l	SW846 8260C
m,p-Xylene		10.8	1.0	0.42	ug/l	SW846 8260C
o-Xylene		3.6	1.0	0.21	ug/l	SW846 8260C
Xylene (total)		14.4	1.0	0.21	ug/l	SW846 8260C
TPH-GRO (C6-C10)		0.501	0.20	0.10	mg/l	SW846 8015C
TPH-DRO (C10-C28)		0.926	0.083	0.064	mg/l	SW846 8015C

JC27761-23 FB-20160914

No hits reported in this sample.

JC27761-24 TRIP BLANK

No hits reported in this sample.

(a) Elevated sample detection limit due to difficult sample matrix.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-16I-20160912		
Lab Sample ID:	JC27761-1	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2V35284.D	10	09/22/16	AM	n/a	n/a	V2V1378
Run #2	2V35283.D	100	09/22/16	AM	n/a	n/a	V2V1378

	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	100	50	ug/l	
71-43-2	Benzene	121	5.0	1.4	ug/l	
108-86-1	Bromobenzene	ND	10	2.2	ug/l	
74-97-5	Bromochloromethane	ND	10	4.6	ug/l	
75-27-4	Bromodichloromethane	ND	10	5.5	ug/l	
75-25-2	Bromoform	ND	10	3.4	ug/l	
74-83-9	Bromomethane	ND	20	4.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	100	19	ug/l	
104-51-8	n-Butylbenzene	ND	20	2.8	ug/l	
135-98-8	sec-Butylbenzene	ND	20	10	ug/l	
98-06-6	tert-Butylbenzene	ND	20	2.8	ug/l	
56-23-5	Carbon tetrachloride	ND	10	5.4	ug/l	
108-90-7	Chlorobenzene	ND	10	1.7	ug/l	
75-00-3	Chloroethane	ND	10	4.4	ug/l	
67-66-3	Chloroform	ND	10	2.3	ug/l	
74-87-3	Chloromethane	ND	10	9.6	ug/l	
95-49-8	o-Chlorotoluene	ND	20	1.8	ug/l	
106-43-4	p-Chlorotoluene	ND	20	2.9	ug/l	
108-20-3	Di-Isopropyl ether	ND	20	4.1	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	20	6.9	ug/l	
124-48-1	Dibromochloromethane	ND	10	2.3	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	2.2	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	10	2.3	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	10	1.9	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	10	2.1	ug/l	
75-71-8	Dichlorodifluoromethane	ND	20	7.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	10	2.1	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	3.9	ug/l	
75-35-4	1,1-Dichloroethene	ND	10	2.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	10	3.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	10	3.6	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	3.3	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-20160912		
Lab Sample ID:	JC27761-1	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2.8	ug/l	
594-20-7	2,2-Dichloropropane	ND	10	4.2	ug/l	
563-58-6	1,1-Dichloropropene	ND	10	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	10	1.9	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	2.6	ug/l	
100-41-4	Ethylbenzene	ND	10	2.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	20	2.2	ug/l	
98-82-8	Isopropylbenzene	ND	10	1.6	ug/l	
99-87-6	p-Isopropyltoluene	ND	20	10	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3640 [a]	100	34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	50	12	ug/l	
74-95-3	Methylene bromide	ND	10	2.8	ug/l	
75-09-2	Methylene chloride	ND	20	10	ug/l	
91-20-3	Naphthalene	4.0	50	3.9	ug/l	J
103-65-1	n-Propylbenzene	ND	20	1.7	ug/l	
100-42-5	Styrene	ND	10	2.7	ug/l	
75-65-0	Tert Butyl Alcohol	1190	100	30	ug/l	
994-05-8	tert-Amyl Methyl Ether	112	20	2.3	ug/l	
637-92-3	tert-Butyl Ethyl Ether	3.4	20	2.3	ug/l	J
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	1.7	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	3.9	ug/l	
127-18-4	Tetrachloroethene	ND	10	2.3	ug/l	
108-88-3	Toluene	ND	10	2.3	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	10	2.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	10	2.5	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	10	2.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	10	2.8	ug/l	
79-01-6	Trichloroethene	ND	10	2.6	ug/l	
75-69-4	Trichlorofluoromethane	ND	20	5.8	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	20	7.5	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	20	2.6	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	20	3.2	ug/l	
75-01-4	Vinyl chloride	ND	10	3.3	ug/l	
	m,p-Xylene	ND	10	4.2	ug/l	
95-47-6	o-Xylene	ND	10	2.1	ug/l	
1330-20-7	Xylene (total)	ND	10	2.1	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	99%	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-16I-20160912		
Lab Sample ID:	JC27761-1	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	96%	93%	73-122%
2037-26-5	Toluene-D8	93%	104%	84-119%
460-00-4	4-Bromofluorobenzene	98%	98%	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-20160912		
Lab Sample ID:	JC27761-1	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133422.D	1	09/16/16	HT	n/a	n/a	GUV5370
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	4.41	0.20	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		55-130%

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-20160912		
Lab Sample ID:	JC27761-1	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57676.D	1	09/20/16	TL	09/19/16	OP97100	G2Z2172
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)	0.0876	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		36-144%
16416-32-3	Tetracosane-d50	81%		32-138%
438-22-2	5a-Androstane	79%		31-136%

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-20160912		
Lab Sample ID:	JC27761-1	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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	09/17/16	09/19/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-16D-20160912		
Lab Sample ID:	JC27761-2	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	4V30515.D	1	09/21/16	AJ	n/a	n/a	V4V1188
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	0.53	2.0	0.41	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	ug/l	

ND = Not detected MDL = Method Detection Limit
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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-16D-20160912		
Lab Sample ID:	JC27761-2	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	25.7	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.34	2.0	0.23	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	0.39	1.0	0.23	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		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-16D-20160912		
Lab Sample ID:	JC27761-2	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	85%		73-122%
2037-26-5	Toluene-D8	95%		84-119%
460-00-4	4-Bromofluorobenzene	96%		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-20160912		
Lab Sample ID:	JC27761-2	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133425.D	1	09/16/16	HT	n/a	n/a	GUV5370
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	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		55-130%

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-20160912		
Lab Sample ID:	JC27761-2	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57679.D	1	09/20/16	TL	09/19/16	OP97100	G2Z2172
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	77%		36-144%
16416-32-3	Tetracosane-d50	71%		32-138%
438-22-2	5a-Androstane	70%		31-136%

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-20160912		
Lab Sample ID:	JC27761-2	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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	09/17/16	09/19/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-16S-20160912		
Lab Sample ID:	JC27761-3	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	4V30516.D	1	09/21/16	AJ	n/a	n/a	V4V1188
Run #2	1C148614.D	20	09/22/16	JP	n/a	n/a	V1C6584

	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	5.0	ug/l	
71-43-2	Benzene	90.3	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	3.9	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-16S-20160912		
Lab Sample ID:	JC27761-3	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	1.2	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1140 [a]	20	6.8	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	1.2	2.0	1.0	ug/l	J
91-20-3	Naphthalene	5.8	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	572	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	29.9	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	0.89	2.0	0.23	ug/l	J
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%	110%	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-16S-20160912		
Lab Sample ID:	JC27761-3	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	94%	110%	73-122%
2037-26-5	Toluene-D8	95%	104%	84-119%
460-00-4	4-Bromofluorobenzene	96%	94%	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:	MW-16S-20160912		
Lab Sample ID:	JC27761-3	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133426.D	1	09/16/16	HT	n/a	n/a	GUV5370
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.33	0.20	0.10	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
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-20160912		
Lab Sample ID:	JC27761-3	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57682.D	1	09/20/16	TL	09/19/16	OP97100	G2Z2172
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)	0.256	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	86%		36-144%
16416-32-3	Tetracosane-d50	79%		32-138%
438-22-2	5a-Androstane	76%		31-136%

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-20160912		
Lab Sample ID:	JC27761-3	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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	4.7	3.0	ug/l	1	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-17D-20160912		
Lab Sample ID:	JC27761-4	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	1C148613.D	1	09/22/16	JP	n/a	n/a	V1C6584
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-17D-20160912		
Lab Sample ID:	JC27761-4	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.37	1.0	0.34	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	0.34	1.0	0.23	ug/l	J
87-61-6	1,2,3-Trichlorobenzene [a]	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		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-20160912		
Lab Sample ID:	JC27761-4	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	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-17D-20160912		
Lab Sample ID:	JC27761-4	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133427.D	1	09/16/16	HT	n/a	n/a	GUV5370
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	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		55-130%

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-20160912		
Lab Sample ID:	JC27761-4	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57683.D	1	09/20/16	TL	09/19/16	OP97100	G2Z2172
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)	0.371	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	82%		36-144%
16416-32-3	Tetracosane-d50	71%		32-138%
438-22-2	5a-Androstane	68%		31-136%

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-20160912		
Lab Sample ID:	JC27761-4	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-17I-20160912		
Lab Sample ID:	JC27761-5	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	4V30519.D	1	09/21/16	AJ	n/a	n/a	V4V1188
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-17I-20160912		
Lab Sample ID:	JC27761-5	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.40	1.0	0.34	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		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-17I-20160912		
Lab Sample ID:	JC27761-5	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	97%		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-17I-20160912		
Lab Sample ID:	JC27761-5	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133428.D	1	09/16/16	HT	n/a	n/a	GUV5370
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	0.10	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
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-20160912		
Lab Sample ID:	JC27761-5	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57684.D	1	09/20/16	TL	09/19/16	OP97100	G2Z2172
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)	0.0999	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	71%		36-144%
16416-32-3	Tetracosane-d50	65%		32-138%
438-22-2	5a-Androstane	64%		31-136%

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-20160912		
Lab Sample ID:	JC27761-5	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-17S-20160912		
Lab Sample ID:	JC27761-6	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	4V30520.D	1	09/21/16	AJ	n/a	n/a	V4V1188
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-17S-20160912		
Lab Sample ID:	JC27761-6	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.93	1.0	0.34	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		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-17S-20160912		
Lab Sample ID:	JC27761-6	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	94%		84-119%
460-00-4	4-Bromofluorobenzene	95%		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-20160912		
Lab Sample ID:	JC27761-6	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133429.D	1	09/16/16	HT	n/a	n/a	GUV5370
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	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		55-130%

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-20160912		
Lab Sample ID:	JC27761-6	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57685.D	1	09/20/16	TL	09/19/16	OP97100	G2Z2172
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)	0.128	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	81%		36-144%
16416-32-3	Tetracosane-d50	72%		32-138%
438-22-2	5a-Androstane	70%		31-136%

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-20160912		
Lab Sample ID:	JC27761-6	**Date Sampled:**	09/12/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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 [a]	44.4	6.0	ug/l	1	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

(a) Elevated sample detection limit due to difficult sample matrix.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FB-20160912		
Lab Sample ID:	JC27761-7	**Date Sampled:**	09/12/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/15/16
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	4V30525.D	1	09/21/16	AJ	n/a	n/a	V4V1188
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	FB-20160912		
Lab Sample ID:	JC27761-7	**Date Sampled:**	09/12/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		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:	FB-20160912		
Lab Sample ID:	JC27761-7	**Date Sampled:**	09/12/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/15/16
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	96%		73-122%
2037-26-5	Toluene-D8	96%		84-119%
460-00-4	4-Bromofluorobenzene	94%		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-20160913		
Lab Sample ID:	JC27761-8	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	4V30521.D	1	09/21/16	AJ	n/a	n/a	V4V1188
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-15D-20160913		
Lab Sample ID:	JC27761-8	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		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-15D-20160913		
Lab Sample ID:	JC27761-8	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	98%		84-119%
460-00-4	4-Bromofluorobenzene	95%		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:	MW-15D-20160913		
Lab Sample ID:	JC27761-8	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133430.D	1	09/16/16	HT	n/a	n/a	GUV5370
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	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		55-130%

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-20160913		
Lab Sample ID:	JC27761-8	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57686.D	1	09/20/16	TL	09/19/16	OP97100	G2Z2172
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	83%		36-144%
16416-32-3	Tetracosane-d50	72%		32-138%
438-22-2	5a-Androstane	68%		31-136%

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-20160913		
Lab Sample ID:	JC27761-8	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-15S-20160913		
Lab Sample ID:	JC27761-9	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	A225795.D	1	09/22/16	GA	n/a	n/a	VA8534
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-15S-20160913		
Lab Sample ID:	JC27761-9	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	MW-15S-20160913		
Lab Sample ID:	JC27761-9	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	100%		73-122%
2037-26-5	Toluene-D8	100%		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:	MW-15S-20160913		
Lab Sample ID:	JC27761-9	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133431.D	1	09/17/16	HT	n/a	n/a	GUV5370
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	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		55-130%

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-20160913		
Lab Sample ID:	JC27761-9	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57687.D	1	09/20/16	TL	09/19/16	OP97100	G2Z2172
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	80%		36-144%
16416-32-3	Tetracosane-d50	71%		32-138%
438-22-2	5a-Androstane	69%		31-136%

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-20160913		
Lab Sample ID:	JC27761-9	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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	9.2	3.0	ug/l	1	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-20-20160913		
Lab Sample ID:	JC27761-10	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2V35285.D	1	09/22/16	AM	n/a	n/a	V2V1378
Run #2	2V35286.D	10	09/22/16	AM	n/a	n/a	V2V1378

	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	5.0	ug/l	
71-43-2	Benzene	0.45	0.50	0.14	ug/l	J
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	0.57	2.0	0.28	ug/l	J
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	3.5	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-20-20160913		
Lab Sample ID:	JC27761-10	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	12.0	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	2.4	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	24.7	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	3.2	5.0	0.39	ug/l	J
103-65-1	n-Propylbenzene	4.0	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	1310 [a]	100	30	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.77	2.0	0.23	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	0.44	2.0	0.23	ug/l	J
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.77	2.0	0.26	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%	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:	MW-20-20160913		
Lab Sample ID:	JC27761-10	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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%	101%	73-122%
2037-26-5	Toluene-D8	94%	96%	84-119%
460-00-4	4-Bromofluorobenzene	99%	99%	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-20-20160913		
Lab Sample ID:	JC27761-10	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133432.D	1	09/17/16	HT	n/a	n/a	GUV5370
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.193	0.20	0.10	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	92%		55-130%

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-20-20160913		
Lab Sample ID:	JC27761-10	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57688.D	1	09/20/16	TL	09/19/16	OP97100	G2Z2172
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)	0.127	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	79%		36-144%
16416-32-3	Tetracosane-d50	81%		32-138%
438-22-2	5a-Androstane	81%		31-136%

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-20-20160913		
Lab Sample ID:	JC27761-10	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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	3.5	3.0	ug/l	1	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-19-20160913		
Lab Sample ID:	JC27761-11	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	U208738.D	1	09/22/16	GA	n/a	n/a	VU9575
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	0.48	2.0	0.41	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	0.65	1.0	0.20	ug/l	J
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-19-20160913		
Lab Sample ID:	JC27761-11	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	6.7	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.39	2.0	0.23	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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-19-20160913		
Lab Sample ID:	JC27761-11	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	98%		84-119%
460-00-4	4-Bromofluorobenzene	99%		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-19-20160913		
Lab Sample ID:	JC27761-11	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133449.D	1	09/19/16	HT	n/a	n/a	GUV5371
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	0.10	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
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-19-20160913		
Lab Sample ID:	JC27761-11	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57689.D	1	09/20/16	TL	09/19/16	OP97100	G2Z2172
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)	0.832	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	44%		36-144%
16416-32-3	Tetracosane-d50	40%		32-138%
438-22-2	5a-Androstane	39%		31-136%

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-19-20160913		
Lab Sample ID:	JC27761-11	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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	8.6	3.0	ug/l	1	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-10-20160913		
Lab Sample ID:	JC27761-12	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	U208739.D	1	09/22/16	GA	n/a	n/a	VU9575
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-10-20160913		
Lab Sample ID:	JC27761-12	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	1.3	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	0.24	1.0	0.16	ug/l	J
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3.9	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	0.48	5.0	0.39	ug/l	J
103-65-1	n-Propylbenzene	0.40	2.0	0.17	ug/l	J
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	272	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	MW-10-20160913		
Lab Sample ID:	JC27761-12	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	98%		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-10-20160913		
Lab Sample ID:	JC27761-12	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133450.D	1	09/19/16	HT	n/a	n/a	GUV5371
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	0.10	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
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-10-20160913		
Lab Sample ID:	JC27761-12	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57690.D	1	09/20/16	TL	09/19/16	OP97100	G2Z2172
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)	0.0867	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	48%		36-144%
16416-32-3	Tetracosane-d50	44%		32-138%
438-22-2	5a-Androstane	45%		31-136%

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-10-20160913		
Lab Sample ID:	JC27761-12	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-18-20160913		
Lab Sample ID:	JC27761-13	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	A225792.D	1	09/22/16	GA	n/a	n/a	VA8534
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	5.0	ug/l	
71-43-2	Benzene	8.8	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	1.7	2.0	0.41	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-18-20160913		
Lab Sample ID:	JC27761-13	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	7.7	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	1.2	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	107	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	3.9	5.0	0.39	ug/l	J
103-65-1	n-Propylbenzene	1.9	2.0	0.17	ug/l	J
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	644	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	4.2	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	1.3	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	6.1	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	3.4	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	9.1	1.0	0.42	ug/l	
95-47-6	o-Xylene	11.8	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	20.9	1.0	0.21	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:	MW-18-20160913		
Lab Sample ID:	JC27761-13	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	101%		84-119%
460-00-4	4-Bromofluorobenzene	105%		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:	MW-18-20160913		
Lab Sample ID:	JC27761-13	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133451.D	1	09/19/16	HT	n/a	n/a	GUV5371
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.135	0.20	0.10	mg/l	J

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

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-18-20160913		
Lab Sample ID:	JC27761-13	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57693.D	1	09/20/16	TL	09/19/16	OP97100	G2Z2172
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)	0.201	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	77%		32-138%
438-22-2	5a-Androstane	76%		31-136%

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-18-20160913		
Lab Sample ID:	JC27761-13	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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	4.4	3.0	ug/l	1	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DUP-20160913		
Lab Sample ID:	JC27761-14	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	A225791.D	1	09/22/16	GA	n/a	n/a	VA8534
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	5.0	ug/l	
71-43-2	Benzene	16.0	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	0.38	2.0	0.28	ug/l	J
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	1.9	2.0	0.41	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-20160913		
Lab Sample ID:	JC27761-14	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	10.4	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	1.4	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	169	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	5.8	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	2.2	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	540	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	7.1	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	2.1	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	11.8	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	6.3	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	16.7	1.0	0.42	ug/l	
95-47-6	o-Xylene	22.0	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	38.7	1.0	0.21	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:	DUP-20160913		
Lab Sample ID:	JC27761-14	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	100%		73-122%
2037-26-5	Toluene-D8	102%		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:	DUP-20160913		
Lab Sample ID:	JC27761-14	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133452.D	1	09/19/16	HT	n/a	n/a	GUV5371
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.167	0.20	0.10	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	90%		55-130%

ND = Not detected MDL = Method Detection Limit
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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:	DUP-20160913		
Lab Sample ID:	JC27761-14	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57694.D	1	09/21/16	TL	09/19/16	OP97100	G2Z2172
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)	0.155	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	82%		36-144%
16416-32-3	Tetracosane-d50	78%		32-138%
438-22-2	5a-Androstane	77%		31-136%

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-20160913		
Lab Sample ID:	JC27761-14	**Date Sampled:**	09/13/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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 [a]	< 6.0	6.0	ug/l	2	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40342
(2) Prep QC Batch: MP96046

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FB-20160913		
Lab Sample ID:	JC27761-15	**Date Sampled:**	09/13/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/15/16
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	4V30526.D	1	09/21/16	AJ	n/a	n/a	V4V1188
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	ug/l	

ND = Not detected MDL = Method Detection Limit
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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:	FB-20160913		
Lab Sample ID:	JC27761-15	**Date Sampled:**	09/13/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		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:	FB-20160913		
Lab Sample ID:	JC27761-15	**Date Sampled:**	09/13/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/15/16
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	95%		73-122%
2037-26-5	Toluene-D8	96%		84-119%
460-00-4	4-Bromofluorobenzene	93%		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-9-20160914		
Lab Sample ID:	JC27761-16	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	A225796.D	1	09/22/16	GA	n/a	n/a	VA8534
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-9-20160914		
Lab Sample ID:	JC27761-16	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.1	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	17.6	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	MW-9-20160914		
Lab Sample ID:	JC27761-16	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	100%		73-122%
2037-26-5	Toluene-D8	101%		84-119%
460-00-4	4-Bromofluorobenzene	103%		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:	MW-9-20160914		
Lab Sample ID:	JC27761-16	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133453.D	1	09/19/16	HT	n/a	n/a	GUV5371
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	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	90%		55-130%

ND = Not detected MDL = Method Detection Limit
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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-9-20160914		
Lab Sample ID:	JC27761-16	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57714.D	1	09/21/16	TL	09/20/16	OP97121	G2Z2173
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)	0.107	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	86%		36-144%
16416-32-3	Tetracosane-d50	86%		32-138%
438-22-2	5a-Androstane	85%		31-136%

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-9-20160914		
Lab Sample ID:	JC27761-16	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-14-20160914		
Lab Sample ID:	JC27761-17	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	U208702.D	5	09/21/16	GA	n/a	n/a	VU9573
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	50	25	ug/l	
71-43-2	Benzene	1.7	2.5	0.70	ug/l	J
108-86-1	Bromobenzene	ND	5.0	1.1	ug/l	
74-97-5	Bromochloromethane	ND	5.0	2.3	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	2.8	ug/l	
75-25-2	Bromoform	ND	5.0	1.7	ug/l	
74-83-9	Bromomethane	ND	10	2.3	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	9.5	ug/l	
104-51-8	n-Butylbenzene	ND	10	1.4	ug/l	
135-98-8	sec-Butylbenzene	ND	10	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	10	1.4	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	2.7	ug/l	
108-90-7	Chlorobenzene	ND	5.0	0.87	ug/l	
75-00-3	Chloroethane	ND	5.0	2.2	ug/l	
67-66-3	Chloroform	ND	5.0	1.1	ug/l	
74-87-3	Chloromethane	ND	5.0	4.8	ug/l	
95-49-8	o-Chlorotoluene	ND	10	0.89	ug/l	
106-43-4	p-Chlorotoluene	ND	10	1.5	ug/l	
108-20-3	Di-Isopropyl ether	6.5	10	2.1	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	3.4	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	1.1	ug/l	
106-93-4	1,2-Dibromoethane	ND	5.0	1.1	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.2	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.97	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.1	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	3.5	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	1.5	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	1.8	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	1.6	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:	MW-14-20160914		
Lab Sample ID:	JC27761-17	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	1.4	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	2.1	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	0.93	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.3	ug/l	
100-41-4	Ethylbenzene	ND	5.0	0.98	ug/l	
87-68-3	Hexachlorobutadiene	ND	10	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.79	ug/l	
99-87-6	p-Isopropyltoluene	ND	10	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	913	5.0	1.7	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	6.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	1.4	ug/l	
75-09-2	Methylene chloride	ND	10	5.0	ug/l	
91-20-3	Naphthalene	ND	25	1.9	ug/l	
103-65-1	n-Propylbenzene	ND	10	0.86	ug/l	
100-42-5	Styrene	ND	5.0	1.4	ug/l	
75-65-0	Tert Butyl Alcohol	2580	50	15	ug/l	
994-05-8	tert-Amyl Methyl Ether	33.6	10	1.2	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	10	1.2	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.87	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	1.2	ug/l	
108-88-3	Toluene	ND	5.0	1.1	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.2	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.1	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.4	ug/l	
79-01-6	Trichloroethene	ND	5.0	1.3	ug/l	
75-69-4	Trichlorofluoromethane	ND	10	2.9	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	10	3.8	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	10	1.3	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	10	1.6	ug/l	
75-01-4	Vinyl chloride	ND	5.0	1.6	ug/l	
	m,p-Xylene	ND	5.0	2.1	ug/l	
95-47-6	o-Xylene	ND	5.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	5.0	1.0	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:	MW-14-20160914		
Lab Sample ID:	JC27761-17	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	99%		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-14-20160914		
Lab Sample ID:	JC27761-17	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133458.D	1	09/19/16	HT	n/a	n/a	GUV5371
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.08	0.20	0.10	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
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-14-20160914		
Lab Sample ID:	JC27761-17	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57715.D	1	09/21/16	TL	09/20/16	OP97121	G2Z2173
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)	0.371	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	78%		36-144%
16416-32-3	Tetracosane-d50	80%		32-138%
438-22-2	5a-Androstane	78%		31-136%

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-14-20160914		
Lab Sample ID:	JC27761-17	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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 [a]	< 9.0	9.0	ug/l	3	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40342
(2) Prep QC Batch: MP96046

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW-17-20160914		
Lab Sample ID:	JC27761-18	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	U208701.D	1	09/21/16	GA	n/a	n/a	VU9573
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	5.0	ug/l	
71-43-2	Benzene	0.23	0.50	0.14	ug/l	J
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-17-20160914		
Lab Sample ID:	JC27761-18	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	69.3	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	66.8	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	2.6	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.63	2.0	0.26	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	0.38	1.0	0.21	ug/l	J
1330-20-7	Xylene (total)	0.38	1.0	0.21	ug/l	J

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-17-20160914		
Lab Sample ID:	JC27761-18	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	99%		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-17-20160914		
Lab Sample ID:	JC27761-18	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133459.D	1	09/19/16	HT	n/a	n/a	GUV5371
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.125	0.20	0.10	mg/l	J

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

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-17-20160914		
Lab Sample ID:	JC27761-18	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57716.D	1	09/21/16	TL	09/20/16	OP97121	G2Z2173
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)	0.292	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	70%		36-144%
16416-32-3	Tetracosane-d50	70%		32-138%
438-22-2	5a-Androstane	69%		31-136%

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-17-20160914		
Lab Sample ID:	JC27761-18	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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	7.9	3.0	ug/l	1	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW-12-20160914		
Lab Sample ID:	JC27761-19	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	U208707.D	1	09/21/16	GA	n/a	n/a	VU9573
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	RW-12-20160914		
Lab Sample ID:	JC27761-19	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	RW-12-20160914		
Lab Sample ID:	JC27761-19	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	100%		73-122%
2037-26-5	Toluene-D8	98%		84-119%
460-00-4	4-Bromofluorobenzene	104%		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:	RW-12-20160914		
Lab Sample ID:	JC27761-19	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133460.D	1	09/19/16	HT	n/a	n/a	GUV5371
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	0.10	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
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-12-20160914		
Lab Sample ID:	JC27761-19	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57717.D	1	09/21/16	TL	09/20/16	OP97121	G2Z2173
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)	0.325	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	77%		32-138%
438-22-2	5a-Androstane	76%		31-136%

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-12-20160914		
Lab Sample ID:	JC27761-19	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-8-20160914		
Lab Sample ID:	JC27761-20	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	A225789.D	1	09/22/16	GA	n/a	n/a	VA8534
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	5.0	ug/l	
71-43-2	Benzene	24.9	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	1.4	2.0	0.28	ug/l	J
135-98-8	sec-Butylbenzene	1.1	2.0	1.0	ug/l	J
98-06-6	tert-Butylbenzene	0.31	2.0	0.28	ug/l	J
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-8-20160914		
Lab Sample ID:	JC27761-20	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	4.0	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	5.6	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	74.8	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	36.5	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	1.2	2.0	0.17	ug/l	J
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	72.2	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	2.1	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	0.50	1.0	0.23	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	36.6	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	22.6	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	16.6	1.0	0.42	ug/l	
95-47-6	o-Xylene	56.3	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	72.9	1.0	0.21	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:	MW-8-20160914		
Lab Sample ID:	JC27761-20	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	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:	MW-8-20160914		
Lab Sample ID:	JC27761-20	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133461.D	1	09/19/16	HT	n/a	n/a	GUV5371
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.676	0.20	0.10	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
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-8-20160914		
Lab Sample ID:	JC27761-20	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57718.D	1	09/21/16	TL	09/20/16	OP97121	G2Z2173
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)	1.66	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	86%		36-144%
16416-32-3	Tetracosane-d50	87%		32-138%
438-22-2	5a-Androstane	83%		31-136%

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-8-20160914		
Lab Sample ID:	JC27761-20	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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 [a]	< 30	30	ug/l	5	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40342
(2) Prep QC Batch: MP96046

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-7-20160914		
Lab Sample ID:	JC27761-21	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	U208740.D	1	09/22/16	GA	n/a	n/a	VU9575
Run #2	U208737.D	10	09/22/16	GA	n/a	n/a	VU9575

	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	5.0	ug/l	
71-43-2	Benzene	0.50	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-7-20160914		
Lab Sample ID:	JC27761-21	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	2.5	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	0.41	1.0	0.16	ug/l	J
99-87-6	p-Isopropyltoluene	5.2	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	6.4	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	169 [a]	50	3.9	ug/l	
103-65-1	n-Propylbenzene	0.51	2.0	0.17	ug/l	J
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	42.8	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	0.46	1.0	0.23	ug/l	J
108-88-3	Toluene	1.1	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	960 [a]	20	2.6	ug/l	
108-67-8	1,3,5-Trimethylbenzene	48.4	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	97.5	1.0	0.42	ug/l	
95-47-6	o-Xylene	10.1	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	108	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	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-7-20160914		
Lab Sample ID:	JC27761-21	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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%	100%	73-122%
2037-26-5	Toluene-D8	100%	100%	84-119%
460-00-4	4-Bromofluorobenzene	92%	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-7-20160914		
Lab Sample ID:	JC27761-21	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133462.D	1	09/19/16	HT	n/a	n/a	GUV5371
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	3.62	0.20	0.10	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
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-7-20160914		
Lab Sample ID:	JC27761-21	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57747.D	1	09/22/16	TL	09/20/16	OP97137	G2Z2174
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)	7.13	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	99%		36-144%
16416-32-3	Tetracosane-d50	92%		32-138%
438-22-2	5a-Androstane	87%		31-136%

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-7-20160914		
Lab Sample ID:	JC27761-21	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40329
(2) Prep QC Batch: MP96046

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-11-20160914		
Lab Sample ID:	JC27761-22	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	U208700.D	1	09/21/16	GA	n/a	n/a	VU9573
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	5.0	ug/l	
71-43-2	Benzene	13.8	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	1.4	2.0	0.41	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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-11-20160914		
Lab Sample ID:	JC27761-22	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	10.2	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	1.1	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	124	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	3.2	5.0	0.39	ug/l	J
103-65-1	n-Propylbenzene	1.1	2.0	0.17	ug/l	J
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	135	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	7.2	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	1.0	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	7.8	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	2.4	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	10.8	1.0	0.42	ug/l	
95-47-6	o-Xylene	3.6	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	14.4	1.0	0.21	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:	MW-11-20160914		
Lab Sample ID:	JC27761-22	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	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:	MW-11-20160914		
Lab Sample ID:	JC27761-22	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	UV133463.D	1	09/19/16	HT	n/a	n/a	GUV5371
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.501	0.20	0.10	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
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-11-20160914		
Lab Sample ID:	JC27761-22	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
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	2Z57748.D	1	09/22/16	TL	09/20/16	OP97137	G2Z2174
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)	0.926	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		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
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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-11-20160914		
Lab Sample ID:	JC27761-22	**Date Sampled:**	09/14/16
Matrix:	AQ - Ground Water	**Date Received:**	09/15/16
		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 [a]	< 6.0	6.0	ug/l	2	09/17/16	09/20/16	AB	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA40342
(2) Prep QC Batch: MP96046

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FB-20160914		
Lab Sample ID:	JC27761-23	**Date Sampled:**	09/14/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/15/16
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	4V30527.D	1	09/21/16	AJ	n/a	n/a	V4V1188
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	FB-20160914		
Lab Sample ID:	JC27761-23	**Date Sampled:**	09/14/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		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:	FB-20160914		
Lab Sample ID:	JC27761-23	**Date Sampled:**	09/14/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/15/16
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	96%		73-122%
2037-26-5	Toluene-D8	94%		84-119%
460-00-4	4-Bromofluorobenzene	93%		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:	TRIP BLANK		
Lab Sample ID:	JC27761-24	**Date Sampled:**	09/14/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/15/16
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	A225788.D	1	09/22/16	GA	n/a	n/a	VA8534
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	JC27761-24	**Date Sampled:**	09/14/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	TRIP BLANK		
Lab Sample ID:	JC27761-24	**Date Sampled:**	09/14/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/15/16
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	101%		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: JC27761
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

CHAIN OF CUSTODY

PAGE 1 OF 2

JC27761

Matrix Codes

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: maciejewski@bwncad.com
Phone #: 856-330-9410
Sampler(s) Name(s):

Project Information

Project Name: Bel Air Xtra Fuels PC4007805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 147083
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; O - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WIPE - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	MeOH Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	VOC - oxygenates	TPH GRO (8015B)	TPH DRO (8015B)	LEAD	LAB USE ONLY
1	MW-16I-20160912		9/12/16	1053	EM	GW	8	X	X	X	X	E67
2	MW-16D-20160912		9/12/16	1145	EM	GW	8	X	X	X	X	A12
3	MW-16S-20160912		9/12/16	1205	EM	GW	8	X	X	X	X	V171
4	MW-17D-20160912		9/12/16	1433	EM	GW	8	X	X	X	X	
5	MW-17I-20160912		9/12/16	1330	EM	GW	8	X	X	X	X	
6	MW-17S-20160912	*	9/12/16	1340	EM	GW	9	X				
7	FB-20160912		9/12/16	1620	EM	FB	2	X	X	X	X	
8	MW-15D-20160913		9/13/16	1054	EM	GW	8	X	X	X	X	
9	MW-15S-20160913		9/13/16	1105	EM	GW	8	X	X	X	X	
10	MW-20-20160913		9/13/16	1125	EM	GW	8	X	X	X	X	
11	MW-19-20160913	*	9/13/16	1130	EM	GW	8	X	X	X	X	
12	MW-10-20160913		9/13/16	1135	EM	GW	8	X	X	X	X	

Preservation (Check all that apply): Unpreserved; HCl; MeOH; DI Water; NaOH; HNO3; ZnAcO/NaOH

Data Deliverable Information

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 Labnet

Approved By (Accutest PM): / Date:
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
LABEL VERIFICATION

Temps - 3.6, 2.4, 2.6
2.8 3.0 ~~2.6~~ "6 C"
VOC QC VIA 9/21/16 TH
2300 ml 280

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	9/14/16	1	2	9-15-16 1515	2
Relinquished by Sampler	Date Time	Received By: 9-15-16 1010	Relinquished By:		Received By:
3		3	4		4
Relinquished by:	Date Time	Received By:	Custody Seal #	Preserved where applicable	On Ice / Cooler Temp 3.0
5		5			

ACCUTEST

CHAIN OF CUSTODY

PAGE 2 OF 2

2235 Route 516 Dayton, NJ 08810
TEL 732 329-0200 FAX 732 329-3499
www.accutest.com

SDG# Tracking #
Sample Order Control #
Accutest Order #
Accutest Job # J27761

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@bwncard.com
Phone #: 856-330-9410 Fax #:
Samplers (signature): E.Miller, R.Patel 856-830-3946

Project Information

Project Name: Bel Air Xtra Fuels PC#007805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 147693
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; OIL - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WIPE - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	MeOH Vial #	Date	Time	Sampled by	Matrix	# of bottles	VOC + oxygenates	TPH (DRO/ORO)	TPH (DRH/MRH)	LEAD	LAB USE ONLY
13	MW-18-20160913		9/13/16	1140	EM	GW	8	X	X	X	X	
14	DUP-20160913		9/13/16	9999	EM	GW	8	X	X	X	X	
15	FB-20160913		9/13/16	1550	EM	FB	2	X				
16	MW-9-20160914		9/14/16	1140	EM	GW	8	X	X	X	X	
17	MW-14-20160914		9/14/16	1155	EM	GW	8	X	X	X	X	
18	RW-17-20160914		9/14/16	1210	EM	GW	8	X	X	X	X	
19	RW-12-20160914		9/14/16	1220	EM	GW	8	X	X	X	X	
20	MW-8-20160914		9/14/16	1355	EM	GW	8	X	X	X	X	
21	MW-7-20160914		9/14/16	1405	EM	GW	8	X	X	X	X	
22	MW-11-20160914		9/14/16	1415	EM	GW	8	X	X	X	X	
23	FB-20160914		9/14/16	1430	EM	FB	2	X				
24	TRIP BLANK		—	—	—	TB	2	X				

Preservatives: HCL, NaOH, HNO3, H2SO4, NaHSO4, DI Water, MeOH, EnCore, NaO2S2O3

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 Labnet

Approved By (Accutest PM) / Date:
Expedited Charges (over std.):

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:	Date Time	Received By:	Relinquished By:	Date Time	Received By:
1	9/14/16	1	2	9-15-16 1815	2
Relinquished by Sampler: 3	Date Time:	Received By: 9-15-16 1010 3	Relinquished By: 4		Received By: 4
Relinquished by: 5	Date Time	Received By: 5	Custody Seal #	Preserved where applicable	On Ice: Cooler Temp.

JC27761: Chain of Custody
Page 2 of 3

SGS Accutest Sample Receipt Summary

Job Number: JC27761 **Client:** _____ **Project:** _____

Date / Time Received: 9/15/2016 6:15:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0); Cooler 2: (2.4); Cooler 3: (2.6); Cooler 4: (2.8); Cooler 5: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.9); Cooler 2: (3.3); Cooler 3: (3.5); Cooler 4: (3.7); Cooler 5: (3.9);

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:	5	

Quality Control Preservation	Y	or 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	or 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

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 147683

SGS Accutest Job Number: JC27762

Sampling Date: 09/14/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

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.

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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC27762

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
JC27762-1	09/14/16	10:30	EM	09/15/16	DW	Drinking Water	2317CHVL-20160914

Summary of Hits

2

Job Number: JC27762
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27762-1	**2317CHVL-20160914**					
Methyl Tert Butyl Ether		0.56	0.50	0.030	ug/l	EPA 524.2 REV 4.1

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	2317CHVL-20160914		
Lab Sample ID:	JC27762-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	1B105742.D	1	09/20/16	RS	n/a	n/a	V1B5020
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:	2317CHVL-20160914		
Lab Sample ID:	JC27762-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	0.56		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:	2317CHVL-20160914		
Lab Sample ID:	JC27762-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	98%		78-114%
460-00-4	4-Bromofluorobenzene	94%		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

CHAIN OF CUSTODY

PAGE 1 OF

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

FedEx Tracking #: | Bottle Order Control #: | Accutest Job #: JC27762

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 855, 221 Danbury Road
City: North Grosvenordale State: CT Zip: 06255
Project Contact: Jen Kugler E-mail: jmkugler@brownald.com
Phone #: 856-330-9410 Fax #:
Sampler(s) Name(s): E. Miller Phone #:

Project Information

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

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

Requested Analysis (see TEST CODE sheet)

Lab Sample #	Field ID / Point of Collection	MEOH Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	MeOH	HNO3	H2SO4	NaOH	EnCore	NaOH	Na2S2O3	VOC + oxygenates via 11/524.2 Drinking Water Analysis
1	2317CHVL-20160914		9/14/16	1030	EM	DW	3	3								X

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

LAB USE ONLY: 31169

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [x] Std. 15 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 Labnet

Approved By (Accutest PM): / Date:

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: JA TM
LABEL VERIFICATION: TM

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	9/14/16	1	1	9-15-16 1815	2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3 9-15-16 1010	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Intact / Not Intact	Preserved where applicable	On Ice	Cooler Temp.
5		5					3.0 C

SGS Accutest Sample Receipt Summary

Job Number: JC27762 **Client:** _____ **Project:** _____

Date / Time Received: 9/15/2016 6:15:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.9);

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

JC27762: 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 147683

SGS Accutest Job Number: JC27763

Sampling Date: 09/14/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

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.

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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC27763

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
JC27763-1	09/14/16	10:40	EM	09/15/16	DW	Drinking Water	2319CHVL-20160914

Summary of Hits

2

Job Number: JC27763
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27763-1	**2319CHVL-20160914**					
Chloroform		0.17 J	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		0.20 J	0.50	0.030	ug/l	EPA 524.2 REV 4.1

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	2319CHVL-20160914		
Lab Sample ID:	JC27763-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	1B105749.D	1	09/20/16	RS	n/a	n/a	V1B5021
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	0.17		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
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:	2319CHVL-20160914		
Lab Sample ID:	JC27763-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	0.20		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:	2319CHVL-20160914		
Lab Sample ID:	JC27763-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	94%		78-114%
460-00-4	4-Bromofluorobenzene	96%		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

CHAIN OF CUSTODY

PAGE 1 OF 1

Accutest Job # JC27763

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc. Attn: Eric Harvey
Street Address: P.O. Box 865 221 Quinebaug Road
City: North Grosvenordale State: CT Zip: 06255
Project Contact: Jen Kugler Email: jmkugler@brownald.com
Phone #: 856-330-9410 Fax #:
Samplers Name: E Miller Phone #:

Project Information

Project Name: Bel Air Xtra Fuels PO#207805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 147683
Client Purchase Order #: PO# 207805
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 (Ethanol) 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
WIPE - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	Matrix Code	Date	Time	Sampled By	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	Encore	VOC - Oxygenates (Ethanol) EPA 524.2 (Drinking Water Method)	LAB USE ONLY
1	2319CHVL-20160914		9/14/16	1040	EM	DW	3	3							X	V1169

Turnaround Time (Business days)

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

Emergency & Rush T/A data available VIA Labtrack

Approved By (Accutest PM) / Date:

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 ZATH

LABEL VERIFICATION TM

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

Relinquished By:	Date/Time:	Received By:	Relinquished By:	Date/Time:	Received By:
1	9/14/16	1	2	9-15-16	2
Relinquished By:	Date/Time:	Received By:	Relinquished By:	Date/Time:	Received By:
3		3 9-15-16 1010	4		4
Relinquished By:	Date/Time:	Received By:	Custody Seal #	Intact / Not Intact	Preserved where applicable
5		5			On Ice / Cooler Temp. 3.0 C

4.1 4

SGS Accutest Sample Receipt Summary

Job Number: JC27763 **Client:** _____ **Project:** _____

Date / Time Received: 9/15/2016 6:15:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.9);

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

JC27763: 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 147683

SGS Accutest Job Number: JC27764

Sampling Date: 09/14/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

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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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC27764

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
JC27764-1	09/14/16	10:45	EM	09/15/16	DW	Drinking Water	2401CHVL-20160914

2

Summary of Hits

Job Number: JC27764
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/14/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27764-1	**2401CHVL-20160914**					
Chloroform		0.81	0.50	0.031	ug/l	EPA 524.2 REV 4.1

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	2401CHVL-20160914		
Lab Sample ID:	JC27764-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	1B105750.D	1	09/20/16	RS	n/a	n/a	V1B5021
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	0.81		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:	2401CHVL-20160914		
Lab Sample ID:	JC27764-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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:	2401CHVL-20160914		
Lab Sample ID:	JC27764-1	**Date Sampled:**	09/14/16
Matrix:	DW - Drinking Water	**Date Received:**	09/15/16
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	94%		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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST

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 #: JC27764

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@branfordl.com
Phone #: 856-330-9410 Fax #:
Sampler's Name(s): E Miller Phone #:

Project Information

Project Name: Be A Xtra Fuel's PC4007805
Street: 2476 Churchville Rd.
City: Bel Air State: MD
Project #: 47683
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): VOC + oxygenates via EPA 524.2

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

Accutest Sample #	Field ID / Point of Collection	MATRIX Code	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MeOH	EnCore	VOC + oxygenates via EPA 524.2	LAB USE ONLY
1	2401CHVI-20160914		9/14/16	1045	EMDU		3	3								X	V1169

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.T. data available VIA Labnet

Approved By (Accutest PM) / Date:

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

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
FL Reduced = Results + QC Summary + Partial Raw Data

Comments / Special Instructions
INITIAL ASESSMENT 20 TH
LABEL VERIFICATION TM

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	9/14/16	2		9-15-16 1815	2
Relinquished by Sampler: 3	Date Time:	Received By: 3 9-15-16 1010	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: ☑ Cooler Temp: 3.0 -up

JC27764: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC27764 **Client:** _____ **Project:** _____

Date / Time Received: 9/15/2016 6:15:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.9);

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

JC27764: Chain of Custody

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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

148727.003

SGS Accutest Job Number: JC27765

Sampling Date: 09/13/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

ATTN: Eric Harvey

Total number of pages in report: 25

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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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC27765

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.003

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC27765-1	09/13/16	09:30	EM	09/15/16	AQ	Field Blank Water	FB-20160913
JC27765-2	09/13/16	09:20	EM	09/15/16	AQ	Effluent	SYS-EFF-20160913
JC27765-3	09/13/16	09:25	EM	09/15/16	AQ	Influent	SYS-INF-20160913
JC27765-4	09/13/16	09:30	EM	09/15/16	AQ	Trip Blank Water	TRIP BLANK

2

Summary of Hits

Job Number: JC27765
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/13/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC27765-1	**FB-20160913**					
No hits reported in this sample.						
JC27765-2	**SYS-EFF-20160913**					
Methyl Tert Butyl Ether		53.6	1.0	0.34	ug/l	SW846 8260C
Tert Butyl Alcohol		10.1	10	3.0	ug/l	SW846 8260C
tert-Amyl Methyl Ether		0.28 J	2.0	0.23	ug/l	SW846 8260C
JC27765-3	**SYS-INF-20160913**					
Benzene		0.23 J	0.50	0.14	ug/l	SW846 8260C
Di-Isopropyl ether		0.53 J	2.0	0.41	ug/l	SW846 8260C
Ethylbenzene		2.6	1.0	0.20	ug/l	SW846 8260C
Isopropylbenzene		0.58 J	1.0	0.16	ug/l	SW846 8260C
Methyl Tert Butyl Ether		7.2	1.0	0.34	ug/l	SW846 8260C
Naphthalene		1.1 J	5.0	0.39	ug/l	SW846 8260C
n-Propylbenzene		0.91 J	2.0	0.17	ug/l	SW846 8260C
Tert Butyl Alcohol		255	10	3.0	ug/l	SW846 8260C
TPH-DRO (C10-C28)		0.121	0.083	0.064	mg/l	SW846 8015C
JC27765-4	**TRIP BLANK**					
No hits reported in this sample.						

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	FB-20160913		
Lab Sample ID:	JC27765-1	**Date Sampled:**	09/13/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/15/16
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	2A171414.D	1	09/21/16	BK	n/a	n/a	V2A7263
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	FB-20160913		
Lab Sample ID:	JC27765-1	**Date Sampled:**	09/13/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	FB-20160913		
Lab Sample ID:	JC27765-1	**Date Sampled:**	09/13/16
Matrix:	AQ - Field Blank Water	**Date Received:**	09/15/16
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	97%		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-20160913		
Lab Sample ID:	JC27765-2	**Date Sampled:**	09/13/16
Matrix:	AQ - Effluent	**Date Received:**	09/15/16
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	2A171415.D	1	09/21/16	BK	n/a	n/a	V2A7263
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	SYS-EFF-20160913		
Lab Sample ID:	JC27765-2	**Date Sampled:**	09/13/16
Matrix:	AQ - Effluent	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	53.6	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	10.1	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	0.28	2.0	0.23	ug/l	J
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	SYS-EFF-20160913		
Lab Sample ID:	JC27765-2	**Date Sampled:**	09/13/16
Matrix:	AQ - Effluent	**Date Received:**	09/15/16
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	100%		84-119%
460-00-4	4-Bromofluorobenzene	96%		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-20160913		
Lab Sample ID:	JC27765-2	**Date Sampled:**	09/13/16
Matrix:	AQ - Effluent	**Date Received:**	09/15/16
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	UV133440.D	1	09/19/16	HT	n/a	n/a	GUV5371
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	0.10	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
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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:	SYS-EFF-20160913		
Lab Sample ID:	JC27765-2	**Date Sampled:**	09/13/16
Matrix:	AQ - Effluent	**Date Received:**	09/15/16
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	2Z57699.D	1	09/21/16	TL	09/19/16	OP97100	G2Z2172
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	78%		36-144%
16416-32-3	Tetracosane-d50	78%		32-138%
438-22-2	5a-Androstane	75%		31-136%

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-20160913		
Lab Sample ID:	JC27765-3	**Date Sampled:**	09/13/16
Matrix:	AQ - Influent	**Date Received:**	09/15/16
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	2A171416.D	1	09/21/16	BK	n/a	n/a	V2A7263
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	5.0	ug/l	
71-43-2	Benzene	0.23	0.50	0.14	ug/l	J
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	0.53	2.0	0.41	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	SYS-INF-20160913		
Lab Sample ID:	JC27765-3	**Date Sampled:**	09/13/16
Matrix:	AQ - Influent	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	2.6	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	0.58	1.0	0.16	ug/l	J
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	7.2	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	1.1	5.0	0.39	ug/l	J
103-65-1	n-Propylbenzene	0.91	2.0	0.17	ug/l	J
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	255	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	SYS-INF-20160913		
Lab Sample ID:	JC27765-3	**Date Sampled:**	09/13/16
Matrix:	AQ - Influent	**Date Received:**	09/15/16
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	100%		84-119%
460-00-4	4-Bromofluorobenzene	94%		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-20160913		
Lab Sample ID:	JC27765-3	**Date Sampled:**	09/13/16
Matrix:	AQ - Influent	**Date Received:**	09/15/16
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	UV133441.D	1	09/19/16	HT	n/a	n/a	GUV5371
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	0.10	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
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-20160913		
Lab Sample ID:	JC27765-3	**Date Sampled:**	09/13/16
Matrix:	AQ - Influent	**Date Received:**	09/15/16
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	2Z57700.D	1	09/21/16	TL	09/19/16	OP97100	G2Z2172
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)	0.121	0.083	0.064	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	73%		36-144%
16416-32-3	Tetracosane-d50	70%		32-138%
438-22-2	5a-Androstane	69%		31-136%

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:	JC27765-4	**Date Sampled:**	09/13/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/15/16
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	2A171417.D	1	09/21/16	BK	n/a	n/a	V2A7263
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	5.0	ug/l	
71-43-2	Benzene	ND	0.50	0.14	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.22	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.46	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.55	ug/l	
75-25-2	Bromoform	ND	1.0	0.34	ug/l	
74-83-9	Bromomethane	ND	2.0	0.46	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	1.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.28	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	1.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.28	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.54	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.17	ug/l	
75-00-3	Chloroethane	ND	1.0	0.44	ug/l	
67-66-3	Chloroform	ND	1.0	0.23	ug/l	
74-87-3	Chloromethane	ND	1.0	0.96	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.18	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.29	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.41	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.22	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.23	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.70	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.21	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.39	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.20	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.31	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.36	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	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:	JC27765-4	**Date Sampled:**	09/13/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/15/16
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	0.28	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.42	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.19	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.22	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.34	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.28	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.39	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.17	ug/l	
100-42-5	Styrene	ND	1.0	0.27	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	3.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.23	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.23	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.17	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.22	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.26	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.58	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.75	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.26	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.32	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.33	ug/l	
	m,p-Xylene	ND	1.0	0.42	ug/l	
95-47-6	o-Xylene	ND	1.0	0.21	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.21	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:	JC27765-4	**Date Sampled:**	09/13/16
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/15/16
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	101%		84-119%
460-00-4	4-Bromofluorobenzene	96%		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: JC27765
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

CHAIN OF CUSTODY

PAGE 1 OF 1

JC27765

Client / Reporting Information

Company Name: Global Partners LP Attn: Eric Harvey
Street Address: 15 NE Industrial Road
City: Branford, State: CT, Zip: 06405
Project Contact: Jen Kugler, E-mail:
Phone #: 856-330-9410, Fax #:
Sampler's Name: E. Miller, Phone #: 856-693-9200

Project Information

Project Name: Be A Xtra Fuels PO#207805
Street: 2476 Churchville Rd.
City: Bel Air, State: MD
Project #: 149727.003
Client Purchase Order #:
Project Manager: Jen Kugler
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; OIL - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WIPE - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH Vial #	Date	Time	Sampled by	Matrix	# of bottles	VOCs, MTBE, TBA	TPH GRO (8015B)	TPH DRO (8015B)	LAB USE ONLY
1	FB- 20160913		9/13/16	0930	EM	FB	2	X			
2	SYS-EFF- 20160913		9/13/16	0920	EM	GW	7	X	X	X	E97
3	SYS-INF- 20160913		9/13/16	0925	EM	GW	7	X	X	X	V1170
4	TRIP BLANK		—	—	/	TB	2	X			

Turnaround Time - Business days:
- ☐ Std. 15 Business Days
- ☒ Std. 15 Business Days (by Contract only)
- ☐ 10 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day EMERGENCY
- ☐ 2 Day EMERGENCY
- ☐ 1 Day EMERGENCY

Emergency & Rush T.A.T. dates are subject to Lab approval.

Approved By (Accutest PM) - Date:
7 day by Will contract

Data Deliverable Information:
- ☐ Commercial "A" (Level 1)
- ☐ Commercial "B" (Level 2)
- ☐ FULL T1 (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 ZA TH
LABEL VERIFICATION TH
200ml DRO ZA

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	9/14/16	1	2	9-15-16 1815	2
Relinquished by Sampler	Date Time:	Received By:	Relinquished By	Date Time	Received By:
3		3 9-15-16 1010	4		4
Relinquished by	Date Time:	Received By:	Custody Seals	Preservation (where applicable)	On Ice: ✓ Cooler Temp: 3.0
5		5	☐ Intact ☐ Not Intact		

JC27765: Chain of Custody
Page 1 of 2

SGS Accutest Sample Receipt Summary

Job Number: JC27765 **Client:** _____ **Project:** _____

Date / Time Received: 9/15/2016 6:15:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.9);

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 or 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 or 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

4.2

4

JC27765: 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

148727.005.003.1028

SGS Accutest Job Number: JC28753

Sampling Date: 09/30/16

Report to:

Puritan Oil Company, Inc.
221 Quinebaug Rd P.O. Box 866
North Grosvenordale, CT 06255
viktoriya.pushkova@sgs.com

ATTN: Eric Harvey

Total number of pages in report: **18**

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, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (L-A-B L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest.
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.

SGS ACCUTEST

October 10, 2016

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

RE: SGS Accutest –Dayton, Job # JC28753- Reissues

Dear Mr. Harvey,

The final report for SGS Accutest job number JC28753 has edited to reflect corrections to the data package. These edits have been incorporated into the revised report attached.

Specifically, the drinking water result of JC28753-1 was not reported due to reviewing error. This information has been retrieved and is included in this revised report.

SGS Accutest apologizes for this occurrence and for any inconvenience this situation may have caused. Please contact me at (732) 355-4553 if I can be of further assistance in this matter.

Sincerely,

V. Pushkova

Viktoriya Pushkova

Project Manager

SGS Accutest

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SGS Accutest

Sample Summary

Drake Petroleum Company, Inc.

Job No: JC28753

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 148727.005.003.1028

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JC28753-1	09/30/16	11:15	EM	09/30/16	DW	Drinking Water	2401ACHVL-20160930
JC28753-2	09/30/16	11:30	EM	09/30/16	DW	Drinking Water FB	FB-20160930
JC28753-3	09/30/16	11:30	EM	09/30/16	DW	Drinking Water TB	TRIP BLANK

2

Summary of Hits

Job Number: JC28753
Account: Drake Petroleum Company, Inc.
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 09/30/16

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC28753-1	**2401ACHVL-20160930**					
Chloroform		0.27 J	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		6.1 J			ug/l	
JC28753-2	**FB-20160930**					
Acetone		2.1 J	5.0	0.91	ug/l	EPA 524.2 REV 4.1
Methylene chloride		0.070 J	0.50	0.047	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		1.2 J			ug/l	
JC28753-3	**TRIP BLANK**					
Acetone		1.4 J	5.0	0.91	ug/l	EPA 524.2 REV 4.1

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	2401ACHVL-20160930		
Lab Sample ID:	JC28753-1	**Date Sampled:**	09/30/16
Matrix:	DW - Drinking Water	**Date Received:**	09/30/16
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	1B105921.D	1	10/03/16	RS	n/a	n/a	V1B5030
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
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:	2401ACHVL-20160930		
Lab Sample ID:	JC28753-1	**Date Sampled:**	09/30/16
Matrix:	DW - Drinking Water	**Date Received:**	09/30/16
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:	2401ACHVL-20160930		
Lab Sample ID:	JC28753-1	**Date Sampled:**	09/30/16
Matrix:	DW - Drinking Water	**Date Received:**	09/30/16
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	95%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
109-99-9	Furan, tetrahydro-	10.16	6.1	ug/l	JN
	Total TIC, Volatile		6.1	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:	FB-20160930		
Lab Sample ID:	JC28753-2	**Date Sampled:**	09/30/16
Matrix:	DW - Drinking Water FB	**Date Received:**	09/30/16
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	1B105922.D	1	10/03/16	RS	n/a	n/a	V1B5030
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	2.1		5.0	0.91	ug/l	J
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-20160930		
Lab Sample ID:	JC28753-2	**Date Sampled:**	09/30/16
Matrix:	DW - Drinking Water FB	**Date Received:**	09/30/16
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	0.070	5.0	0.50	0.047	ug/l	J
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:	FB-20160930		
Lab Sample ID:	JC28753-2	**Date Sampled:**	09/30/16
Matrix:	DW - Drinking Water FB	**Date Received:**	09/30/16
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%		78-114%
460-00-4	4-Bromofluorobenzene	94%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	unknown	9.52	.57	ug/l	J
141-78-6	Ethyl Acetate	9.79	.63	ug/l	JN
	Total TIC, Volatile		1.2	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:	TRIP BLANK		
Lab Sample ID:	JC28753-3	**Date Sampled:**	09/30/16
Matrix:	DW - Drinking Water TB	**Date Received:**	09/30/16
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	1B105923.D	1	10/03/16	RS	n/a	n/a	V1B5030
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	1.4		5.0	0.91	ug/l	J
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:	TRIP BLANK		
Lab Sample ID:	JC28753-3	**Date Sampled:**	09/30/16
Matrix:	DW - Drinking Water TB	**Date Received:**	09/30/16
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:	TRIP BLANK		
Lab Sample ID:	JC28753-3	**Date Sampled:**	09/30/16
Matrix:	DW - Drinking Water TB	**Date Received:**	09/30/16
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	94%		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

DW
FB
TB

CHAIN OF CUSTODY

PAGE 1 OF 1

225 Route 130 - Dayton, NJ 08810
TEL 732-329-0200 FAX 732-329-3499
www.accutest.com

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: JC28753

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)	Matrix Codes
Company Name: Global Partners LP Attn: Eric Ramey	Project Name: Bel Air Xtra Fuels PC#027905		DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OL - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank
Street Address: 15 NE Industrial RD	Street: 2476 Churchville Rd.	Billing Information (if different from Report to):	
City: Branford State: CT Zip: 06405	City: Bel Air State: MD	Company Name:	
Project Contact: Jen Maciejewski E-mail: jmaciejewski@brwncald.com	Project #: 148777.005.003.1028	Street Address:	
Phone #: 856-330-9410 Fax #:	Chain Purchase Order #:	City: State: Zip:	
Sampler(s) Name(s): C. Miller Phone #: 8568033760	Project Manager: Jen Maciejewski	Analyst:	

Volatile Organics - Drinking Water and Field

Accutest Sample #	Field ID / Point of Collection	MEOH Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	VOA	Number of preserved Bottles: NaOH	HNO3	H2SO4	NaOH	DI Water	MeOH	EnCore	LAB USE ONLY
1	2401ACHVL-20160930		9/30/16	1115	Em	DW	3	3								V115
2	FB-20160930		9/30/16	1130	Em	FB	2	2								
3	TRIP BLANK		—	—	—	TB	2	2								

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:

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

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

Comments / Special Instructions:
INITIAL ASESSMENT 3A Dem
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	9/30/16	1 Fedex Temp 09-30-16	2 Fedex Temp	9-30-16 1710	2
3		3	4		4
5		5			

Custody Seal #: 840 Intact / Not Intact; Preserved where applicable; On Ice; Cooler Temp: 3.1 C

JC28753: Chain of Custody
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SGS Accutest Sample Receipt Summary

Job Number: JC28753 **Client:** _____ **Project:** _____

Date / Time Received: 9/30/2016 5:10:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.1);

Cooler Temps (Corrected) °C: Cooler 1: (4.0);

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

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JC28753: Chain of Custody
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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

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)
	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			
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			

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-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			
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			
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

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)
	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
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

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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)
	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			
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

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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)
	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
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			

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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-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						
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						

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-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
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	-	-	-

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-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

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
	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
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**
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
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	-	-	-	-	-	-	-	-	-	-

TABLE 2
GROUNDWATER LABORATORY ANALYTICAL RESULTS TABLE
BEL AIR XTRA FUELS
BEL AIR, MARYLAND

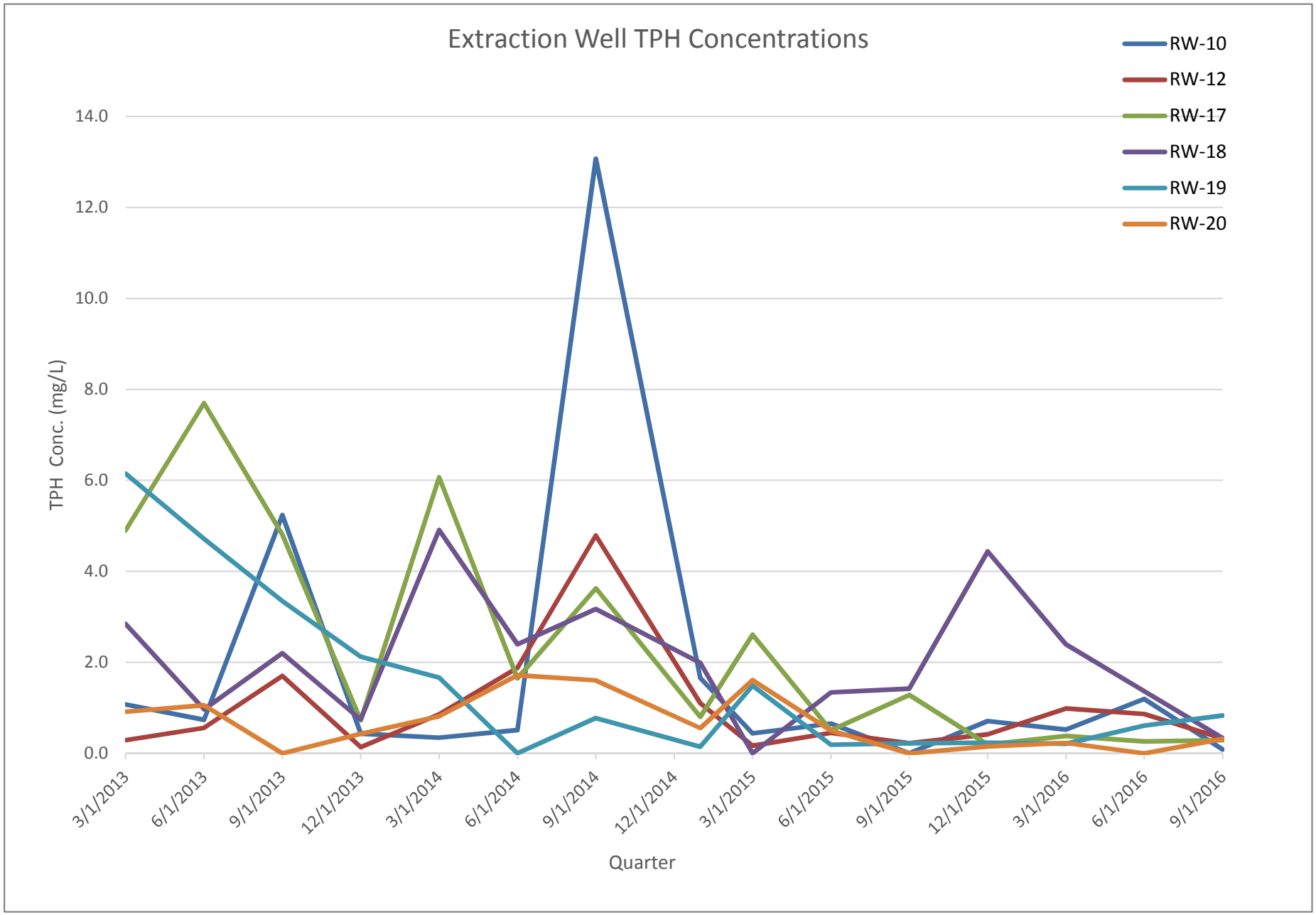
Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Product (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)
GW Clean-up Standards for Type I and II Aquifers						5	1,000	700	10,000	NA	20	47	47
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	-	-	-	-	-	-	-	-	-	-

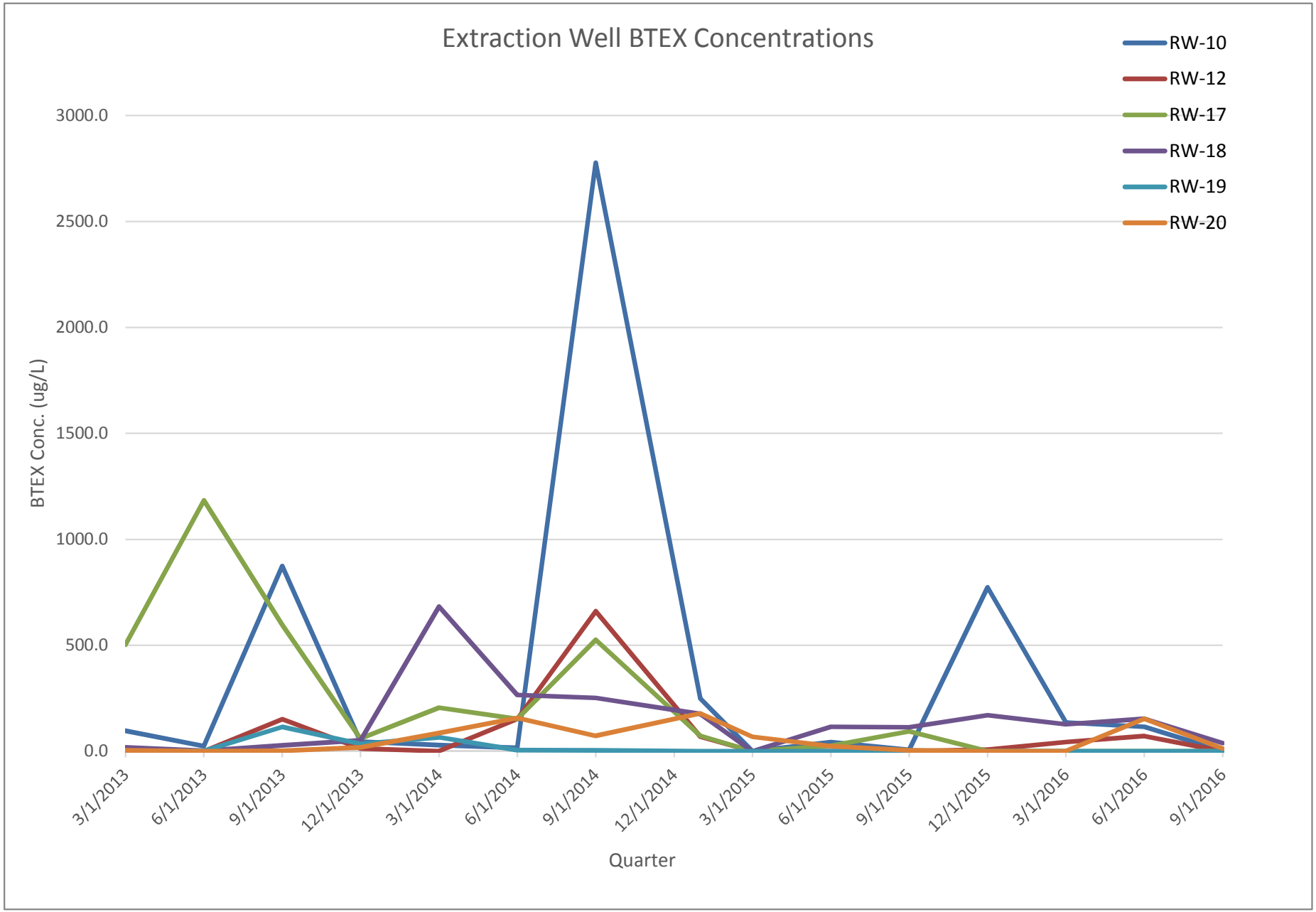
All samples were placed on ice in a cooler and transported under a Chain of Custody to Accutest Laboratories of Dayton, NJ. All samples were analyzed within the applicable holding time with a dilution of 10% Hydrochloric Acid (HCL) as a preservative. All samples were sampled using a disposable bailer & 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).

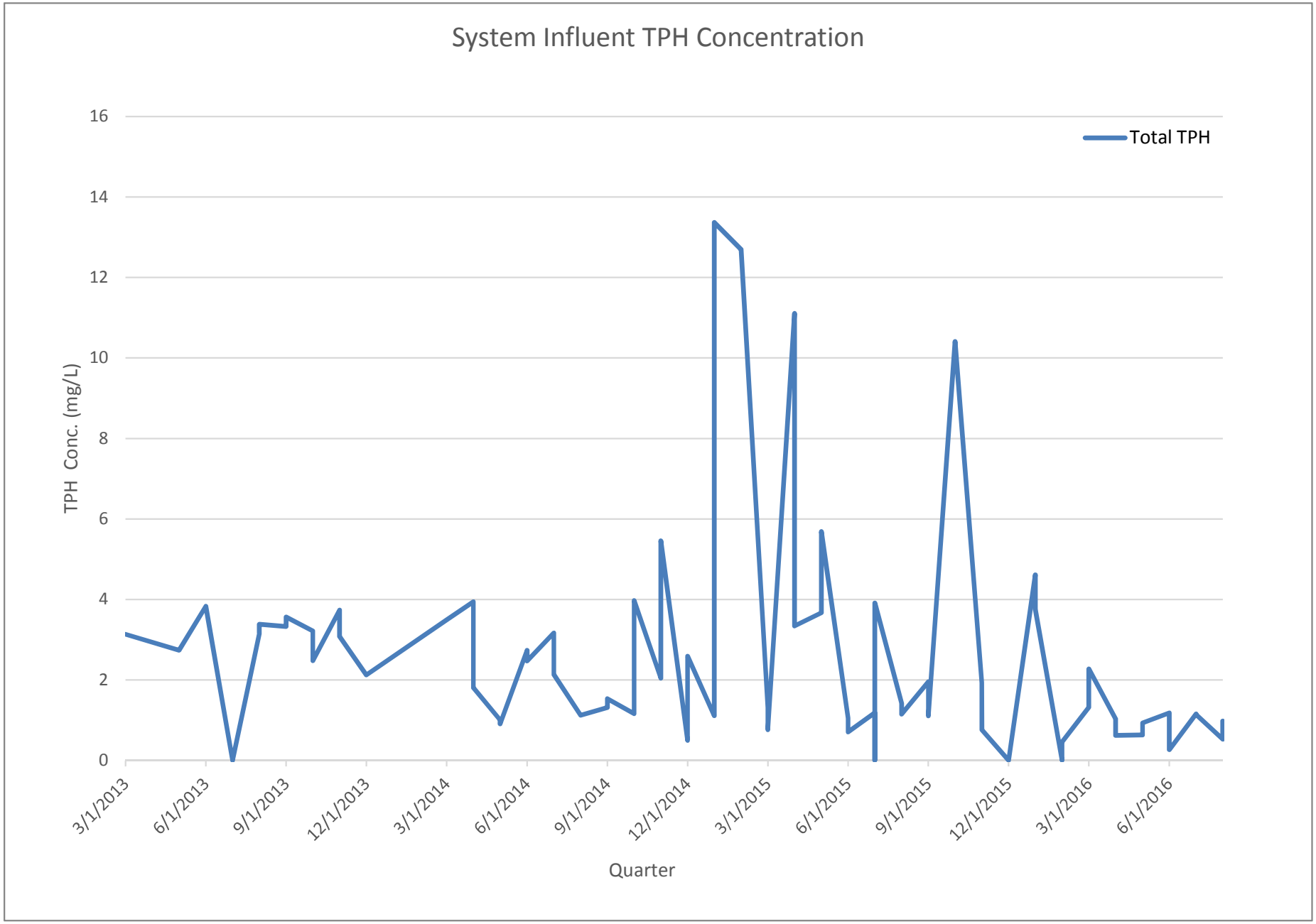
Bolded values indicate concentrations above MDE standards.

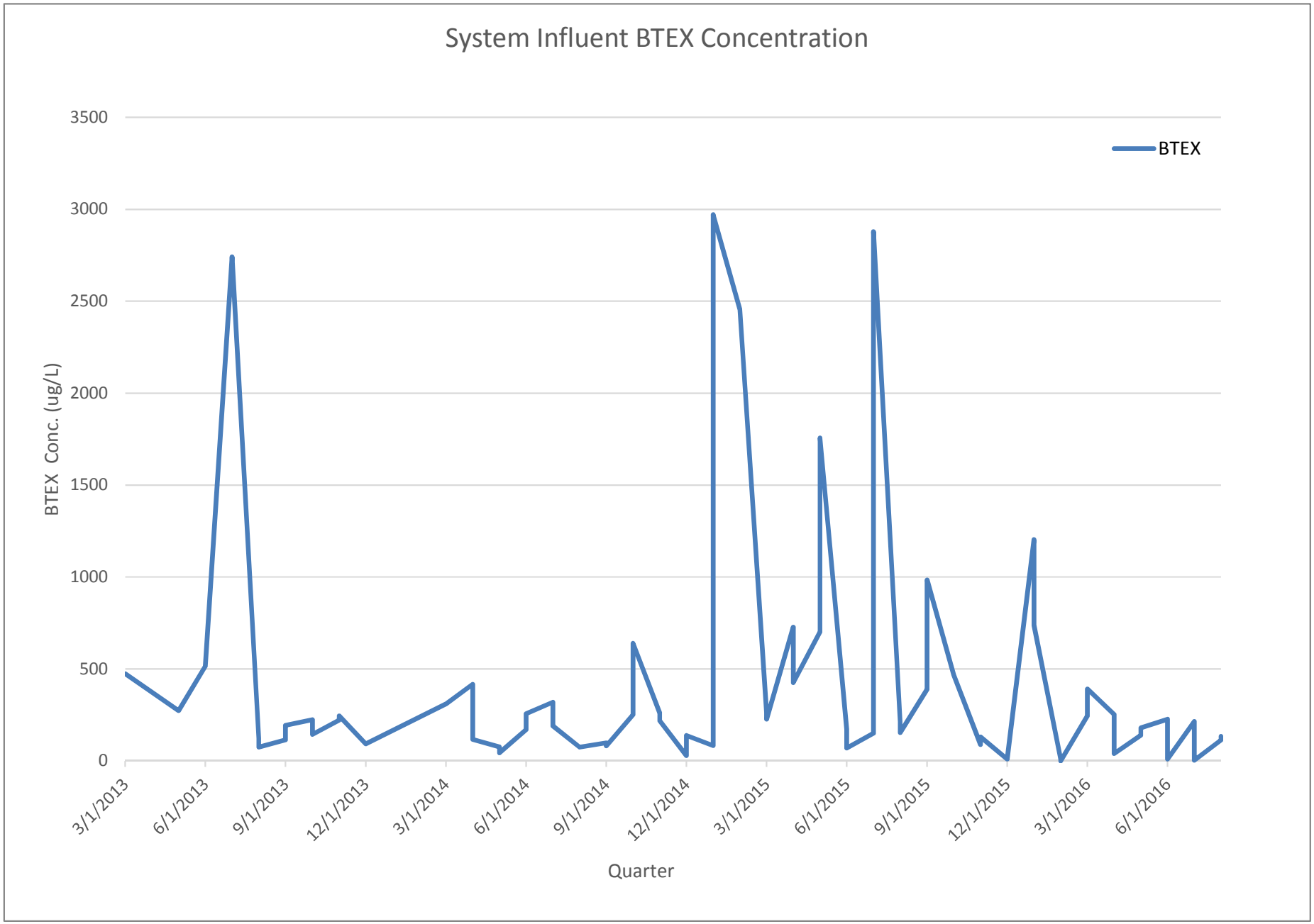
<# or ND(#)	= Less than the method detection limit of #
µg/L	= Micrograms/liter
BTEX	= Benzene, toluene, ethylbenzene, xylenes
J	= Estimated Concentration
MTBE	= Methyl-tertiary Butyl-ether
NA	= Not Available or not analyzed for that specific compound
ND	= Not detected above laboratory method detection 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

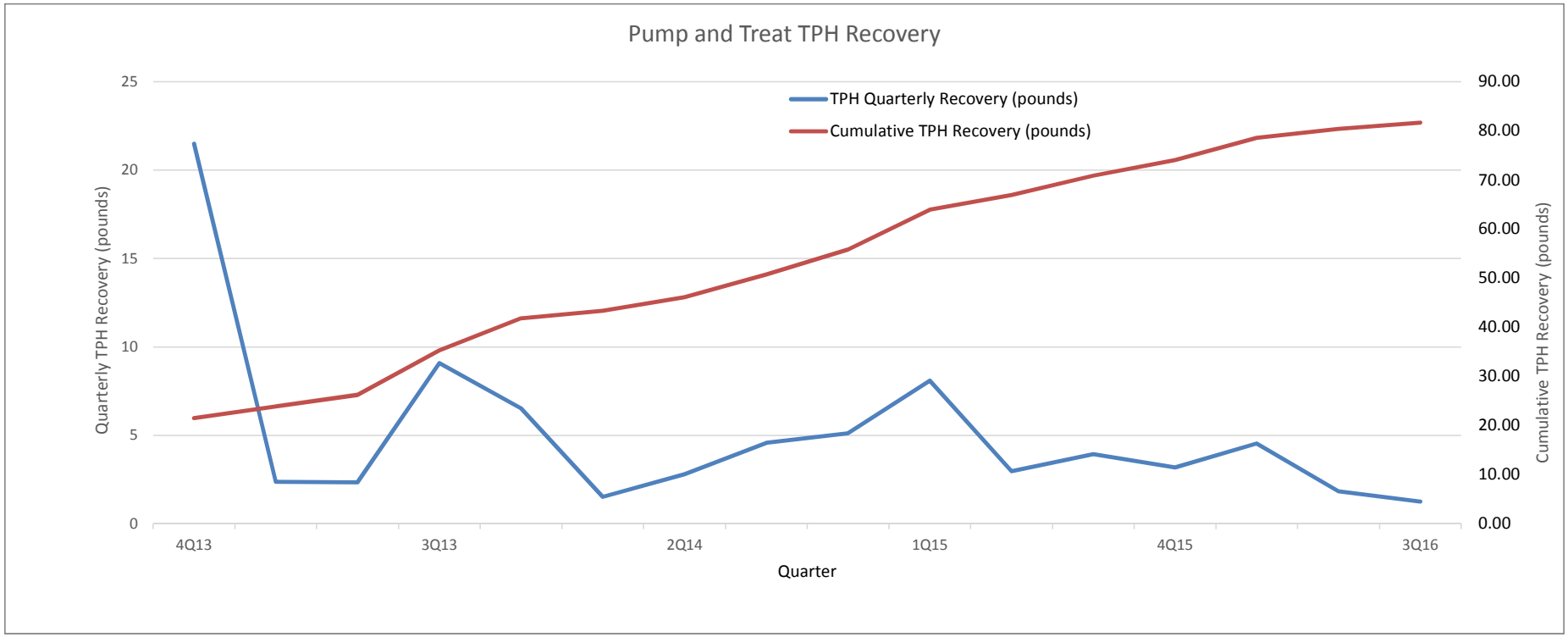
Appendix C: Groundwater and System Recovery Concentration Trend Charts

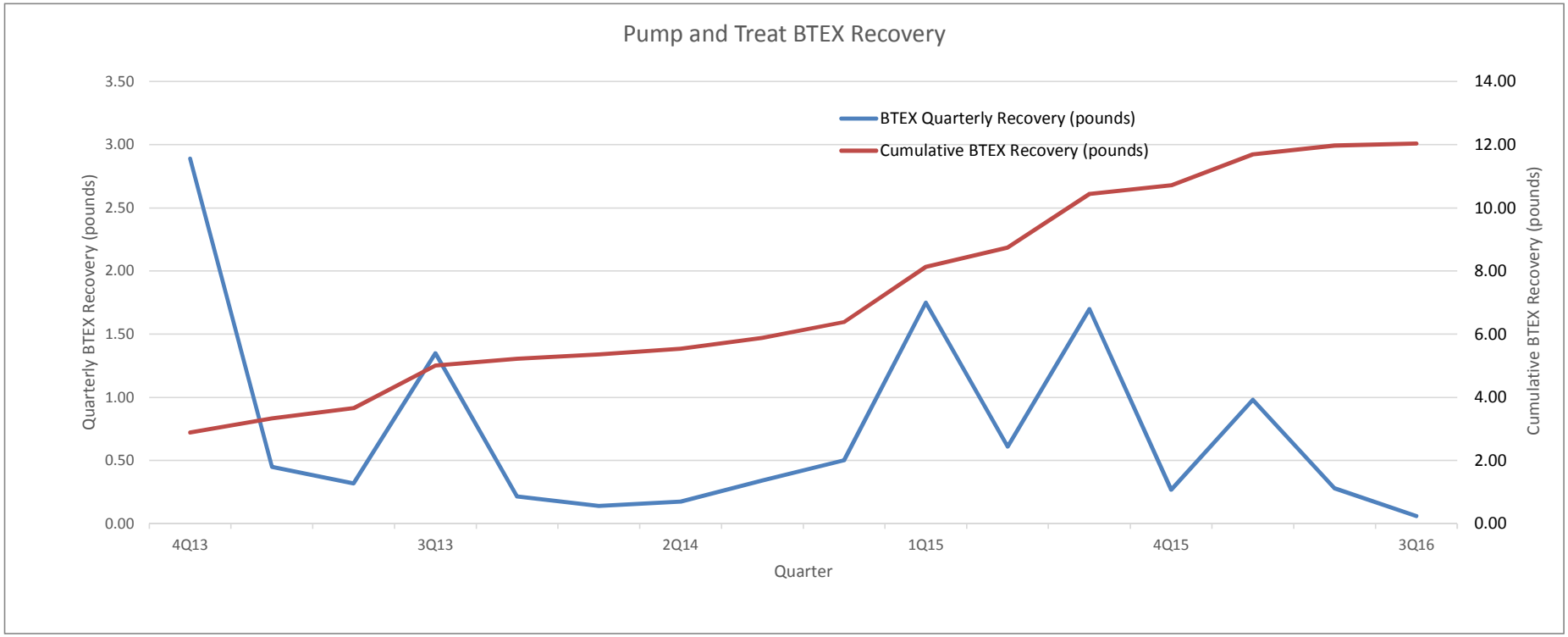

Extraction Well TPH Concentrations
RW-10
RW-12
RW-17
RW-18
RW-19
RW-20
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
TPH Conc. (mg/L)
3/1/2013
6/1/2013
9/1/2013
12/1/2013
3/1/2014
6/1/2014
9/1/2014
12/1/2014
3/1/2015
6/1/2015
9/1/2015
12/1/2015
3/1/2016
6/1/2016
9/1/2016
Quarter

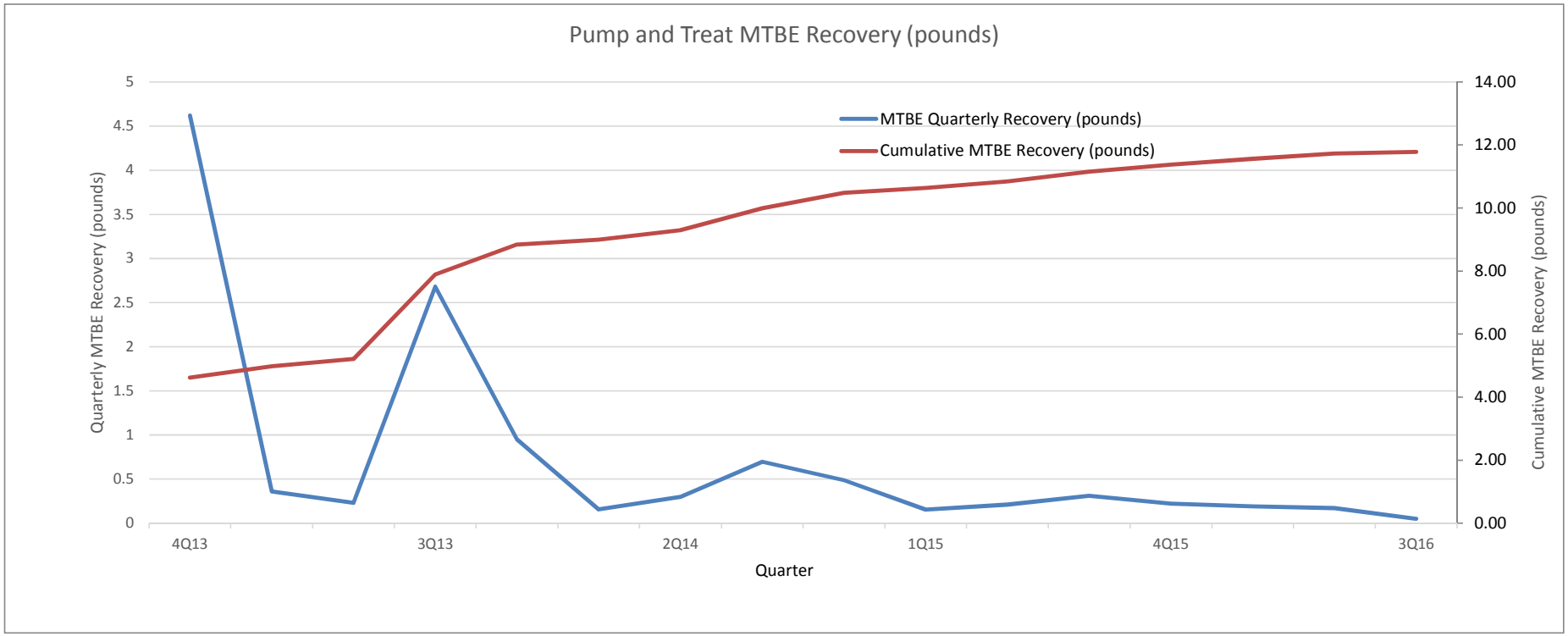

Extraction Well BTEX Concentrations
RW-10
RW-12
RW-17
RW-18
RW-19
RW-20
3000.0
2500.0
2000.0
1500.0
1000.0
500.0
0.0
BTEX Conc. (ug/L)
3/1/2013
6/1/2013
9/1/2013
12/1/2013
3/1/2014
6/1/2014
9/1/2014
12/1/2014
3/1/2015
6/1/2015
9/1/2015
12/1/2015
3/1/2016
6/1/2016
9/1/2016
Quarter

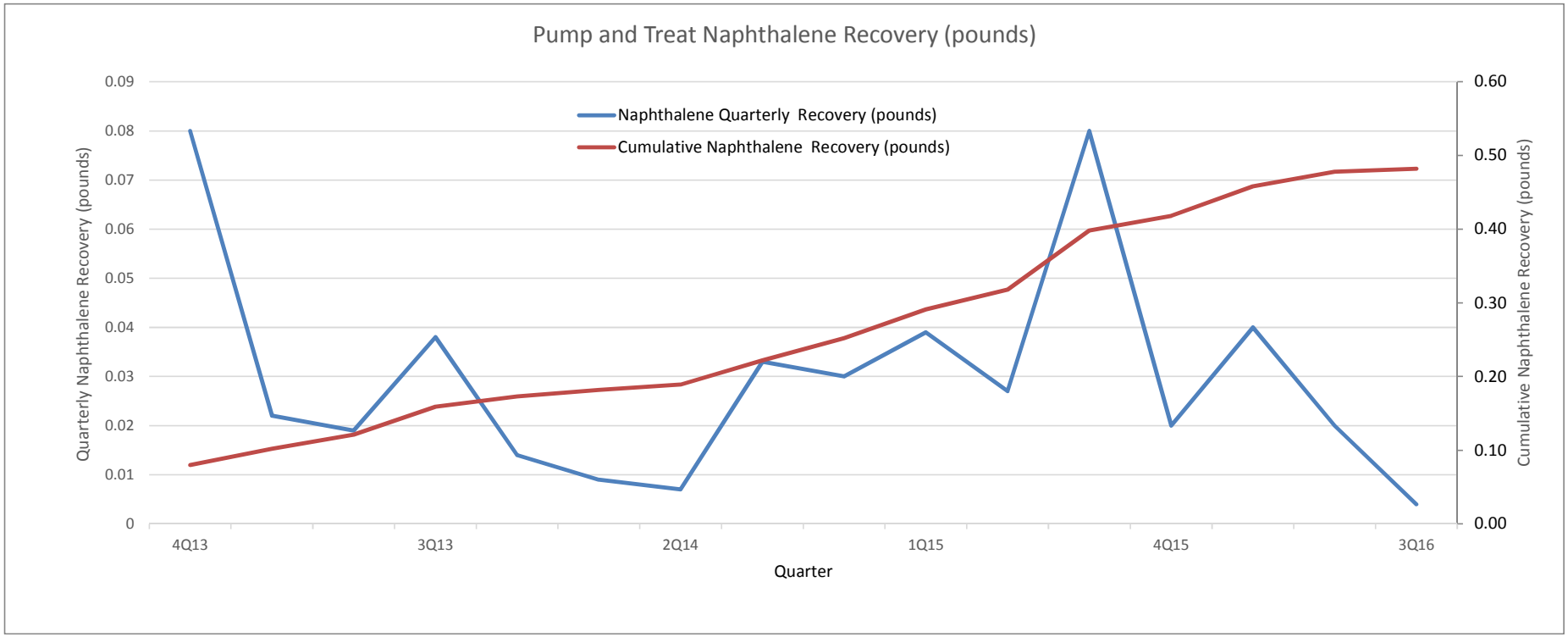

System Influent TPH Concentration
Total TPH
TPH Conc. (mg/L)
16
14
12
10
8
6
4
2
0
3/1/2013
6/1/2013
9/1/2013
12/1/2013
3/1/2014
6/1/2014
9/1/2014
12/1/2014
3/1/2015
6/1/2015
9/1/2015
12/1/2015
3/1/2016
6/1/2016
Quarter

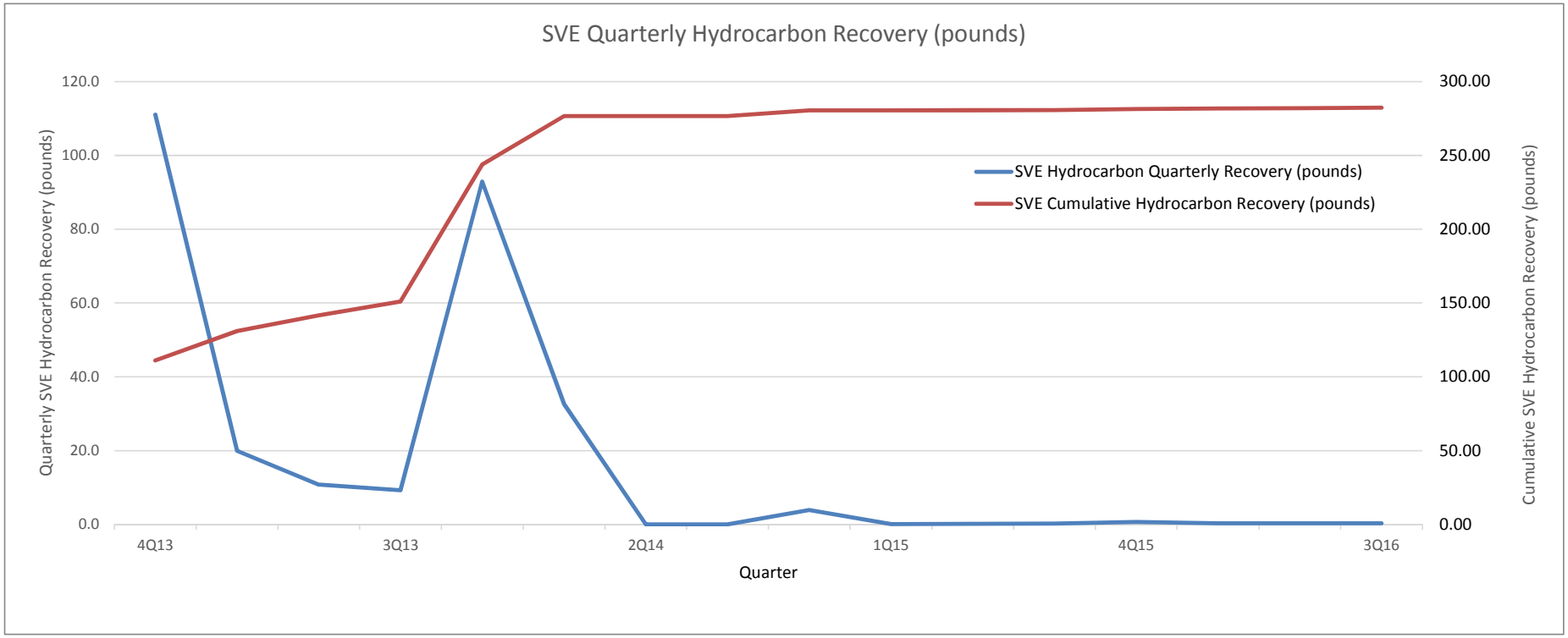

System Influent BTEX Concentration
BTEX
BTEX Conc. (ug/L)
3500
3000
2500
2000
1500
1000
500
0
3/1/2013
6/1/2013
9/1/2013
12/1/2013
3/1/2014
6/1/2014
9/1/2014
12/1/2014
3/1/2015
6/1/2015
9/1/2015
12/1/2015
3/1/2016
6/1/2016
Quarter


Pump and Treat TPH Recovery
TPH Quarterly Recovery (pounds)
Cumulative TPH Recovery (pounds)
Quarterly TPH Recovery (pounds)
Cumulative TPH Recovery (pounds)
25
20
15
10
5
0
90.00
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
4Q13
3Q13
2Q14
1Q15
4Q15
3Q16
Quarter


Pump and Treat BTEX Recovery
BTEX Quarterly Recovery (pounds)
Cumulative BTEX Recovery (pounds)
Quarterly BTEX Recovery (pounds)
Cumulative BTEX Recovery (pounds)
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
4Q13
3Q13
2Q14
1Q15
4Q15
3Q16
Quarter


Pump and Treat MTBE Recovery (pounds)
MTBE Quarterly Recovery (pounds)
Cumulative MTBE Recovery (pounds)
Quarterly MTBE Recovery (pounds)
Cumulative MTBE Recovery (pounds)
Quarter
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
4Q13
3Q13
2Q14
1Q15
4Q15
3Q16


Pump and Treat Naphthalene Recovery (pounds)
Naphthalene Quarterly Recovery (pounds)
Cumulative Naphthalene Recovery (pounds)
Quarterly Naphthalene Recovery (pounds)
Cumulative Naphthalene Recovery (pounds)
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0.60
0.50
0.40
0.30
0.20
0.10
0.00
4Q13
3Q13
2Q14
1Q15
4Q15
3Q16
Quarter


SVE Quarterly Hydrocarbon Recovery (pounds)
Quarterly SVE Hydrocarbon Recovery (pounds)
Cumulative SVE Hydrocarbon Recovery (pounds)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
300.00
250.00
200.00
150.00
100.00
50.00
0.00
4Q13
3Q13
2Q14
1Q15
4Q15
3Q16
Quarter
SVE Hydrocarbon Quarterly Recovery (pounds)
SVE Cumulative Hydrocarbon Recovery (pounds)