Drake Petroleum Company, Inc.

Site Status Report: Second Quarter 2022

Bel Air Xtra Fuels
2476 Churchville Road, Bel Air Maryland 21028
MDE Case #2011-0112-HA and 2013-0007-HA
Facility I.D. No. 12391

August 4, 2022

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2476 Churchville Road
Bel Air, Maryland 21028
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Prepared for:
Drake Petroleum Company, Inc.
15 NE Industrial Road
Branford, Ct 06405

Prepared by:
Groundwater & Environmental Services, Inc.
1350 Blair Drive, Suite H2
Odenton, MD 21113
TEL: 800-220-3606
www.gesonline.com

GES Project:
0403388.16.122

GES PSID# 933230

Date:
August 4, 2022

Scott Andresini
Senior Project Manager

Andrea Taylorson-Collins
Principal Project Manager/ Environmental Scientist

August 4, 2022

Susan Bull
Maryland Department of the Environment
Oil Control Program
1800 Washington Blvd
Baltimore, MD 21230

Re: Site Status Report: Second Quarter 2022
Former Bel Air Xtra Fuels No. 7805
2476 East Churchville Road, Bel Air, Maryland
MDE Case #2011-0112-HA and 2013-0007-HA
Facility I.D. No. 12391

Dear Ms. Bull:

Groundwater & Environmental Services, Inc. (GES), on behalf of Drake Petroleum Company, Inc. (Drake), is submitting the attached Second Quarter 2022 Site Status Report for the above referenced Site, Former Bel Air Xtra Fuels No. 7805. The report contains groundwater monitoring data for the Site and potable well data for 2303 Churchville road and the point of entry treatment (POET) system for 1 Meadow Spring Drive corresponding to the period of April 1, 2022 through June 30, 2022 as directed by the Maryland Department of the Environment (MDE) in the Consent Order dated October 11, 2016. Activities this quarter included:

- On June 20, 2022, the monitoring well network was gauged and ten (10) groundwater monitoring wells: MW-7R, MW-14, MW-16S, MW-16I, MW-17S, MW-17I, MW-17D, MW-21S, MW-21I, and MW-21D were sampled;
- GES collected the quarterly POET system samples (influent, mid-point, and effluent) from 1 Meadow Spring Drive; and
- GES collected a potable drinking water well sample from 2303 Churchville Rd.

During the second quarter 2022 methyl tertiary butyl ether (MTBE) was detected above the MDE Clean-Up Standards for Type I and II Aquifers (MDE Standards) in the influent sample of the POET system at 1 Meadow Spring Drive at a concentration of 270 micrograms per liter (µg/L). This is an overall stable trend with the concentration fluctuating with local groundwater elevation trends. Benzene and Tert butyl alcohol (TBA) were detected in the influent sample at concentrations of 0.28 µg/L and 83.5 µg/L, respectively. The MDE has no standard for TBA and benzene was reported below the MDE standard (5 µg/L). The remaining constituents in the influent sample were detected below their respective MDE Standards, had no MDE Standard available, and/or were not detected above the laboratory method detection limit. All analyzed compounds within the POET mid-point and effluent samples were not detected above laboratory method detection limits during the Second Quarter 2022 sampling event or were below MDE standards.

The potable drinking water well at 2303 Churchville Road did not have any exceedances of MDE standards for any constituents. MTBE was detected at lab-estimated values between the method detection level and reporting level at 0.23 µg/L.

During the Second Quarter 2022 groundwater sampling event on June 20, 2022 the following analytical results were observed: Benzene was not detected in the source area monitoring well MW-7R. Benzene was detected exceeding the MDE Standard (5 µg/L) in monitoring wells MW-16S, MW-16I, MW-21S, and MW-21I at concentrations of 34.5 µg/L, 25.2 µg/L, 15.1 µg/L and 21.6 µg/L; respectively. Toluene did not exceed the MDE standard of 1,000 µg/L. Ethylbenzene exceeded the MDE Standard of 700 µg/L in source area monitoring well MW-7R at a concentration of 1,430 µg/L. Total xylenes did not exceed the MDE standard of 10,000 µg/L. MTBE was detected exceeding the MDE Standard of 20 µg/L in monitoring wells MW-16S, MW-16I, MW-21S, MW-21I, and MW-21D at concentrations of 640 µg/L , 3,220 µg/L, 880 µg/L, 3,890 µg/L, and 444 µg/L; respectively. TPH-DRO was detected exceeding the MDE Standard of 47 µg/L in monitoring well MW-7R, MW-14, MW-16S, MW-16I, MW-21S, MW-21I, and MW-21D at concentrations of 3,970 µg/L, 106 µg/L, 192 µg/L, 115 µg/L, 179 µg/L, 166 µg/L, and 107 µg/L respectively. TPH-DRO was not detected above laboratory method detection limits in monitoring wells MW-17S, MW-17I, and MW-17D; however, the method detection limits of 53 µg/L, 92.5 µg/L, and 306 µg/L exceeded the MDE Standard. TPH-GRO was detected exceeding the MDE Standard of 47 µg/L in monitoring wells MW-7R, MW-14, MW-16S, MW16I, MW-21S, MW-21I, and MW-21D at concentrations of 17,300 µg/L, 110 µg/L, 923 µg/L, 3,830 µg/L, 1,100 µg/L, 4,400 µg/L and 570 µg/L; respectively. TPH-GRO was not detected above laboratory method detection limits in monitoring wells MW-17S, MW-17I, and MW-17D; however, the method detection limits of 110 µg/L exceeded the MDE Standard of 47 µg/L.

Overall continued stable concentrations were observed in downgradient groundwater monitoring wells and the potable wells since the tanks were removed although there is continued seasonal variation observed related to groundwater depth. The source area groundwater monitoring well, MW-7R, had a significant decrease in concentrations since the removal of the tanks, but is currently stable.

During the third quarter of 2022, all groundwater monitoring wells will be gauged and the following seven (7) groundwater monitoring wells will be sampled: MW-7R, MW-14, MW-16S/I, MW-21S/I/D. In addition to the monitoring well sampling, samples will be collected from the POET system at 1 Meadow Spring Drive. The groundwater monitoring well samples will be analyzed for full suite volatile organic compounds (VOCs) via Environmental Protection Agency (EPA) Method 8260 and total petroleum hydrocarbons – diesel range organics (TPH-DRO) and total petroleum hydrocarbons – gasoline range organics (TPH-GRO) via EPA Method 8015. The POET samples (influent, mid-fluent, and effluent) from 1 Meadow Spring Drive will be analyzed for full suite VOCs via EPA Method 524.2.

GES appreciates the continued guidance of the MDE on this project. If you have any questions or require additional information, please contact the undersigned at (800) 220-3606 extension 3740 or 3703, respectively.

Sincerely,

GROUNDWATER & ENVIRONMENTAL SERVICES, INC.

Scott Andresini
Senior Project Manager

Andrea Taylorson-Collins
Principal Project Manager

Cc: Jeff McCullough, P.E., Drake Petroleum (JMcCullough@globalp.com)– via email
Florence Rosen, President, Campus Hills Mgmt. Inc., Rosen Assoc. Mgmt. Corp. (florencer@rosenmgmt.com)– via e-mail
Gray & Associates, Richard Gray (richard@grayassoc.com) – via e-mail
Whiteford, Taylor & Preston, M. Trent Zivkovich (TZivkovich@wtplaw.com) –via e-mail
GES PSID# 933230

Figures

Tables

Appendices

Acronyms

BTEX	benzene, toluene, ethylbenzene and total xylenes
COC	constituent of concern
COMAR	Code of Maryland
CAP	Corrective Action Plan
EFR	enhanced fluid recovery
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
GES	Groundwater & Environmental Services, Inc.
GAC	granular activated carbon
HCHD	Harford County Health Department
HRGUA	high risk groundwater use area
LNAPL	light non-aqueous phase liquids
MDE	Maryland Department of the Environment
MTBE	methyl tertiary butyl ether
µg/L	micrograms per liter
NOV	Notice of Violation
ORC	oxygen release compound
PLC	product level control
POET	point of entry treatment
SCR	Site Characterization Report
SCRA	Site Characterization Report Addendum
SVE	soil vapor extraction
TBA	tert-butyl-alcohol
TPH-DRO	total petroleum hydrocarbons – diesel range organics
TPH-GRO	total petroleum hydrocarbons – gasoline range organics
UST	Underground storage tank
VOCs	volatile organic compounds

CONSULTANT:	GROUNDWATER & ENVIRONMENTAL SERVICES, INC. (GES)
PROJECT MANAGER:	ANDREA TAYLORSON-COLLINS / PRINCIPAL PROJECT MANAGER, GES
SITE MANAGER:	JEFF MCCULLOUGH/ MID-ATLANTIC ENVIRONMENTAL COMPLIANCE & REMEDIATION MANAGER, DRAKE PETROLEUM COMPANY (DRAKE)

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 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) groundwater 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 groundwater monitoring well and a remediation system.
03/92	A groundwater remediation system was installed using ten (10) groundwater monitoring wells, two (2) groundwater 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 well sampling in the vicinity of the site. Sampling was conducted and Volatile Organic Carbons (VOCs) related to gasoline were not detected. The 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 (NOV) NV-91-182B issued due to free-phase petroleum product present in groundwater 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 groundwater recovery well adjacent to groundwater monitoring well MW-1 and installation of a passive bailer in groundwater monitoring well MW-2.
01/94	Installation of the new groundwater recovery well RW-3.
04/94	Groundwater recovery well RW-3 connected to established remediation system. Passive bailer installed in groundwater 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 groundwater 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	Groundwater 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 two (2) groundwater monitoring wells, MW-7 and MW-9.
10/97	Pumps removed from groundwater recovery wells RW-1 and RW-3 and the system was reconfigured to include groundwater extraction from groundwater monitoring wells MW-1, MW-9, and groundwater 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 documented by the MDE to be temporarily out of service. All above ground equipment 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 groundwater recovery wells RW-1 and RW-3 and groundwater 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 groundwater monitoring well MW-7, and the accumulation of LNAPL in groundwater recovery well RW-3 and former groundwater 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.

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. 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 Petroleum Company (Drake), began sampling the network of twelve (12) groundwater monitoring wells and four (4) groundwater 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 Petroleum submitted a letter to Rosen stating they operate the USTs but Rosen owns and needs to register the USTs.

04/07 GES, on behalf of Drake, requests the MDE remove Drake from Responsible Party status.

05/07 MDE letter to Rosen and Drake Petroleum requiring a resolution of the ownership issue and register the USTs.

05/07 Drake Petroleum 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 groundwater monitoring wells MW-7 and MW-9, so these wells could be used for high risk groundwater use area (HRGUA) sampling.

11/09 New groundwater monitoring wells MW-10 and MW-11 installed for HRGUA sampling.

02/10 Site Characterization Report submitted to MDE documenting results of the installation of groundwater monitoring wells MW-10 and MW-11.

07/10 Warren Equities 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 Warren Equities.

11/10 Warren Equities submits letter to MDE stating that Drake is not the responsible party for MDE case #89-0972HA.

12/10 Site Characterization Report (SCR) submitted to MDE.

01/11 MDE requests a Site Characterization Report 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 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 groundwater-monitoring wells off-site.

08/11 GES installed four (4) new groundwater 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 well at 2319 Churchville Road was sampled.

08/11 SHA issued a right-of-way permit for the proposed nested well in the shoulder of Churchville Road on August 31, 2011.

09/11 Potable well at 2317 Churchville Road was sampled.

09/11 Feasibility Testing was conducted on September 8 and 9, 2011.

09/11 Potable well sampling results letter was submitted to the property owner at 2319 Churchville Road.

09/11 Potable 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 wells in the Churchville Road right of way.

10/11 GES, on behalf of Drake, submits CAP to MDE.

12/11 Groundwater 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 wells not listed in the MDE database on February 29, 2012 and the local area map was updated to reflect the potable wells found.

03/12 GES installed four (4) new groundwater 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 groundwater 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 groundwater 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 Petroleum 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 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 Point of entry treatment (POET) system installed on August 29, 2012 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 well completion logs and sampling results within a half mile radius of the Site.

09/12 Potable 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 well sampling at 2317 & 2319 Churchville Road occurred on September 6, 2012.

09/12 GES received approved Building Permit perform the Harford County Department of Permits.

09/12 Potable 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 well sampling at 7 Meadow Spring Drive, 9 Meadow Spring Drive, and 10 Meadow Spring Drive.

10/12 Monthly POET sampling (Influent, Mid 2 and Effluent) at 1 Meadow Spring Drive.

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.

10/12 Potable well sampling completed on October 16, 2012 at 7 Meadow Spring Drive, 9 Meadow Spring Drive and 10 Meadow Spring Drive.

10/12 GES received a State Water Appropriation Permit from the MDE.

10/12 GES responded to the MDE directive dated September 25, 2012 requesting potable well sampling at 7 Meadow Spring Drive, 9 Meadow Spring Drive, and 10 Meadow Spring Drive.

11/12 Potable well sampling results for 7 Meadow Spring Drive, 9 Meadow Spring Drive, and 10 Meadow Spring Drive were submitted to the MDE, Harford County Department of Health and the property owners.
GES conducted a system shakedown.

11/12 The MDE received the schedule for the system shakedown and start-up.

11/12 Monthly POET sampling (Influent, Mid 2 and Effluent) at 1 Meadow Spring Drive.

11/12 POET system results for 1 Meadow Spring Drive were submitted to the MDE, Harford County Department of Health and the property owners

11/12 GES sampled the effluent port of the system.

2012-2016 Activities completed during this period can be found within **Appendix B** as Brown & Caldwell conducted these activities.

11/16 GES decommissioned the VEGE remediation system on November 14, 2016.

11/16 Monitoring wells MW-7, MW/RW-10, MW-11, MW/RW-12, RW-17 and RW-20 were abandoned on November 18, 2016.

11/16 Quarterly groundwater sampling event conducted on November 29, 2016.

11-12/16 UST removal activities were completed including the removal of the five (5) USTs, product piping and dispensers with a total of 1,614.89 tons of non-native and impacted soils transported to Clean Earth of Greater Washington (11/28-12/8/16).

12/16 Quarterly potable well sampling event conducted at 2303, 2317, 2319, 2401 and 2401A Churchville Road and 3, 7, 9 and 10 Meadow Spring Drive occurred between November 30 and December 5, 2016. Additional heavy metals analysis was included during this sampling event from a sample closest to the point of entry and the outside spigot (two locations).

12/16 Quarterly POET sampling event conducted on 1 Meadow Spring Drive on December 2, 2016.

1/17 Potable well sampling results submitted to homeowners, Harford County Department of Health and the MDE on January 4, 2017.

1/17 Monitoring well MW-7 re-installed as monitoring well MW-7R on January 11, 2017.

1/17 UST Removal Activities Report submitted to MDE on January 19, 2017.

2/17 UST Removal Activities Report Addendum submitted to MDE on February 22, 2017, including the additional excavation areas and the re-installation of monitoring well MW-7 as MW-7R.

2/17 Quarterly groundwater sampling event conducted on February 9, 2017.

2/17 Quarterly potable well sampling event conducted at 2303, 2317, 2319, 2401 and 2401 A Churchville Road and 3, 5, 7, 9 and 10 Meadow Spring Drive occurred on February 23, 2017.

2/17 Quarterly POET sampling event conducted at 1 Meadow Spring Drive on February 23, 2017.

3/17 Potable well sampling results submitted to homeowners, Harford County Health Department and the MDE on March 8, 2017.

5/17 Quarterly groundwater sampling event conducted on May 15 & 17, 2017.

5/17 Quarterly potable well sampling event conducted at 2303, 2317, 2319, 2401 and 2401A Churchville Road and 3, 5, 7, 9 and 10 Meadow Spring Drive occurred on May 15 & 17, 2017.

5/17 Quarterly POET sampling event conducted at 1 Meadow Spring Drive on May 15, 2017.

6/17 Potable well sampling results submitted to homeowners, Harford County Health Department and the MDE on June 7, 2017.

7/17 Carbon change-out of the POET system for 1 Meadow Spring Drive with Suburban Water Technologies, Inc. completed on July 13, 2017.

8/17 Quarterly potable well sampling event conducted at 2303, 2317, 2319, 2401 and 2401A Churchville Road and 3, 5, 7, 9 and 10 Meadow Spring Drive occurred on August 23, 2017.

8/17 Quarterly groundwater sampling event conducted on August 24, 2017.

11/17 Quarterly potable well sampling event conducted at 2303, 2317, 2319, 2401 and 2401A Churchville Rd., 1, 3, 5, 7, 9 and 10 Meadow Spring Dr. occurred on November 20 & 21, 2017.

11/17 Quarterly groundwater sampling event conducted on November 20, 2017.

2/18 Carbon change-out for 1 Meadow Spring Drive with Suburban Water Technologies, Inc. completed on February 7, 2018.

3/18 Quarterly groundwater sampling event conducted on March 5, 2018.

3/18 Quarterly POET sampling event of 1 Meadow Spring Drive on March 5, 2018.

3/18 On March 7, 2018 the MDE issued a Site Status and Modification to Sampling Letter. The MDE no longer required monitoring for metals; Private drinking water wells located at 2302, 2317, 2319, 2401 and 2401A Churchville Road are long longer required to be monitored; Annual monitoring for MW-8, MW-9, MW-15S, MW-15D, MW-16D, MW-17S, MW-17I, MW-17D, RW-18 and RW-19; Quarterly monitoring for MW-7R, MW-14, MW-16S, and MW-16I.

5/18 Quarterly POET Sampling event of 1 Meadow Spring Drive on May 30, 2018.

5/18 Quarterly monitoring for MW-7R, MW-14, MW-16S, and MW-16I on May 30, 2018.

8/18 Quarterly POET Sampling event of 1 Meadow Spring Drive on August 30, 2018

8/18 Quarterly monitoring for MW-7R, MW-14, MW-16S, and MW-16I on August 30, 2018; and continue quarterly data evaluation and reporting.

11/18 Annual monitoring for MW-7R, MW-8, MW-9, MW-14, MW-15S/D, MW-16S/I/D, MW-17S/I/D, MW-18 and RW-19 on November 20, 2019.

11/18 Quarterly POET Sampling event of 1 Meadow Spring Drive on November 20, 2018.

12/18 Carbon change out of POET system at 1 Meadow Spring Drive on December 18, 2018.
02/19 Quarterly groundwater sampling of monitoring wells MW-7R, MW-14, MW-16S and MW-16I on February 21, 2019.
02/19 Quarterly POET sampling event of 1 Meadow Spring Drive on February 21, 2019.
02/19 MDE Directive dated February, 15, 2019 received requiring further delineation to the west of the site, semi-annual monitoring of MW-17S, MW-17I and MW-17D, as well as semi-annual sampling of the potable well located at 2303 East Churchville Road.
02/19 Meeting with MDE, GES and Drake in attendance to discuss the current Site status and the MDE directive on February 28, 2019.
04/19 Delineation Work Plan submitted to the MDE on April 16, 2019.
05/19 Quarterly monitoring of monitoring wells MW-7R, MW-14, MW-16S, MW-16I, MW-17S, MW-17I, and MW-17D on May 16, 2019.
05/19 Quarterly POET sampling event of 1 Meadow Spring Drive on May 16, 2019.
05/19 Semi-Annual potable sampling at 2303 E. Churchville Road on May 16, 2019.
06/19 Carbon change out of POET system at 1 Meadow Spring Drive on June 6, 2019.
07/19 MDE approved the Horizontal and Vertical Delineation Work Plan dated April 19, 2019.
09/19 Quarterly monitoring of monitoring wells MW-7R, MW-14, MW-16S, MW-16I, MW-17S, MW-17I, and MW-17D on September 5, 2019.
09/19 Quarterly POET sampling event of 1 Meadow Spring Drive on September 5, 2019.
10/19 Carbon change out of POET system at 1 Meadow Spring Drive on October 9, 2019.
10/19 Monitoring well installation activities (MW-21S/I/D) completed from October 7-18, 2019.
12/19 Quarterly monitoring of monitoring wells MW-7R, MW-8, MW-9, MW-14, MW-15D, MW-15S, MW-16S, MW-16I, MW-16D, MW-17S, MW-17I, MW- 17D, MW-21S, MW-21I, MW-21D, RW-18, and RW-19 on December 20, 2019.
12/19 Quarterly POET sampling event of 1 Meadow Spring Drive on December 20, 2019.
12/19 Semi-Annual potable sampling at 2303 E. Churchville Road on December 20, 2019.
01/20 After the Fourth Quarter 2019 sampling event on December 20, 2019, it was brought to the attention of GES, that due to a lab error, the sample bottleware was broken at the lab and could not be analyzed. This resulted in monitoring well MW-7R having to be re-sampled on January 9, 2020.
02/20 A Monitoring Well Installation Summary Report was submitted to the MDE on February 20, 2020.
03/20 Quarterly groundwater sampling of monitoring wells MW-7R, MW-14, MW-16S, MW-16I, MW-21S, MW-21I and MW-21D on March 9, 2020.
03/20 Quarterly POET sampling event of 1 Meadow Spring Drive on March 9, 2020.
05/20 Carbon change out of POET system at 1 Meadow Spring Drive on October 9, 2019.
06/20 Quarterly groundwater sampling of monitoring wells MW-7R, MW-14, MW-16S, MW-16I, MW-17S, MW-17I, MW-17D, MW-21S, MW-21I and MW-21D on June 1, 2020.
06/20 Quarterly POET sampling event of 1 Meadow Spring Drive on June 1, 2020.
06/20 Semi-Annual potable sampling at 2303 E. Churchville Road on June 1, 2020.
06/20 MDE responded to an inquiry from Whiteford Taylor Preston LLP, related to a request for a vapor intrusion study prior to the potential occupancy of the former station building indicating: “Based upon the measured depth to groundwater, that has ranged from 12 to 17 feet below ground surface; the absence of LPH for over 15 years; and the additional remedial measure noted above, this site does not meet the parameters established by ITRC to require a vapor intrusion investigation.”
08/20 Quarterly groundwater sampling of monitoring wells MW-7R, MW-14, MW-16S, MW-16I, MW-21S, MW-21I and MW-21D on August 19, 2020.
8/20 Quarterly POET sampling event of 1 Meadow Spring Drive on August 19, 2020.
11/20 Carbon change out of POET system at 1 Meadow Spring Drive on November 16, 2020.
11/20 Quarterly groundwater sampling of monitoring wells MW-7R, MW-8, MW-9, MW-14, MW-15D, MW-15S, MW-16S, MW-16I, MW-16D, MW-17S, MW-17I, MW- 17D, MW-21S, MW-21I, MW-21D, RW-18, and RW-19 on November 19 and 20, 2020.
11/20 Quarterly POET sampling event at 1 Meadow Spring Drive on November 19, 2020.
11/20 Semi-Annual potable sampling at 2303 E. Churchville Road on November 19, 2020.

02/21 Quarterly groundwater sampling of monitoring wells MW-7R, MW-14, MW-16S, MW-16I, MW-21S, MW-21I, and MW-21D on February 17, 2021. MW-17S was unable to be gauged or sampled due to a large plowed pile of snow covering the well.
02/21 Quarterly POET sampling event at 1 Meadow Spring Drive on February 17, 2021.
05/21 Quarterly groundwater sampling of monitoring wells MW-7R, MW-14, MW-16S, MW-16I, MW-17S, MW-17I, MW-17D, MW-21S, MW-21I and MW-21D on May 3, 2021.
05/21 Quarterly POET sampling event of 1 Meadow Spring Drive on May 3, 2021.
05/21 Semi-Annual potable sampling at 2303 E. Churchville Road on May 3, 2021.
06/21 Carbon change out of POET system at 1 Meadow Spring Drive on June 30, 2021.
08/21 Quarterly groundwater sampling of monitoring wells MW-7R, MW-14, MW-16S, MW-16I, MW-21S, MW-21I and MW-21D on August 23, 2021.
08/21 Quarterly POET sampling event of 1 Meadow Spring Drive on August 23, 2021.
09/21 Carbon change out of POET system at 1 Meadow Spring Drive on September 14, 2021.
11/21 Annual groundwater sampling of monitoring wells MW-7R, MW-8, MW-9, MW-14, MW-15S, MW-15D, MW-16S, MW-16I, MW-16D, MW-17S, MW-17I, MW-17D, MW-21S, MW-21I, MW-21D, RW-18, and RW-19 on November 29 and 30, 2021.
11/21 Quarterly POET sampling event of 1 Meadow Spring Drive on November 30, 2021.
03/22 Quarterly groundwater sampling of monitoring wells MW-7R, MW-14, MW-16S, MW-16I, MW-21S, MW-21I, and MW-21D on March 24, 2022.
03/22 Quarterly POET sampling event of 1 Meadow Spring Drive on March 24, 2022.
06/22 Quarterly groundwater sampling of MW-7R, MW-14, MW-16S, MW-16I, MW-17S, MW-17I, MW-17D, MW-21S, MW-21I and MW-21D on June 20, 2022.
6/22 Semi-Annual potable sampling at 2303 E. Churchville Road on June 20, 2022.
06/22 Quarterly POET sampling event of 1 Meadow Spring Drive on June 20, 2022.
7/22 Carbon change out of POET system at 1 Meadow Spring Drive on July 15, 2022.

REPORTING PERIOD ACTIVITIES

WELL IDENTIFICATIONS:	Groundwater monitoring wells: MW-7R, MW-8, MW-9, MW-14, MW-15S/D, MW-16S/I/D, MW-17S/I/D, MW-21S/I/D, RW-18, and RW-19
GAUGING FREQUENCY:	Quarterly: MW-7R, MW-8, MW-9, MW-14, MW-15S/D, MW-16S/I/D, MW-17S/I/D, MW-21S/I/D, RW-18, and RW-19
GROUNDWATER SAMPLING FREQUENCY:	Quarterly (First and Third): MW-7R, MW-14, MW-16S/I, and MW-21S/I/D Semi-annually (Second Quarter): MW-7R, MW-14, MW-16S/I, MW-17S/I/D and MW-21S/I/D Annually (Fourth Quarter): MW-7RMW-8, MW-9, MW-14MW-15S/D, MW-16S/I/D, MW-17S/I/DMW-21S/I/DRW-18, and RW-19
POET & POTABLE SAMPLING FREQUENCY:	Quarterly – 1 Meadow Spring Drive (Carbon change out annually or as needed) Semi-Annually (Second & Fourth Quarters) – 2303 E. Churchville Road
ANALYTICAL LABORATORY / METHODS:	Accutest Laboratories of Dayton, New Jersey / Full suite VOCs plus oxygenates and naphthalene by Environmental Protection Agency (EPA) Method 8260B; Total Phase Hydrocarbons Gasoline Range Organics / Diesel Range Organics

(TPH-GRO/DRO) by EPA Method 8015B for groundwater monitoring. Full suite VOCs including fuel oxygenates by US EPA Method 524.2 for POET and potable well samples.

POET SAMPLING DATA:

During the Second Quarter 2022 POET sampling on June 20, 2022 at 1 Meadow Spring Drive, methyl tertiary butyl ether (MTBE) was detected above the MDE Clean-Up Standards for Type I and II Aquifers (MDE Standards) in the influent sample at a concentration of 270 micrograms per liter (µg/L). This is an overall stable trend with the concentration fluctuating with local groundwater elevation trends. Tert butyl alcohol (TBA) was detected in the influent sample at a concentration of 83.5 µg/L. The MDE has no standard for this constituent. The remaining constituents in the influent sample were detected below their respective MDE Standards, had no MDE Standard available, and/or were not detected above the laboratory method detection limit. All analyzed compounds within the effluent sample were not detected above laboratory method detection limits during the second quarter 2022 sampling event.

POTABLE SAMPLING DATA:

During the second 2022 sampling event, potable well sampling was conducted at 2303 E. Churchville Road. All detections were below their respective MDE Standards, had no MDE Standard available, and/or were not detected above the laboratory method detection limit.

GROUNDWATER QUARTERLY DATA SUMMARY:	During the Second Quarter 2022 groundwater sampling event on June 20, 2022 the following analytical results were observed: Benzene was not detected in the source area monitoring well MW-7R. Benzene was detected exceeding the MDE Standard (5 µg/L) in monitoring wells MW-16S, MW-16I, MW-21S, and MW-21I at concentrations of 34.5 µg/L, 25.2 µg/L, 15.1 µg/L and 21.6 µg/L; respectively. Toluene did not exceed the MDE standard of 1,000 µg/L. Ethylbenzene exceeded the MDE Standard of 700 µg/L in source area monitoring well MW-7R at a concentration of 1,430 µg/L. Total xylenes did not exceed the MDE standard of 10,000 µg/L. MTBE was detected exceeding the MDE Standard of 20 µg/L in monitoring wells MW-16S, MW-16I, MW-21S, MW-21I, and MW-21D at concentrations of 640 µg/L , 3,220 µg/L, 880 µg/L, 3,890 µg/L, and 444 µg/L; respectively. TPH-DRO was detected exceeding the MDE Standard of 47 µg/L in monitoring well MW-7R, MW-14, MW-16S, MW-16I, MW-21S, MW-21I, and MW-21D at concentrations of 3,970 µg/L, 106 µg/L, 192 µg/L, 115 µg/L, 179 µg/L, 166 µg/L, and 107 µg/L respectively. TPH-DRO was not detected above laboratory method detection limits in monitoring wells MW-17S, MW-17I, and MW-17D; however, the method detection limits of 53 µg/L, 92.5 µg/L, and 306 µg/L exceeded the MDE Standard. TPH-GRO was detected exceeding the MDE Standard of 47 µg/L in monitoring wells MW-7R, MW-14, MW-16S, MW16I, MW-21S, MW-21I, and MW-21D at concentrations of 17,300 µg/L, 110 µg/L, 923 µg/L, 3,830 µg/L, 1,100 µg/L, 4,400 µg/L and 570 µg/L; respectively. TPH-GRO was not detected above laboratory method detection limits in monitoring wells MW-17S, MW-17I, and MW-17D; however, the method detection limits of 110 µg/L exceeded the MDE Standard of 47 µg/L.
GROUNDWATER SAMPLING DATE:	June 20, 2022
# SAMPLED/# OF WELLS:	10/17
DEPTH TO WATER (FT):	8.80 feet (MW-17S) to 15.57 feet (MW-21D)
DISSOLVED BENZENE RANGE:	Not detected – 34.5 µg/L (MW-16S)
DISSOLVED TOLUENE RANGE:	Not detected in the monitoring well network.
DISSOLVED ETHYLBENZENE RANGE:	Not detected – 1,430 µg/L (MW-7R)
DISSOLVED XYLENES RANGE:	Not detected – 726 µg/L (MW-7R)
DISSOLVED MTBE RANGE:	Not detected – 3,890 µg/L (MW-21I)

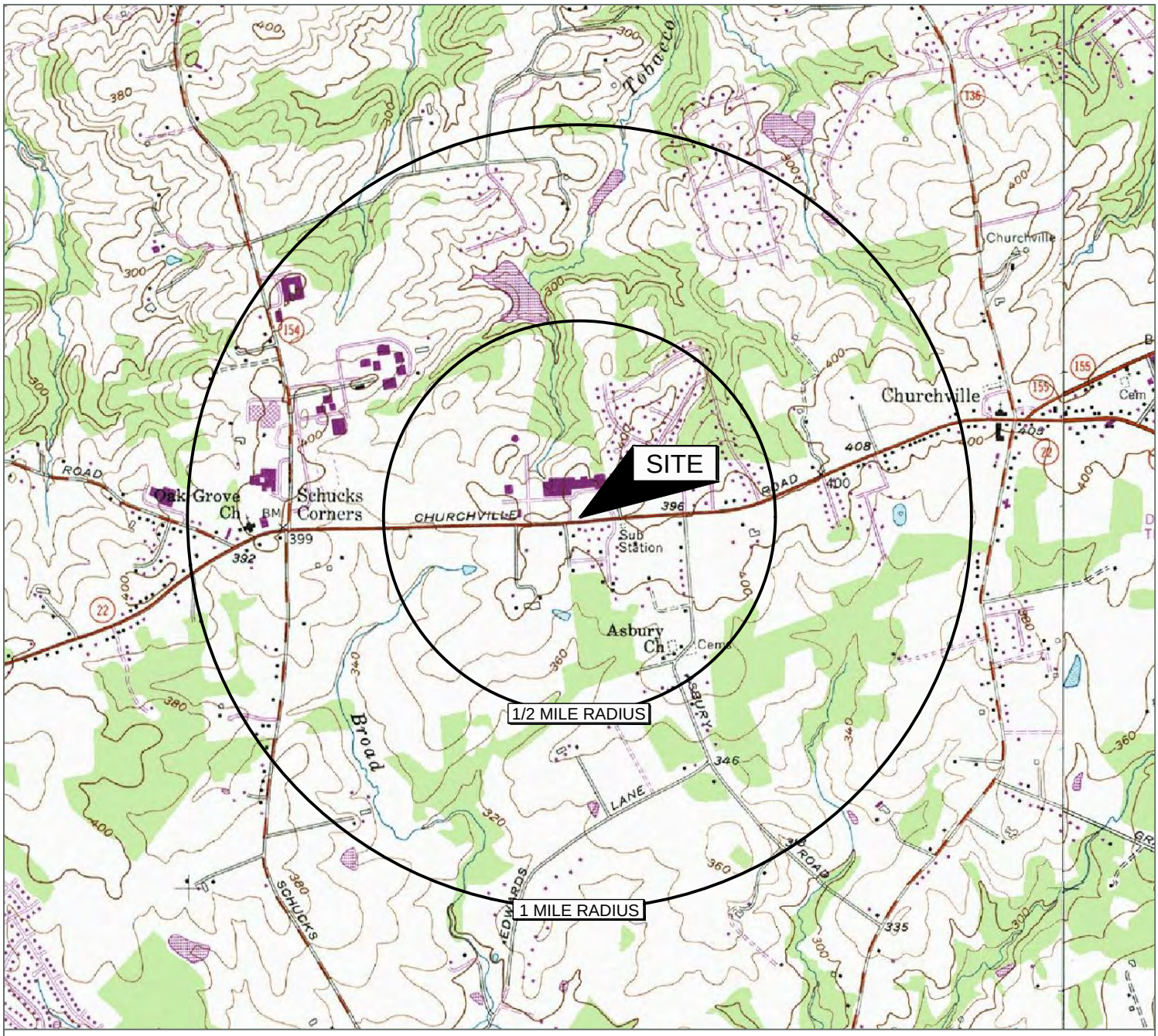
DISSOLVED TPH-DRO RANGE: Not detected – 3,970 µg/L (MW-7R)

DISSOLVED TPH-GRO RANGE: Not detected – 17,300 µg/L (MW-7R)

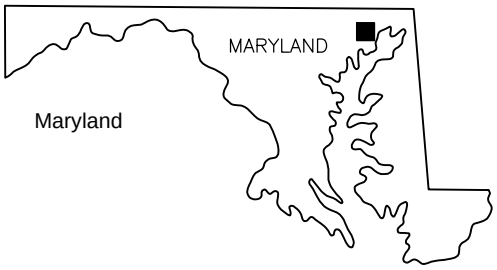
FUTURE ACTIVITIES:

During the third quarter of 2022, all monitoring wells will be gauged and the following wells will be sampled: MW-7R, MW-14, MW-16S/I, and MW-21S/I/D. In addition to the monitoring well sampling, samples will be collected from the POET system at 1 Meadow Spring Drive. The groundwater monitoring well samples will be analyzed for full suite volatile organic compounds (VOCs) via Environmental Protection Agency (EPA) Method 8260 and total petroleum hydrocarbons – diesel range organics (TPH-DRO) and total petroleum hydrocarbons – gasoline range organics (TPH-GRO) via EPA Method 8015. The POET samples (influent, mid-fluent and effluent) from 1 Meadow Spring Drive will be analyzed for full suite VOCs via EPA Method 524.2.

Figures



Source:
USGS 7.5 Minute Series
Topographic Quadrangle, 1986
Bel Air, Maryland
Contour Interval = 20'



Quadrangle Location
LAT. 093 ° 33 ' 19.52 " N
LONG. 076 ° 16 ' 22.82 " W
(Approximate Site Coordinates)

Site Location Map

Bel Air Xtra Fuels
2476 Churchville Road
Bel Air, Maryland

Drawn
W.A.W.
Designed
T.B.
Approved
A.T.C.

Date
04/11/18
Figure
1

N

Scale In Feet
0 2000

GES
Groundwater & Environmental Services, Inc.

M:\Graphics\0400-Crofton\Drake Petroleum\Bel Air\Bel Air SLM.dwg, SLM, 4/16/2018 11:47:18 AM, wwesterlund

THE BOARD OF TRUSTEES OF
HARFORD COMMUNITY COLLEGE
608/371
203.00A
P. 45

HARFORD COMMUNITY COLLEGE

1/2 MILE RADIUS

SITE
P.162

ARENA CLUB
P.329

WATER TOWER

MEADOW SPRINGS Δ1,2,3

POND

MONARCH MONTESSORI SCHOOL

SYLVIA B. BLEVINS
1191/460
P.331

P.113

P.72

LEGEND

- PROPERTY WITH VISUALLY VERIFIED POTABLE WELL
- FIRE HYDRANT
- POTABLE WELL VERIFIED BY HARFORD COUNTY DEPARTMENT OF HEALTH
- PW — POTABLE WELL LOCATION

One Half-Mile Radius Map

Bel Air Xtra Fuels
2476 Churchville Road
Bel Air, Maryland

Drawn
W.A.W.
Designed
T.B.
Approved
A.T.C.

Date
04/11/18
Figure
2

Scale In Feet
0 600

GES
Groundwater & Environmental Services, Inc.

M:\Graphics\0400-Crofton\Drake Petroleum\Bel Air\Bel Air LAM.dwg, B-600, 4/16/2018 11:37:34 AM, wwesterlund

LEGEND

- MONITORING WELL
- POTABLE WELL
- ABANDONED MONITORING WELL

Site Map

Bel Air Xtra Fuels
2476 Churchville Road
Bel Air, Maryland

Drawn
E.V.
Designed
S.A.
Approved
A.T.C.

Date
06/16/20
Figure
3

Scale In Feet (Approximate)
0 80

Groundwater & Environmental Services, Inc.

M:\Graphics\0400-Crofton\Drake Petroleum\Bel Air\Bel Air SM.dwg, B-80, EVega

LEGEND

- MONITORING WELL
- POTABLE WELL
- ABANDONED MONITORING WELL
- 380.00 GROUNDWATER CONTOUR (feet)
- DASHED WHERE INFERRED

MW-21D	
DATE	06/20/22
GWEL	384.98
B	0.50
T	<0.53
E	<0.60
X	<0.59
M	444
TPH-DRO	107
TPH-GRO	570

- SAMPLE LOCATION
- SAMPLE DATE
- GROUNDWATER ELEVATION (feet)
- BENZENE CONCENTRATION (µg/L)
- TOLUENE CONCENTRATION (µg/L)
- ETHYLBENZENE CONCENTRATION (µg/L)
- TOTAL XYLENES CONCENTRATION (µg/L)
- MTBE CONCENTRATION (µg/L)
- TPH–DRO CONCENTRATION (µg/L)
- TPH–GRO CONCENTRATION (µg/L)

µg/L	MICROGRAMS PER LITER
MTBE	METHYL *tert*–BUTYL ETHER
TPH	TOTAL PETROLEUM HYDROCARBONS
DRO	DIESEL RANGE ORGANICS
GRO	GASOLINE RANGE ORGANICS
NS	NOT SAMPLED
<#	LESS THAN THE METHOD DETECTION LIMIT
BOLD	INDICATES CONCENTRATIONS ARE ABOVE MDE STANDARDS

NOTE:

DEEP AND INTERMEDIATE WELLS NOT INCLUDED IN CONTOUR CALCULATIONS.

MW-16S	
DATE	06/20/22
GWEL	383.99
B	34.5
T	<1.1
E	<1.2
X	<1.2
M	640
TPH-DRO	192
TPH-GRO	923

MW-21I	
DATE	06/20/22
GWEL	386.60
B	21.6
T	<5.3
E	<6.0
X	<5.9
M	3,890
TPH-DRO	166
TPH-GRO	4,400

MW-21D	
DATE	06/20/22
GWEL	384.98
B	0.50
T	<0.53
E	<0.60
X	<0.59
M	444
TPH-DRO	107
TPH-GRO	570

MW-21S	
DATE	06/20/22
GWEL	387.64
B	15.1
T	<2.1
E	<2.4
X	<2.4
M	880
TPH-DRO	179
TPH-GRO	1,100

RW-19	
DATE	06/20/22
GWEL	387.58
NS	

MW-14	
DATE	06/20/22
GWEL	388.23
B	<0.43
T	<0.53
E	<0.60
X	<0.59
M	4.0
TPH-DRO	106
TPH-GRO	110

MW-9	
DATE	06/20/22
GWEL	387.57
NS	

MW-7R	
DATE	06/20/22
GWEL	388.37
B	<4.3
T	<5.3
E	1,430
X	726
M	<5.1
TPH-DRO	3,970
TPH-GRO	17,300

RW-18	
DATE	06/20/22
GWEL	388.53
NS	

MW-8	
DATE	06/20/22
GWEL	387.38
NS	

MW-15D	
DATE	06/20/22
GWEL	387.65
NS	

MW-15S	
DATE	06/20/22
GWEL	387.72
NS	

MW-16D	
DATE	06/20/22
GWEL	383.02
NS	

MW-16I	
DATE	06/20/22
GWEL	383.59
B	25.2
T	<11
E	<12
X	<12
M	3,220
TPH-DRO	115
TPH-GRO	3,830

MW-17I	
DATE	06/20/22
GWEL	379.44
B	<0.43
T	<0.53
E	<0.60
X	<0.59
M	<0.51
TPH-DRO	<92.5
TPH-GRO	<110

MW-17D	
DATE	06/20/22
GWEL	377.41
B	<0.43
T	<0.53
E	<0.60
X	<0.59
M	<0.51
TPH-DRO	<306
TPH-GRO	<110

MW-17S	
DATE	06/20/22
GWEL	379.31
B	0.43
T	<0.53
E	<0.60
X	<0.59
M	<0.51
TPH-DRO	<53
TPH-GRO	<110

Campus Hills Dr
Churchville Rd
Meadow Spring Dr
Hannah Dr
MW-16S
MW-16I
MW-16D
MW-21I
MW-21S
MW-21D
MW-17I
MW-17D
MW-17S
MW-6
MW-9A
MW-9
RW-2
RW-20
FORMER USTs
MW/RW-12
MW-14
TF-2
MW-5
RW-3
RW-1
MW-7R
MW-2
FORMER DISPENSER ISLANDS
MW-1
RW-19
MW/RW-10
RW-18
MW-8
TF-1
MW-11
RW-17
MW-15S
MW-15D
388.00
386.00
384.00
382.00
380.00
1 MEADOW SPRING DRIVE POTABLE WELL
2303 CHURCHVILLE ROAD

Groundwater Monitoring Map
June 20, 2022

Bel Air Xtra Fuels
2476 Churchville Road
Bel Air, Maryland

Drawn E.V.
Designed S.A.
Approved A.T.C.
Date 07/12/22
Figure 4

Scale In Feet
0 (Approximate) 80

GES
Groundwater & Environmental Services, Inc.

M:\Graphics\0400-Crofton\Drake Petroleum\Bel Air\Bel Air SM.dwg, B-80, EVega

Tables

Table 1

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
MW-1	01/15/01	403.01	-	-	-	**13,000**	**11,000**	**1,300**	9,700	**8,400**	**11,000**	**89,000**
MW-1	04/25/05	403.01	10.94	392.07	-	**3,700**	**8,000**	**1,700**	**13,000**	**650**	-	-
MW-1	05/04/05	403.01	11.06	391.95	-	-	-	-	-	-	-	-
MW-1	12/14/05	403.01	15.41	387.60	-	0.7	1.4	0.57	24	0.78	**3,760**	**841**
MW-1	03/07/06	403.01	12.98	390.03	-	**130**	266	57.6	230	**104**	-	-
MW-1	06/08/06	403.01	15.51	387.50	-	-	-	-	-	-	-	-
MW-1	09/12/06	403.01	14.40	388.61	-	4.6	<1.0	<1.0	<1.0	**246**	0	-
MW-1	12/05/06	403.01	13.07	389.94	-	**11.8**	4.9	3.9	8.3	**25.1**	**526**	**240**
MW-1	03/07/07	403.01	12.80	390.21	-	0.82 J	0.68 J	0.20 J	1.1	<1.0	-	-
MW-1	07/06/07	403.01	13.75	389.26	-	1.2	1.7	1.9	4.9	1.2	**1,540**	**<200**
MW-1	09/13/07	403.01	16.20	386.81	-	<1.0	<1.0	<1.0	<1.0	0.77 J	-	-
MW-1	12/20/07	403.01	18.10	384.91	-	-	-	-	-	-	-	-
MW-1	03/17/08	403.01	15.51	387.50	-	0.44 J	1.9	1.1	13.0	5.1	-	-
MW-1	06/10/08	403.01	14.55	388.46	-	**5.2**	2.0	0.89 J	2.0	4.3	**833**	**<200**
MW-1	11/19/09	403.01	14.80	388.21	-	-	-	-	-	-	-	-
MW-1	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	13	**<600**	**<200**
MW-2	04/25/05	403.40	10.67	392.73	-	4.0	5.0	8.0	21	2.0	-	-
MW-2	05/04/05	403.40	11.50	391.90	-	-	-	-	-	-	-	-
MW-2	12/14/05	403.40	15.66	387.74	-	2.2	5.0	6.5	11.4	3.4	**8,400**	**<200**
MW-2	03/07/06	403.40	8.71	394.69	-	-	-	-	-	-	-	-
MW-2	06/08/06	403.40	14.78	388.62	-	-	-	-	-	-	-	-
MW-2	12/05/06	403.40	13.11	390.29	-	3.5	17.2	4.6	5.6	0.44	**620**	**ND(200)**
MW-2	03/07/07	403.40	12.28	391.12	-	-	-	-	-	-	-	-
MW-2	07/06/07	403.40	9.61	393.79	-	<1.0	2.7	<1.0	<1.0	<1.0	**1,660**	**<200**
MW-2	09/13/07	403.40	15.11	388.29	-	-	-	-	-	-	-	-
MW-2	12/20/07	403.40	18.63	384.77	-	-	-	-	-	-	-	-
MW-2	03/17/08	403.40	12.75	390.65	-	-	-	-	-	-	-	-
MW-2	06/10/08	403.40	14.05	389.35	-	<1.0	1.1	<1.0	<1.0	<1.0	**2,080**	**<200**
MW-2	11/19/09	403.40	14.10	389.30	-	-	-	-	-	-	-	-
MW-2	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	3.0	**<500**	**<100**
MW-3	04/25/05	403.71	11.46	392.25	-	<0.5	<0.7	<0.8	<0.8	2.0	-	-
MW-3	05/04/05	403.71	11.73	391.98	-	-	-	-	-	-	-	-
MW-3	12/14/05	403.71	16.11	387.60	-	<1.0	<1.0	<1.0	<1.0	<1.0	**<100**	**<200**
MW-3	03/07/06	403.71	13.47	390.24	-	-	-	-	-	-	-	-
MW-3	06/08/06	403.71	15.13	388.58	-	-	-	-	-	-	-	-
MW-3	12/05/06	403.71	13.47	390.24	-	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.1	**ND(110)**	**ND(200)**
MW-3	03/07/07	403.71	13.23	390.48	-	-	-	-	-	-	-	-
MW-3	07/06/07	403.71	14.46	389.25	-	<1.0	<1.0	<1.0	<1.0	0.35 J	**<100**	**<200**
MW-3	09/13/07	403.71	16.98	386.73	-	-	-	-	-	-	-	-
MW-3	12/20/07	403.71	18.80	384.91	-	-	-	-	-	-	-	-
MW-3	03/17/08	403.71	16.31	387.40	-	-	-	-	-	-	-	-
MW-3	06/10/08	403.71	15.10	388.61	-	<1.0	<1.0	<1.0	<1.0	0.36 J	**212**	**<200**
MW-3	11/19/09	403.71	14.74	388.97	-	-	-	-	-	-	-	-
MW-3	12/28/09	403.71	14.74	388.97	-	-	-	-	-	-	-	-
MW-3	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	<1.0	**<500**	**<100**
MW-4	04/25/05	402.12	10.07	392.05	-	-	-	-	-	-	-	-
MW-4	05/04/05	402.12	10.31	391.81	-	-	-	-	-	-	-	-
MW-4	03/07/06	402.12	NR	-	-	-	-	-	-	-	-	-
Abandoned												
MW-5	01/15/01	403.10	-	-	-	**150**	25	11	150	**1,500**	**2,700**	**5,400**
MW-5	04/25/05	403.10	11.32	391.78	-	-	-	-	-	-	-	-
MW-5	05/04/05	403.10	11.51	391.59	-	**11**	<0.7	<0.8	<0.8	**300**	-	-
MW-5	12/14/05	403.10	15.75	387.35	-	**7.5**	0.39	0.92	1.6	**186**	**597**	**543**
MW-5	03/07/06	403.10	13.27	389.83	-	-	-	-	-	-	-	-
MW-5	06/08/06	403.10	14.70	388.40	-	-	-	-	-	-	-	-

Table 1

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
MW-5	12/05/06	403.10	13.31	389.79	-	**18.2**	ND(2.5)	3.9	5.1	**280**	**194**	**478**
MW-5	03/07/07	403.10	13.00	390.10	-	-	-	-	-	-	-	-
MW-5	07/06/07	403.10	14.00	389.10	-	**18.1**	<2.0	<2.0	1.3 J	**729**	**314**	**846**
MW-5	09/13/07	403.10	16.41	386.69	-	-	-	-	-	-	-	-
MW-5	12/20/07	403.10	18.20	384.90	-	-	-	-	-	-	-	-
MW-5	03/17/08	403.10	15.97	387.13	-	-	-	-	-	-	-	-
MW-5	06/10/08	403.10	14.72	388.38	-	**6.6**	<1.0	<1.0	<1.0	**78.9**	**291**	**213**
MW-5	11/19/09	403.10	14.50	388.60	-	-	-	-	-	-	-	-
MW-5	12/28/09	403.10	14.50	388.60	-	-	-	-	-	-	-	-
Abandoned												
MW-6	04/25/05	400.13	8.68	391.45	-	-	-	-	-	-	-	-
MW-6	05/04/05	400.13	8.77	391.36	-	<3.0	<4.0	<4.0	<5.0	**6,400**	-	-
MW-6	03/07/06	400.13	NR	-	-	-	-	-	-	-	-	-
MW-6	06/08/06	400.13	11.85	388.28	-	-	-	-	-	-	-	-
MW-6	09/12/06	400.13	11.00	389.13	-	<1.0	<1.0	<1.0	<1.0	**380**	-	-
MW-6	12/05/06	400.13	10.60	389.53	-	ND(10)	ND(10)	ND(10)	ND(10)	**1,130**	ND(110)	**102**
MW-6	03/07/07	400.13	10.16	389.97	-	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
MW-6	07/06/07	400.13	10.97	389.16	-	**10.7**	<10	<10	<10	**3,050**	**<100**	**2,530**
MW-6	09/13/07	400.13	13.10	387.03	-	<1.0	<1.0	<1.0	<1.0	**30.0**	-	-
MW-6	12/20/07	400.13	14.90	385.23	-	-	-	-	-	-	-	-
MW-6	03/17/08	400.13	12.95	387.18	-	<1.0	<1.0	<1.0	<1.0	**26.3**	-	-
MW-6	06/10/08	400.13	11.69	388.44	-	<1.0	<1.0	<1.0	<1.0	**151**	**<100**	**273**
MW-6	11/19/09	400.13	11.55	388.58	-	-	-	-	-	-	-	-
MW-6	12/28/09	400.13	11.55	388.58	-	-	-	-	-	-	-	-
Abandoned												
MW-7	01/15/01	402.73	-	-	-	**1,600**	**4,600**	450	9,700	**220,000**	**30,000**	**190,000**
MW-7	04/25/05	402.73	10.88	391.85	-	**2,000**	**9,600**	**2,000**	**18,000**	**84,000**	-	-
MW-7	05/04/05	402.73	10.91	391.82	-	-	-	-	-	-	-	-
MW-7	12/14/05	402.73	15.21	387.52	-	-	-	-	-	-	-	-
MW-7	03/07/06	402.73	12.80	389.93	-	**2,600**	**12,800**	**2,690**	**23,300**	**31,400**	-	-
MW-7	06/08/06	402.73	14.15	388.58	-	-	-	-	-	-	-	-
MW-7	09/12/06	402.73	13.92	388.81	-	**1,180**	**7,530**	**1,820**	**17,500**	**40,200**	-	-
MW-7	12/05/06	402.73	12.88	389.85	-	**1,640**	**7,150**	**1,820**	**15,400**	**26,100**	13.2	**100**
MW-7	03/07/07	402.73	12.55	390.18	-	**654**	**4,700**	**1,060**	9,910	**21,400**	-	-
MW-7	07/06/07	402.73	13.46	389.27	-	**874**	**3,900**	**1,250**	**10,100**	**24,400**	**13,700**	**65,600**
MW-7	09/13/07	402.73	15.80	386.93	-	**1,170**	**9,360**	**1,480**	**12,200**	**26,100**	-	-
MW-7	12/20/07	402.73	17.18	385.55	-	-	-	-	-	-	-	-
MW-7	03/17/08	402.73	15.52	387.21	-	**637**	**2,420**	**933**	**11,400**	**16,600**	-	-
MW-7	06/10/08	402.73	14.25	388.48	-	**1,500**	**6,400**	**843**	**12,200**	**31,000**	**23,300**	**77,800**
MW-7	11/19/09	402.73	14.52	388.21	-	-	-	-	-	-	-	-
MW-7	12/28/09	402.73	11.91	390.82	-	**398**	**1,970**	**995**	5,600	**4,950A**	-	**36,200**
MW-7	02/15/10	402.73	11.72	391.01	-	**1,000**	**3,410**	**1,550**	9,340	**5,000**	**8,350**	**48,700**
MW-7	04/23/10	402.73	10.10	392.63	-	**863**	**2,720**	**1,660**	**10,400**	**4,390**	43.2	15.5
MW-7	04/11/11	402.73	13.08	389.65	-	**867**	**2,560**	**1,750**	7,460	**1,590**	**17,400**	**50,800**
MW-7	09/12/11	402.73	14.25	388.48	-	**336**	**1,360**	**1,210**	4,540	**771**	**24,800**	**28,300**
MW-7	12/23/11	402.73	12.98	389.75	-	**141**	346	**942**	3,730	**362**	**13,100**	**22,800**
MW-7	03/26/12	402.73	13.16	389.57	-	**246**	442	**1,310**	4,430	**340**	**15,900**	**33,200**
MW-7	06/21/12	402.73	14.28	388.45	-	**144**	322	**1,160**	3,320	**342**	**13,800**	**18,900**
MW-7	09/17/12	402.73	16.58	386.15	-	**144**	253	**1,070**	2,750	**254**	**15,100**	**14,500**
MW-7	03/13/13	402.73	15.50	387.23	-	**170**	63.3	623	1,690	**1,730**	**16,300**	**11,600**
MW-7	06/19/13	402.73	14.22	388.51	-	**117**	31.8	459	570	**1,020**	**10,100**	**12,100**
MW-7	09/12/13	402.73	15.50	387.23	-	**50.4**	33	646	449	**396**	**8,000**	**11,300**
MW-7	12/05/13	402.73	17.33	385.40	-	**26.8**	18.9	308	87.7	**258**	**4,110**	**6,200**
MW-7	03/12/14	402.73	13.90	388.83	-	**57.7**	542	697	2,760	**92.7**	**16,200**	**13,500**
MW-7	06/03/14	402.73	11.45	391.28	-	**95.3**	349	**1,140**	3,810	**417**	**30,800**	**8,730**
MW-7	09/03/14	402.73	14.41	388.32	-	**13.3**	21.1	553	709	**178**	**11,300**	**4,890**
MW-7	12/11/14	402.73	13.58	389.15	-	**6.1**	15.3	552	352	**82.4**	**9,730**	**6,680**
MW-7	03/04/15	402.73	13.58	389.15	-	**6.4**	58.1	469	870	**95.5**	**8,920**	**8,420**
MW-7	06/04/15	402.73	13.21	389.52	-	3.20	40.90	278.00	643	**46.60**	**6,810**	**4,650**
MW-7	09/04/15	402.73	13.66	389.07	-	2.50	10.30	37.30	380	**57.50**	**4,720**	**3,920**
MW-7	12/16/15	402.73	15.77	386.96	-	2.40	10.60	417	234	**21.50**	**5,510**	**1,490**

Table 1

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
MW-7	03/22/16	402.73	12.77	389.96	-	ND	22.90	455	461	**40.10**	**7,360**	**4,980**
MW-7	06/01/16	402.73	13.21	389.52	-	0.86	6.40	192	185	19.70	**4,320**	**3,440**
Abandoned												
MW-7R	02/09/17	402.76	18.06	384.70	-	**80.5**	555	**2,380**	9,420	**574**	**9,460**	**41,200**
MW-7R	05/17/17	402.76	16.30	386.46	-	**70**	156	**1,970**	7,880	**512**	**12,100**	**38,700**
MW-7R	08/24/17	402.76	16.05	386.71	-	**16.3**	70.3	**2,510**	7,270	**248**	**10,900**	**41,000**
MW-7R	11/20/17	402.76	17.47	385.29	-	**13.2**	88.4	**2,500**	5,680	**188**	**11,600**	**32,500**
MW-7R	03/05/18	402.76	16.92	385.84	-	**75.5**	530	**2,460**	7,780	**605**	**12,100**	**37,500**
MW-7R	05/30/18	402.76	14.45	388.31	-	**30.9**	442	**1,900**	5,700	**334**	**6,340**	**31,100**
MW-7R	08/30/18	402.76	13.80	388.96	-	**11.7**	172	**1,890**	4,860	**178**	**9,160**	**28,100**
MW-7R	11/20/18	402.76	11.77	390.99	-	**6.9**	30	**1,740**	4,030	**145**	**4,860**	**21,500**
MW-7R	02/21/19	402.76	9.78	392.98	-	3.0	29.9	**1,510**	3,870	**88.1**	**5,060**	**23,600**
MW-7R	05/16/19	402.76	10.18	392.58	-	<2.1	28.8	**1,060**	3,020	**73.6**	**2,190**	**18,800**
MW-7R	09/05/19	402.76	13.08	389.68	-	<4.3	15.8	**1,250**	1,840	<5.1	**3,680**	**15,000**
MW-7R	12/23/19	402.76	15.27	387.49	-	-	-	-	-	-	**5,910**	**17,200**
MW-7R	01/09/20	402.76	14.98	387.78	-	3.3	34.8	**1,560**	1,960	**45.4**	**-**	**-**
MW-7R	03/09/20	402.76	13.66	389.10	-	2.2	26.2	**1,580**	2,820	**54.7**	**5,040**	**17,500**
MW-7R	06/01/20	402.76	12.40	390.36	-	<4.3	9.2	**1,960**	1,470	**60**	**6,120**	**12,100**
MW-7R	08/19/20	402.76	14.43	388.33	-	<2.1	6.6	**1,890**	727	14.4	**5,200**	**15,300**
MW-7R	11/19/20	402.76	15.73	387.03	-	NS	NS	NS	NS	NS	NS	NS
MW-7R	11/20/20	402.76	-	-	-	<4.3	13.1	**2,360**	658	16.1	**5,410**	**14,200**
MW-7R	02/17/21	402.76	13.73	389.03	-	<2.1	6.5	**1,570**	599	15.6	**6,110**	**13,200**
MW-7R	05/03/21	402.76	12.39	390.37	-	<4.3	8.5 J	**1,320**	896	15.3	**5,220**	**12,000**
MW-7R	08/23/21	402.76	14.21	388.55	-	<4.3	<5.3	**1,530**	464	<5.1	**4,630**	**11,100**
MW-7R	11/29/21	402.76	15.51	387.25	-	<4.3	<5.3	**1,490**	356	<5.1	**7,520**	**13,900**
MW-7R	03/24/22	402.76	15.57	387.19	-	<4.3	<5.3	**1,840**	806	<5.1	**4,160**	**13,500**
MW-7R	06/20/22	402.76	14.39	388.37	-	<4.3	<5.3	**1,430**	726	<5.1	**3,970**	**17,300**
MW-8	12/08/93	401.13	-	-	-	**900**	170	35	140	**290**	-	-
MW-8	01/27/95	401.13	-	-	-	**722**	13	6	16	**120**	-	-
MW-8	06/14/95	401.13	-	-	-	**610**	<5	<5	<5	**62**	-	-
MW-8	09/14/95	401.13	-	-	-	**310**	<5	<5	<5	**140**	-	-
MW-8	01/02/96	401.13	-	-	-	**870**	40	19	126	**1,400**	-	-
MW-8	10/02/96	401.13	-	-	-	**290**	<10	<10	<30	<100	-	-
MW-8	02/25/97	401.13	-	-	-	**430**	<5	9	49	**250**	-	-
MW-8	05/28/97	401.13	-	-	-	**170**	<5	6	<15	**160**	-	-
MW-8	08/21/97	401.13	-	-	-	**229**	<2	<2	<4	**109**	-	-
MW-8	12/22/97	401.13	-	-	-	**68**	2	4	22	**186**	-	-
MW-8	03/25/98	401.13	-	-	-	**50**	<5	<5	<15	**66**	-	-
MW-8	06/26/98	401.13	-	-	-	**21**	<5	<5	<15	**29**	-	-
MW-8	09/30/98	401.13	-	-	-	**18**	<2	<2	<6	**43**	-	-
MW-8	12/29/98	401.13	-	-	-	**50**	17	5	18	**57**	-	-
MW-8	04/01/99	401.13	-	-	-	**85**	29	<5	22	**37**	-	-
MW-8	07/12/99	401.13	-	-	-	**86**	6	1	9	**50**	-	-
MW-8	10/29/99	401.13	-	-	-	**57**	<10	<10	<30	**501**	-	-
MW-8	02/28/00	401.13	-	-	-	**70**	<10	<10	<30	**59**	-	-
MW-8	05/25/00	401.13	-	-	-	**144**	<10	<10	<20	**530**	-	-
MW-8	09/25/00	401.13	-	-	-	**27**	<2	<2	<4	**62**	-	-
MW-8	09/12/11	401.13	13.83	387.30	-	0.56 J	<0.15	<0.21	<0.17	**54.9**	<3.5	<16
MW-8	12/23/11	401.13	12.50	388.63	-	**31.4**	0.42 J	3.8	23.2	**299**	**190**	**627**
MW-8	03/26/12	401.13	12.68	388.45	-	**14.9**	<0.15	<0.21	5.4	**245**	**714**	**620**
MW-8	06/21/12	401.13	13.87	387.26	-	**5.1**	<0.23	<0.23	1.5	**131**	**175**	**238**
MW-8	09/17/12	401.13	16.22	384.91	-	**9.9**	<0.23	<0.23	2.4	**250**	**194**	**397**
MW-8	03/13/13	401.13	15.12	386.01	-	0.72	ND	ND	0.93	**130**	**226**	ND
MW-8	06/20/13	401.13	13.81	387.32	-	0.25 J	ND	ND	ND	**62.2**	ND	ND
MW-8	09/12/13	401.13	15.04	386.09	-	**36.6**	11.5	29.9	70.9	**155**	**768**	**349**
MW-8	12/06/13	401.13	16.95	384.18	-	**68.4**	0.58 J	12.5	43	**169**	**1,060**	**509**
MW-8	03/11/14	401.13	13.48	387.65	-	**111**	0.67 J	2.3	26.3	**360**	**1,570**	**1,360**
MW-8	06/03/14	401.13	11.01	390.12	-	**12.3**	ND	0.45 J	5.9	**157**	**562**	**393**
MW-8	09/04/14	401.13	13.94	387.19	-	**24.6**	1.7	7.3	28.1	**153**	**788**	**306**
MW-8	12/11/14	401.13	13.46	387.67	-	**44.6**	2.9	15.8	52.2	**205**	**1,190**	**962**

Table 1

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
MW-8	03/04/15	401.13	13.22	387.91	-	ND	ND	ND	ND	**21**	ND	ND
MW-8	06/04/15	401.13	12.79	388.34	-	**22.9**	0.89 J	4.3	33	**175**	**561**	**456**
MW-8	09/04/15	401.13	13.25	387.88	-	**35.2**	0.73 J	3.8	39.1	**156**	**662**	**598**
MW-8	12/16/15	401.13	15.38	385.75	-	**46.4**	2	17.5	97.1	**174**	**912**	**1,210**
MW-8	03/22/16	401.13	12.37	388.76	-	**20.4**	0.37 J	5.7	30.3	**150**	**654**	**947**
MW-8	06/01/16	401.13	12.80	388.33	-	**14.8**	ND	3.4	29.4	**91.8**	**457**	**514**
MW-8	11/29/16	401.13	18.21	382.92	-	INSUFFICIENT WATER TO COLLECT SAMPLE						
MW-8	02/09/17	401.13	17.47	383.66	-	INSUFFICIENT WATER TO COLLECT SAMPLE						
MW-8	05/17/17	401.13	15.67	385.46	-	0.93	<0.23	<0.21	0.95 J	**36.1**	**<64**	**128 J**
MW-8	08/24/17	401.13	15.45	385.68	-	<0.17	<0.25	<0.22	<0.22	4.9	**<83**	**<100**
MW-8	11/20/17	401.13	16.88	384.25	-	<0.17	<0.25	<0.22	<0.22	1.4	**<83**	**<100**
MW-8	03/05/18	401.13	16.46	384.67	-	<0.17	<0.25	<0.22	<0.22	0.86	**143**	**<100**
MW-8	05/30/18	401.13	13.73	387.40	-	NS	NS	NS	NS	NS	NS	NS
MW-8	08/30/18	401.13	13.12	388.01	-	NS	NS	NS	NS	NS	NS	NS
MW-8	11/20/18	401.13	10.93	390.20	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	**<100**
MW-8	02/21/19	401.13	8.88	392.25	-	NS	NS	NS	NS	NS	NS	NS
MW-8	05/16/19	401.13	9.27	391.86	-	NS	NS	NS	NS	NS	NS	NS
MW-8	09/05/19	401.13	12.34	388.79	-	NS	NS	NS	NS	NS	NS	NS
MW-8	12/20/19	401.13	14.64	386.49	-	<0.43	<0.53	<0.60	<0.59	1.4	**<53**	**<100**
MW-8	03/09/20	401.13	12.90	388.23	-	NS	NS	NS	NS	NS	NS	NS
MW-8	06/01/20	401.13	11.63	389.50	-	NS	NS	NS	NS	NS	NS	NS
MW-8	08/19/20	401.13	13.77	387.36	-	NS	NS	NS	NS	NS	NS	NS
MW-8	11/19/20	401.13	15.12	386.01	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	**<100**
MW-8	02/17/21	401.13	13.03	388.10	-	NS	NS	NS	NS	NS	NS	NS
MW-8	05/03/21	401.13	11.65	389.48	-	NS	NS	NS	NS	NS	NS	NS
MW-8	08/23/21	401.13	13.55	387.58	-	NS	NS	NS	NS	NS	NS	NS
MW-8	11/29/21	401.13	14.81	386.32	-	<0.43	<0.53	<0.60	<0.59	<0.51	**386**	**<100**
MW-8	03/24/22	401.13	14.87	386.26	-	NS	NS	NS	NS	NS	NS	NS
MW-8	06/20/22	401.13	13.75	387.38	-	NS	NS	NS	NS	NS	NS	NS
MW-9A	04/25/05	400.00	8.61	391.39	-	-	-	-	-	-	-	-
MW-9A	05/04/05	400.00	8.65	391.35	-	**5.0**	12	<8.0	<8.0	**16,000**	-	-
MW-9A	03/07/06	400.00	10.25	389.75	-	-	-	-	-	-	-	-
MW-9A	06/08/06	400.00	DRY	-	-	-	-	-	-	-	-	-
MW-9A	12/05/06	400.00	10.37	389.63	-	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	**602**	**307**	**917**
MW-9A	03/07/07	400.00	9.99	390.01	-	-	-	-	-	-	-	-
MW-9A	07/06/07	400.00	10.72	389.28	-	<100	<100	<100	<100	**24,100**	**193**	**19,800**
MW-9A	09/13/07	400.00	DRY	-	-	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-9A	12/20/07	400.00	DRY	-	-	-	-	-	-	-	-	-
MW-9A	03/17/08	400.00	12.66	387.34	-	-	-	-	-	-	-	-
MW-9A	06/10/08	400.00	11.44	388.56	-	<1.0	<1.0	<1.0	<1.0	0.83 J	**<100**	**<200**
MW-9A	11/19/09	400.00	DRY	-	-	-	-	-	-	-	-	-
Abandoned												
MW-9	01/15/01	399.97	-	-	-	3.0	<1.0	<1.0	<1.0	**2,300**	**<500**	**1,400**
MW-9	04/25/05	399.97	8.53	391.44	-	-	-	-	-	-	-	-
MW-9	05/04/05	399.97	8.44	391.53	-	**180**	120	120	280	**56,000**	-	-
MW-9	03/07/06	399.97	-	-	-	-	-	-	-	-	-	-
MW-9	06/08/06	399.97	12.41	387.56	-	-	-	-	-	-	-	-
MW-9	09/12/06	399.97	11.15	388.82	-	0.25 J	<1.0	<1.0	<1.0	**205**	-	-
MW-9	12/05/06	399.97	11.37	388.60	-	**67.3**	16.1	80.0	115	**50,900**	**151**	**52.9**
MW-9	03/07/07	399.97	10.93	389.04	-	**5.9**	0.80 J	0.92 J	5.0	**3,210**	-	-
MW-9	07/06/07	399.97	11.70	388.27	-	**118**	20.3 J	222	631	**7,150**	**1,590**	**10,600**
MW-9	09/13/07	399.97	13.92	386.05	-	9.4	0.76 J	12.8	27.9	**473**	-	-
MW-9	12/20/07	399.97	15.70	384.27	-	-	-	-	-	-	-	-
MW-9	03/17/08	399.97	13.70	386.27	-	0.36 J	<1.0	<1.0	<1.0	**243**	-	-
MW-9	06/10/08	399.97	12.48	387.49	-	0.48 J	<1.0	<1.0	<1.0	**175**	**182**	**1,130**
MW-9	12/28/09	399.97	11.92	388.05	-	<1.0	<1.0	<1.0	0.34	0.68	-	<32
MW-9	02/15/10	399.97	10.31	389.66	-	**22.9**	4.2	80.3	19.5	**79.8**	**858**	**1,380**
MW-9	04/23/10	399.97	8.78	391.19	-	**19.5**	5.4	22.3	60.6	**187**	**367**	**848**
MW-9	04/11/11	399.97	11.52	388.45	-	<0.23	<0.30	<0.27	<0.25	15.5	<39	<11

Table 1

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
MW-9	09/12/11	399.97	12.75	387.22	-	0.57 J	<0.15	1.7	<0.17	10.8	**439**	<16
MW-9	12/23/11	399.97	11.54	388.43	-	3.9	0.32 J	21.7	1.1	11.4	**406**	**359**
MW-9	03/26/12	399.97	11.62	388.35	-	39.4	5.5	194	269	76.6	**1,910**	**3,060**
MW-9	06/21/12	399.97	12.58	387.39	-	0.48 J	<0.23	1.0	0.40 J	2.6	**213**	<40
MW-9	09/17/12	399.97	14.68	385.29	-	<0.24	<0.23	0.24 J	<0.24	9.3	**331**	**214**
MW-9	03/13/13	399.97	-	-	-	ND	ND	ND	ND	0.22 J	ND	ND
MW-9	06/19/13	399.97	12.53	387.44	-	ND	ND	ND	ND	ND	ND	**440**
MW-9	09/12/13	399.97	13.9	386.07	-	ND	ND	ND	ND	0.62 J	ND	-
MW-9	12/05/13	399.97	15.49	384.48	-	ND	ND	ND	ND	0.4	ND	ND
MW-9	03/11/14	399.97	12.20	387.77	-	ND	ND	ND	ND	1.4	ND	**127**
MW-9	06/03/14	399.97	9.96	390.01	-	ND	ND	0.64	ND	0.57	ND	ND
MW-9	09/03/14	399.97	13.09	386.88	-	ND	ND	ND	ND	**34.5**	ND	**496**
MW-9	12/11/14	399.97	12.20	387.77	-	ND	ND	ND	ND	3.8	ND	**645**
MW-9	03/03/15	399.97	12.11	387.86	-	ND	ND	ND	ND	6.1	ND	ND
MW-9	06/04/15	399.97	11.52	388.45	-	ND	ND	ND	ND	5.2	ND	**96.7**
MW-9	09/04/15	399.97	12.42	387.55	-	ND	ND	ND	ND	3.20	ND	**300**
MW-9	12/16/15	399.97	14.03	385.94	-	ND	ND	ND	ND	0.46	ND	ND
MW-9	03/22/16	399.97	11.17	388.80	-	ND	ND	ND	ND	1.0	ND	**173**
MW-9	06/01/16	399.97	11.49	388.48	-	ND	ND	ND	ND	1.30	ND	ND
MW-9	11/29/16	399.97	15.96	384.01	-	0.21 J	0.78 J	<0.20	<0.21	<0.34	**706**	**<100**
MW-9	02/09/17	399.97	15.58	384.39	-	<0.14	<0.23	<0.20	<0.21	0.44 J	**3,930**	**<100**
MW-9	05/17/17	399.97	14.22	385.75	-	<0.14	<0.23	<0.20	<0.21	0.41 J	**384**	**<100**
MW-9	08/24/17	399.97	13.93	386.04	-	<0.17	<0.25	<0.22	<0.22	0.37 J	**722**	**<100**
MW-9	11/20/17	399.97	15.32	384.65	-	<0.17	<0.25	<0.22	<0.22	0.26 J	**732**	**<100**
MW-9	03/05/18	399.97	14.78	385.19	-	<0.17	<0.25	<0.22	<0.22	<0.25	**325**	**<100**
MW-9	05/30/18	399.97	12.50	387.47	-	NS	NS	NS	NS	NS	NS	NS
MW-9	08/30/18	399.97	11.87	388.10	-	NS	NS	NS	NS	NS	NS	NS
MW-9	11/20/18	399.97	10.14	389.83	-	<0.43	<0.53	<0.63	<0.59	<0.51	**<53**	**<100**
MW-9	02/21/19	399.97	8.14	391.83	-	NS	NS	NS	NS	NS	NS	NS
MW-9	05/16/19	399.97	8.56	391.41	-	NS	NS	NS	NS	NS	NS	NS
MW-9	09/05/19	399.97	11.21	388.76	-	NS	NS	NS	NS	NS	NS	NS
MW-9	12/20/19	399.97	13.40	386.57	-	<0.43	<0.53	<0.60	<0.59	3.8	**252**	**<100**
MW-9	03/09/20	399.97	11.83	388.14	-	NS	NS	NS	NS	NS	NS	NS
MW-9	06/01/20	399.97	10.60	389.37	-	NS	NS	NS	NS	NS	NS	NS
MW-9	08/19/20	399.97	12.37	387.60	-	NS	NS	NS	NS	NS	NS	NS
MW-9	11/19/20	399.97	13.78	386.19	-	<0.43	<0.53	<0.60	<0.59	4.6	**422**	**<100**
MW-9	02/17/21	399.97	11.88	388.09	-	NS	NS	NS	NS	NS	NS	NS
MW-9	05/03/21	399.97	10.60	389.37	-	NS	NS	NS	NS	NS	NS	NS
MW-9	08/23/21	399.97	12.26	387.71	-	NS	NS	NS	NS	NS	NS	NS
MW-9	11/29/21	399.97	13.54	386.43	-	<0.43	<0.53	<0.60	<0.59	3	<38	**<100**
MW-9	03/24/22	399.97	13.53	386.44	-	NS	NS	NS	NS	NS	NS	NS
MW-9	06/20/22	399.97	12.40	387.57	-	NS	NS	NS	NS	NS	NS	NS
MW-10	11/19/09	100.00	12.61	87.39	-	-	-	-	-	-	-	-
MW-10	12/28/09	400.36	11.84	388.52	-	**1,200**	**13,800**	**2,590**	**17,000**	**163,000**	-	**245,000**
MW-10	02/15/10	400.36	10.40	389.96	-	**2,310**	**11,800**	**2,650**	**15,500**	**139,000**	**12,800**	**246,000**
MW-10	04/23/10	400.36	8.78	391.58	-	**1,780**	**14,700**	**3,010**	**19,200**	**162,000**	15.2	**192**
MW-10	04/11/11	400.36	11.75	388.61	-	**2,570**	**6,450**	**3,040**	**14,300**	**75,800**	**15,300**	**149,000**
MW-10	09/12/11	400.36	12.98	387.38	-	**2,680**	**7,910**	**2,970**	**14,800**	**65,900**	**20,100**	**148,000**
MW-10	12/23/11	400.36	11.65	388.71	-	**2,760**	**6,680**	**3,030**	**14,300**	**42,200**	**638**	**122,000**
MW-10	03/26/12	400.36	11.75	388.61	-	**1,790**	**5,500**	**2,190**	9,800	**22,000**	**17,000**	**109,000**
MW-10	06/21/12	400.36	13.14	387.22	-	**1,420**	**10,500**	**3,010**	**13,200**	**15,600**	**17,700**	**92,200**
MW-10	09/17/12	400.36	14.48	385.88	-	**170**	171	275	1,060	**4,050**	**1,920**	**8,210**
MW-10	03/14/13	400.36	-	-	-	**11.5**	5.6	9.4	70.5	**95.2**	**450**	**624**
MW-10	06/19/13	400.36	12.12	388.24	-	3	2.6	4.3	14	**32.2**	**202**	**534**
MW-10	09/12/13	400.36	14.43	385.93	-	**236**	58.6	187	392	**463**	**351**	**1,730**
MW-10	12/13/13	400.36	9.53	390.83	-	0.53 J	3.7	1.2	40.6	4.6	**260**	**176**
MW-10	03/12/14	400.36	12.35	388.01	-	1.6	1.7	1.3	24	1.3	ND	**346**
MW-10	06/17/14	400.36	9.62	390.74	-	0.72	0.47 J	5.1	9.7	0.77 J	ND	**514**
MW-10	09/17/14	400.36	12.64	387.72	-	**302**	830	325	1320	**289**	**10,700**	**2,370**
MW-10	01/06/15	400.36	-	-	-	**5.4**	23.8	5.4	215	**35.6**	**1,210**	**443**

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
MW-10	03/04/15	400.36	1.98*	398.38*	-	ND	ND	ND	ND	ND	ND	**439**
MW-10	06/03/15	400.36	11.02	389.34	-	0.81	0.7	3.4	37.9	2.7	**352**	**302**
MW-10	09/04/15	400.36	12.04	388.32	-	0.57	ND	4.00	1.70	**29.50**	ND	ND
MW-10	12/16/15	400.36	20.28	380.08	-	**37.90**	172.0	82.5	481	**55.8**	**469**	**243**
MW-10	03/23/16	400.36	11.11	389.25	-	4.5	29.6	15.0	86.9	9.90	**347**	**178**
MW-10	06/01/16	400.36	11.46	388.90	-	2.7	28.8	10.4	74	19.00	**323**	**874**
Abandoned												
MW-11	12/28/09	401.07	11.85	389.22	-	**513**	317	278	726	**1,590**	-	**9,430**
MW-11	02/15/10	401.07	10.93	390.14	-	**1,010**	**1,550**	**759**	2,510	**2,690**	**4,430**	**24,300**
MW-11	04/11/11	401.07	12.28	388.79	-	**175**	125	140	245	**1,480**	**2,210**	**5,440**
MW-11	09/12/11	401.07	13.47	387.60	-	**16.4**	2.3	10.4	21.6	**596**	**1,660**	**1,230**
MW-11	12/23/11	401.07	12.15	388.92	-	**604**	**1,880**	594	2,490	**1,370**	**3,260**	**17,300**
MW-11	03/26/12	401.07	12.36	388.71	-	**940**	**3,480**	**859**	3,720	**1,400**	**5,320**	**36,500**
MW-11	06/21/12	401.07	13.55	387.52	-	**204**	467	252	694	**1,500**	**2,810**	**6,870**
MW-11	09/17/12	401.07	15.89	385.18	-	**10.6**	<2.3	21.4	7.7 J	**1,270**	**2,040**	**2,110**
MW-11	03/13/13	401.07	14.73	386.34	-	**597**	167	290	391	**972**	**8,450**	**2,070**
MW-11	06/19/13	401.07	13.46	387.61	-	**313**	36.4	150	167	**840**	**5,410**	**2,020**
MW-11	09/12/13	401.07	14.68	386.39	-	**322**	223	187	463	**1,140**	**6,300**	**1,770**
MW-11	12/05/13	401.07	16.63	384.44	-	**75.7**	11.2	58.7	84.7	**1,100**	**3,750**	**1,410**
MW-11	03/11/14	401.07	13.00	388.07	-	**8.4**	4.3	5.3	10.8	**163**	**459**	**654**
MW-11	06/03/14	401.07	10.63	390.44	-	**320**	378	261	798	**559**	**8,320**	**2,250**
MW-11	09/03/14	401.07	13.47	387.60	-	**679**	**1,810**	**791**	2,910	**915**	**26,400**	**3,320**
MW-11	12/11/14	401.07	13.06	388.01	-	**634**	**1,430**	**766**	2,880	**824**	**21,800**	**4,050**
MW-11	03/03/15	401.07	12.84	388.23	-	**44.3**	77.6	29.3	179	**252**	**1,140**	ND
MW-11	06/04/15	401.07	12.36	388.71	-	**456**	**1,020**	565	2,060	**501**	**12,900**	**4,180**
MW-11	09/04/15	401.07	12.80	388.27	-	**200**	369	198	825	**391**	**4,780**	**1,960**
MW-11	12/16/15	401.07	14.97	386.10	-	**69.9**	98.8	102	311	**519**	**1,770**	**1,450**
MW-11	03/22/16	401.07	11.86	389.21	-	**615**	993	**849**	2,660	**358**	**15,000**	**5,360**
MW-11	06/01/16	401.07	12.40	388.67	-	**327**	678	490	1,710	**307**	**8,740**	**5,430**
Abandoned												
MW-12	09/12/11	400.12	12.85	387.27	-	**1,150**	**4,460**	**2,140**	**10,700**	**95,900**	**16,800**	**161,000**
MW-12	12/23/11	400.12	11.50	388.62	-	**1,040**	**4,950**	**2,130**	**11,100**	**89,500**	**12,000**	**147,000**
MW-12	03/26/12	400.12	11.62	388.50	-	**1,170**	**3,080**	**1,930**	8,650	**82,800**	**19,500**	**191,000**
MW-12	06/21/12	400.12	13.05	387.07	-	**598**	**1,900**	**1,430**	6,200	**65,800**	**15,300**	**127,000**
MW-12	09/17/12	400.12	14.73	385.39	-	**60.5**	69.4	120	176	**4,220**	**1,040**	**5,530**
MW-12	03/14/13	400.12	-	-	-	0.92 J	ND	1.4	0.56 J	**119.0**	**290**	ND
MW-12	06/19/13	400.12	12.15	387.97	-	ND	ND	ND	ND	13.6	ND	**562**
MW-12	09/12/13	400.12	15.09	385.03	-	**24.6**	20.0	38.8	67.7	**333.0**	**990**	**715**
MW-12	12/13/13	400.12	15.65	384.47	-	0.55 J	1.1	1.0	9.4	**24.8**	ND	**137**
MW-12	03/12/14	400.12	11.47	388.65	-	0.46 J	ND	0.22 J	0.26 J	1.7	ND	**858**
MW-12	06/17/14	400.12	9.17	390.95	-	**12.4**	5.3	48.5	86.5	**22.2**	**1,470**	**412**
MW-12	09/04/14	400.12	12.00	388.12	-	**50.8**	104.0	65.2	441.0	**91.7**	**3,330**	**1,460**
MW-12	01/05/15	400.12	-	-	-	**5.0**	4.9	11.9	47.3	**73.3**	**860**	**242**
MW-12	06/04/15	400.12	1.89*	398.47	-	ND	ND	ND	ND	ND	ND	**169**
MW-12	03/04/15	400.12	2.55	397.57	-	ND	ND	ND	ND	ND	ND	**453**
MW-12	09/04/15	400.12	12.27	387.85	-	0.3	ND	ND	ND	1.6	ND	**226**
MW-12	12/16/15	400.12	14.39	385.73	-	0.5	1.3	1.5	4.1	9.1	ND	**420**
MW-12	03/23/16	400.12	8.40	391.72	-	1.6	11.3	4.2	25.8	5.0	**350**	**633**
MW-12	06/01/16	400.12	10.06	390.06	-	2.1	15.8	6.7	47.4	**23.6**	**280**	**586**
Abandoned												
MW-13	09/12/11	401.90	14.35	387.55	-	-	-	-	-	-	-	-
MW-13	12/23/11	401.90	13.07	388.83	-	<0.22	<0.15	<0.21	<0.17	<0.18	*	<16
MW-13	03/26/12	401.9	13.25	388.65	-	<0.22	<0.15	<0.21	<0.17	0.49 J	<3.5	<16
Abandoned												
MW-14	09/12/11	400.45	12.67	387.78	-	**8.8**	<0.73	<1.1	<0.87	**5,360**	**537**	**6,150**
MW-14	12/23/11	400.45	11.33	389.12	-	**13.6**	<1.5	<2.1	3.6 J	**3,730**	**332**	**4,570**
MW-14	03/26/12	400.45	11.35	389.10	-	**11.4**	<1.5	<2.1	<1.7	**1,900**	**826**	**3,720**
MW-14	06/21/12	400.45	12.36	388.09	-	**11.1 J**	<4.5	<4.6	<4.8	**2,290**	**808**	**4,060**
MW-14	09/17/12	400.45	14.49	385.96	-	**11.3**	<2.3	<2.3	<2.4	**3,310**	**388**	**4,260**
MW-14	03/13/13	400.45	13.62	386.83	-	**9.7**	ND	0.93 J	4.6	**3,160**	**5,210**	**560**
MW-14	06/19/13	400.45	12.38	388.07	-	**7.0**	ND	ND	ND	**2,720**	**3,950**	**440**

Table 1

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
MW-14	09/12/13	400.45	13.63	386.82	-	**13.4**	ND	ND	3 J	**4,300**	**6,340**	**500**
MW-14	12/06/13	400.45	15.31	385.14	-	**12.0**	ND	1.1 J	4.8 J	**5,140**	**7,950**	**380**
MW-14	03/11/14	400.45	12.21	388.24	-	**10.0**	ND	ND	ND	**3,270**	**5,450**	**290**
MW-14	06/03/14	400.45	9.80	390.65	-	**10.0**	ND	ND	ND	**2,470**	**4,930**	**240**
MW-14	09/03/14	400.45	12.67	387.78	-	**9.4**	ND	ND	ND	**3,340**	**5,580**	ND
MW-14	12/11/14	400.45	12.06	388.39	-	**7.7**	ND	ND	1.4	**2,990**	**4,820**	**210**
MW-14	03/03/15	400.45	11.92	388.53	-	**6.1**	ND	ND	ND	**2,610**	**3,210**	ND
MW-14	06/04/15	400.45	11.35	389.10	-	3.1	ND	ND	ND	**1,600**	**2,220**	**200**
MW-14	09/04/15	400.45	11.91	388.54	-	3.6	ND	ND	ND	**1,550**	**1,700**	**310**
MW-14	12/16/15	400.45	13.18	387.27	-	2.7	ND	ND	ND	**1,770**	**1,460**	**290**
MW-14	03/22/16	400.45	11.03	389.42	-	2.7	ND	ND	0.4	**1,140**	**1,360**	**270**
MW-14	06/01/16	400.45	11.36	389.09	-	2.3	ND	ND	ND	**946**	**1,150**	ND
MW-14	11/29/16	400.45	15.80	384.65	-	<1.4	<2.3	<2.0	<2.1	**1,100**	**218**	**1,130**
MW-14	02/09/17	400.45	15.87	384.58	-	1.6	<0.23	<0.20	0.29 J	**1,010**	**167**	**999**
MW-14	05/17/17	400.45	14.15	386.30	-	1.2 J	<1.1	<0.98	<1.0	**714**	**1,040**	**985**
MW-14	08/24/17	400.45	13.87	386.58	-	<0.17	<0.25	<0.22	<0.22	**365**	**245**	**954**
MW-14	11/20/17	400.45	15.17	385.28	-	1.8	<0.25	<0.22	0.28 J	**1,160**	**325**	**1,200**
MW-14	03/05/18	400.45	14.78	385.67	-	2.8	<0.25	<0.22	<0.22	**959**	**335**	**1,650**
MW-14	05/30/18	400.45	12.46	387.99	-	2.3	<0.99	<0.90	<0.86	**973**	**206**	**1,220**
MW-14	08/30/18	400.45	11.75	388.70	-	0.97	<0.53	<0.60	<0.59	**586**	**367**	**711**
MW-14	11/20/18	400.45	9.95	390.50	-	<0.43	<0.53	<0.60	<0.59	**88.6**	53	**114**
MW-14	02/21/19	400.45	7.90	392.55	-	<0.43	<0.53	<0.60	<0.59	16.8	**<53**	**<100**
MW-14	05/16/19	400.45	8.26	392.19	-	<0.43	<0.53	<0.60	<0.59	**20.5**	**234**	<42
MW-14	09/05/19	400.45	10.97	389.48	-	<0.43	<0.53	<0.60	<0.59	**30.1**	**<53**	**148**
MW-14	12/20/19	400.45	13.13	387.32	-	NS	NS	NS	NS	NS	NS	NS
MW-14	12/23/19	400.45	-	-	-	<0.43	<0.53	<0.60	<0.59	**24.2**	**<53**	**<100**
MW-14	03/09/20	400.45	11.63	388.82	-	<0.43	<0.53	<0.60	<0.59	**23.2**	**<53**	**<100**
MW-14	06/01/20	400.45	10.40	390.05	-	<0.43	<0.53	<0.60	<0.59	12.7	**<53**	**<100**
MW-14	08/19/20	400.45	12.28	388.17	-	<0.43	<0.53	<0.60	<0.59	12.6	**<53**	**<100**
MW-14	11/19/20	400.45	13.62	386.83	-	NS	NS	NS	NS	NS	NS	NS
MW-14	11/20/20	400.45	-	-	-	<0.43	<0.53	<0.60	<0.59	11.2	**<53**	**<100**
MW-14	02/17/21	400.45	11.69	388.76	-	<0.43	<0.53	<0.60	<0.59	7.4	**<53**	**<100**
MW-14	05/03/21	400.45	10.33	390.12	-	<0.43	<0.53	<0.60	<0.59	5.2	**221**	**<100**
MW-14	08/23/21	400.45	12.04	388.41	-	<0.43	<0.53	<0.60	<0.59	7.0	**<53**	**<100**
MW-14	11/29/21	400.45	13.33	387.12	-	<0.43	<0.53	<0.60	<0.59	5.6	**165**	**<100**
MW-14	03/24/22	400.45	13.35	387.10	-	<0.43	<0.53	<0.60	<0.59	4.4	**<53**	**<100**
MW-14	06/20/22	400.45	12.22	388.23	-	<0.43	<0.53	<0.60	<0.59	4.0	**106**	**110**
MW-15D	12/23/11	401.88	12.70	389.18	-	<0.22	<0.15	<0.21	<0.17	**31.7**	**130**	<16
MW-15D	03/26/12	401.88	13.00	388.88	-	<0.22	<0.15	<0.21	<0.17	1.9	<3.5	<16
MW-15D	06/21/12	401.88	14.30	387.58	-	<0.24	<0.23	<0.23	<0.24	0.53 J	**225**	<40
MW-15D	09/17/12	401.88	16.80	385.08	-	<0.24	<0.23	<0.23	<0.24	2.1	**161**	<40
MW-15D	03/13/13	401.88	15.40	386.48	-	ND	ND	ND	0.36 J	0.24 J	ND	**770**
MW-15D	06/20/13	401.88	14.11	387.77	-	ND	ND	ND	ND	0.25 J	ND	**420**
MW-15D	09/12/13	401.88	15.30	386.58	-	ND	ND	ND	ND	ND	ND	**240**
MW-15D	12/05/13	401.88	17.45	384.43	-	ND	ND	ND	ND	ND	ND	ND
MW-15D	03/11/14	401.88	13.54	388.34	-	ND	ND	ND	ND	ND	ND	**130**
MW-15D	06/03/14	401.88	11.20	390.68	-	ND	ND	ND	ND	0.48 J	ND	ND
MW-15D	09/03/14	401.88	14.01	387.87	-	ND	ND	ND	ND	ND	ND	ND
MW-15D	12/11/14	401.88	13.68	388.20	-	ND	ND	ND	1.2	0.55 J	ND	ND
MW-15D	03/04/15	401.88	14.60	387.28	-	ND	ND	ND	ND	ND	ND	ND
MW-15D	06/02/15	401.88	13.00	388.88	-	ND	ND	ND	ND	0.4	ND	ND
MW-15D	09/02/15	401.88	13.37	388.51	-	ND	ND	ND	ND	0.3	ND	**350**
MW-15D	12/14/15	401.88	15.60	386.28	-	ND	ND	ND	ND	0.4	ND	ND
MW-15D	03/22/16	401.88	12.32	389.56	-	ND	ND	ND	ND	0.5	ND	ND
MW-15D	03/22/16	401.88	12.95	388.93	-	ND	ND	ND	ND	0.4	ND	ND
MW-15D	11/29/16	401.88	19.50	382.38	-	<0.14	<0.23	<0.20	<0.21	<0.34	**138**	**<100**
MW-15D	02/09/17	401.88	17.99	383.89	-	<0.14	<0.23	<0.20	<0.21	<0.34	**198**	**<100**
MW-15D	05/17/17	401.88	16.12	385.76	-	<0.14	<0.23	<0.20	<0.21	<0.34	**<64**	**<100**
MW-15D	08/24/17	401.88	15.92	385.96	-	<0.17	<0.25	<0.22	<0.22	<0.25	**<83**	**<100**
MW-15D	11/20/17	401.88	17.39	384.49	-	<0.17	<0.25	<0.22	<0.22	0.46 J	**<83**	**<100**

Table 1

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
MW-15D	03/05/18	401.88	16.67	385.21	-	<0.17	<0.25	<0.22	<0.22	<0.25	**<83**	**<100**
MW-15D	05/30/18	401.88	13.98	387.90	-	NS	NS	NS	NS	NS	NS	NS
MW-15D	08/30/18	401.88	13.52	388.36	-	NS	NS	NS	NS	NS	NS	NS
MW-15D	11/20/18	401.88	11.03	390.85	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	**<100**
MW-15D	02/21/19	401.88	9.03	392.85	-	NS	NS	NS	NS	NS	NS	NS
MW-15D	05/16/19	401.88	9.55	392.33	-	NS	NS	NS	NS	NS	NS	NS
MW-15D	09/05/19	401.88	12.80	389.08	-	NS	NS	NS	NS	NS	NS	NS
MW-15D	12/20/19	401.88	15.01	386.87	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	**<100**
MW-15D	03/09/20	401.88	13.17	388.71	-	NS	NS	NS	NS	NS	NS	NS
MW-15D	06/01/20	401.88	11.93	389.95	-	NS	NS	NS	NS	NS	NS	NS
MW-15D	08/19/20	401.88	14.27	387.61	-	NS	NS	NS	NS	NS	NS	NS
MW-15D	11/19/20	401.88	15.40	386.48	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	**<100**
MW-15D	02/17/21	401.88	13.33	388.55	-	NS	NS	NS	NS	NS	NS	NS
MW-15D	05/03/21	401.88	12.00	389.88	-	NS	NS	NS	NS	NS	NS	NS
MW-15D	08/23/21	401.88	14.09	387.79	-	NS	NS	NS	NS	NS	NS	NS
MW-15D	11/29/21	401.88	15.20	386.68	-	<0.43	<0.53	<0.60	<0.59	<0.51	**360**	**<100**
MW-15D	03/24/22	401.88	15.31	386.57	-	NS	NS	NS	NS	NS	NS	NS
MW-15D	06/20/22	401.88	14.23	387.65	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	12/23/11	401.83	12.60	389.23	-	<0.22	<0.15	<0.21	<0.17	<0.18	<3.5	<16
MW-15S	03/26/12	401.83	12.87	388.96	-	<0.22	<0.15	<0.21	<0.17	<0.18	<3.5	<16
MW-15S	06/21/12	401.83	14.17	387.66	-	<0.24	<0.23	<0.23	<0.24	<0.16	<3.5	<40
MW-15S	09/17/12	401.83	16.69	385.14	-	<0.24	<0.23	<0.23	<0.24	<0.16	**<53**	<40
MW-15S	03/13/13	401.83	15.34	386.49	-	ND	ND	ND	ND	ND	ND	ND
MW-15S	06/20/13	401.83	13.99	387.84	-	ND	ND	ND	ND	ND	ND	ND
MW-15S	09/12/13	401.83	15.22	386.61	-	ND	ND	ND	ND	ND	ND	ND
MW-15S	12/05/13	401.83	17.35	384.48	-	ND	ND	ND	ND	ND	ND	ND
MW-15S	03/11/14	401.83	13.51	388.32	-	ND	ND	ND	ND	ND	ND	ND
MW-15S	06/03/14	401.83	11.16	390.67	-	ND	ND	ND	ND	ND	ND	ND
MW-15S	09/03/14	401.83	13.93	387.90	-	ND	ND	ND	ND	ND	ND	ND
MW-15S	12/11/14	401.83	13.56	388.27	-	ND	ND	ND	ND	ND	ND	ND
MW-15S	03/04/15	401.83	13.51	388.32	-	ND	ND	ND	ND	ND	ND	ND
MW-15S	06/03/15	401.83	12.89	388.94	-	ND	ND	ND	ND	ND	ND	ND
MW-15S	09/02/15	401.83	13.29	388.54	-	ND	ND	ND	ND	ND	ND	**210**
MW-15S	12/14/15	401.83	15.50	386.33	-	ND	ND	ND	ND	ND	ND	**100**
MW-15S	03/22/16	401.83	12.25	389.58	-	ND	ND	ND	ND	ND	ND	ND
MW-15S	05/31/16	401.83	12.84	388.99	-	ND	ND	ND	ND	ND	ND	**210**
MW-15S	11/29/16	401.83	18.18	383.65	-	<0.14	<0.23	<0.20	<0.21	<0.34	**<64**	**<100**
MW-15S	02/09/17	401.83	17.87	383.96	-	<0.14	<0.23	<0.20	<0.21	<0.34	**<64**	**<100**
MW-15S	05/17/17	401.83	15.99	385.84	-	<0.14	<0.23	<0.20	<0.21	<0.34	**<64**	**<100**
MW-15S	08/24/17	401.83	15.83	386.00	-	<0.17	<0.25	<0.22	<0.22	<0.25	**<83**	**<100**
MW-15S	11/20/17	401.83	17.30	384.53	-	<0.17	<0.25	<0.22	<0.22	<0.25	**<83**	**<100**
MW-15S	03/05/18	401.83	16.52	385.31	-	<0.17	<0.25	<0.22	<0.22	<0.25	**151**	**<100**
MW-15S	05/30/18	401.83	13.85	387.98	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	08/30/18	401.83	13.42	388.41	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	11/20/18	401.83	10.88	390.95	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	**<100**
MW-15S	02/21/19	401.83	8.89	392.94	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	05/16/19	401.83	9.32	392.51	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	09/05/19	401.83	12.67	389.16	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	12/20/19	401.83	14.81	387.02	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	**<100**
MW-15S	03/09/20	401.83	13.04	388.79	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	06/01/20	401.83	11.81	390.02	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	08/19/20	401.83	14.15	387.68	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	11/19/20	401.83	15.21	386.62	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	**<100**
MW-15S	02/17/21	401.83	13.20	388.63	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	05/03/21	401.83	11.85	389.98	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	08/23/21	401.83	13.98	387.85	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	11/29/21	401.83	15.20	386.63	-	<0.43	<0.53	<0.60	<0.59	<0.51	<39	**<100**
MW-15S	03/24/22	401.83	15.18	386.65	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	06/20/22	401.83	14.11	387.72	-	NS	NS	NS	NS	NS	NS	NS

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GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
MW-16	09/12/11	401.03	13.47	387.56	-	-	-	-	-	-	-	-
MW-16	12/23/11	401.03	12.11	388.92	-	**16.4 J**	<2.9	4.9 J	5.2 J	**11,000**	*	**13,300**
MW-16	03/26/12	401.03	12.35	388.68	-	**30.1**	10.5 J	<4.2	225	**7,660**	**2,210**	**12,800**
Abandoned												
MW-16S	09/10/13	398.64	-	-	-	**106.0**	ND	ND	ND	**1,470**	ND	ND
MW-16S	10/09/13	398.64	16.59	382.05	-	**132.0**	ND	ND	2.6	**1,450**	**2,240**	**200**
MW-16S	11/15/13	398.64	-	-	-	**157.0**	ND	ND	ND	**2,330**	**2,770**	**110**
MW-16S	12/05/13	398.64	17.53	381.11	-	**129.0**	ND	ND	1.4 J	**2,260**	**3,350**	ND
MW-16S	03/11/14	398.64	14.58	384.06	-	**111.0**	ND	ND	ND	**2,330**	**3,020**	**160**
MW-16S	06/03/14	398.64	14.61	384.03	-	**142.0**	ND	ND	ND	**1,720**	**2,560**	ND
MW-16S	09/04/14	398.64	14.56	384.08	-	**82.8**	ND	ND	ND	**922**	**1,520**	ND
MW-16S	12/11/14	398.64	14.56	384.08	-	**92.3**	ND	ND	1.0	**1,310**	**2,130**	ND
MW-16S	03/03/15	398.64	14.32	384.32	-	**37.5**	ND	ND	ND	**1,130**	**1,480**	ND
MW-16S	06/03/15	398.64	13.50	385.14	-	**33.8**	ND	ND	ND	**664**	**1,010**	**190**
MW-16S	09/03/15	398.64	13.93	384.71	-	**7.3**	ND	0.6	ND	**463**	**430**	**310**
MW-16S	12/15/15	398.64	16.00	382.64	-	**83.0**	ND	ND	ND	**1,340**	**1,330**	**160**
MW-16S	03/23/16	398.64	13.29	385.35	-	**59.2**	ND	ND	ND	**809**	**1,030**	ND
MW-16S	05/31/16	398.64	13.54	385.10	-	**23.7**	ND	0.2	ND	**584.0**	**680**	ND
MW-16S	11/29/16	398.64	18.15	380.49	-	**87.3**	<1.1	<0.98	<1.0	**1,780**	**<69**	**1,087**
MW-16S	02/09/17	398.64	17.96	380.68	-	**75.1**	<2.3	<2.0	<2.1	**3,680**	**<64**	**3,310**
MW-16S	05/15/17	398.64	16.33	382.31	-	**57.2**	<1.1	<0.98	<1.0	**2,340**	**<64**	**2,650**
MW-16S	08/24/17	398.64	16.32	382.32	-	**76.7**	<0.25	<0.22	<0.22	**2,430**	**157**	**2,370**
MW-16S	11/20/17	398.64	17.48	381.16	-	**62.0**	<0.25	<0.22	<0.22	**1,820**	**246**	**1,900**
MW-16S	03/05/18	398.64	17.33	381.31	-	**55.4**	<1.2	<1.1	<1.1	**2,090**	**143**	**2,430**
MW-16S	05/30/18	398.64	14.73	383.91	-	**45.7**	<1.2	<1.1	<1.1	**1,500**	**253**	**1,920**
MW-16S	08/30/18	398.64	14.33	384.31	-	**12.2**	<0.53	<0.60	<0.59	**399**	**597**	**546**
MW-16S	11/20/18	398.64	12.57	386.07	-	**33.5**	<0.53	<0.60	<0.59	**999**	**<53**	**1,030**
MW-16S	02/21/19	398.64	10.73	387.91	-	**48.3**	<1.3	<1.5	<1.5	**909**	**<53**	**1,040**
MW-16S	05/16/19	398.64	10.96	387.68	-	**26.1**	<0.53	<0.60	<0.59	**410**	**<53**	**456**
MW-16S	09/05/19	398.64	13.69	384.95	-	**35.3**	<0.53	<0.60	<0.59	**334**	**<53**	**430**
MW-16S	12/20/19	398.64	15.70	382.94	-	-	-	-	-	-	-	-
MW-16S	12/23/19	398.64	-	-	-	**51.7**	<2.5	<3.0	<3.0	**1,210**	**<53**	**1,420**
MW-16S	03/09/20	398.64	14.10	384.54	-	**53.4**	<0.53	<0.60	<0.59	**1,050**	**<53**	**1,160**
MW-16S	06/01/20	398.64	12.90	385.74	-	**36.6**	<0.53	<0.60	<0.59	**683**	**518**	**595**
MW-16S	08/19/20	398.64	14.98	383.66	-	**30.8**	<0.53	<0.60	<0.59	**515**	**<53**	**585**
MW-16S	11/19/20	398.64	16.21	382.43	-	NS	NS	NS	NS	NS	NS	NS
MW-16S	11/20/20	398.64	-	-	-	**41.0**	<2.7	<3.0	<3.0	**1,120**	**<53**	**1,090**
MW-16S	02/17/21	398.64	14.23	384.41	-	**38.5**	<2.7	<3.0	<3.0	**947**	**255**	**1,040**
MW-16S	05/03/21	398.64	12.67	385.97	-	**30.8**	<2.7	<3.0	<3.0	**671**	**290**	**708**
MW-16S	08/23/21	398.64	14.68	383.96	-	**45.1**	<2.7	<3.0	<3.0	**640**	**<53**	**707**
MW-16S	11/29/21	398.64	15.79	382.85	-	**36.1**	<2.7	<3.0	<3.0	**713**	**385**	**923**
MW-16S	03/24/22	398.64	15.78	382.86	-	**42.6**	<2.1	<2.4	<2.4	**1,070**	**<50**	**1,330**
MW-16S	06/20/22	398.64	14.65	383.99	-	**34.5**	<1.1	<1.2	<1.2	**640**	**192**	**923**
MW-16I	09/13/13	398.13	17.48	380.65	-	**188.0**	3.1	ND	2.5	**4,300**	ND	ND
MW-16I	11/15/13	398.13	-	-	-	**164.0**	ND	ND	ND	**4,180**	**4,220**	**410**
MW-16I	12/05/13	398.13	17.32	380.81	-	**136.0**	ND	ND	ND	**4,150**	**5,980**	**140**
MW-16I	03/11/14	398.13	14.16	383.97	-	**117.0**	ND	ND	ND	**4,090**	**5,060**	**120**
MW-16I	06/03/14	398.13	11.91	386.22	-	**104.0**	ND	ND	ND	**4,050**	**5,900**	ND
MW-16I	09/04/14	398.13	13.98	384.15	-	**129.0**	ND	ND	ND	**3,950**	**5,540**	ND
MW-16I	12/11/14	398.13	14.15	383.98	-	**166.0**	ND	ND	1.4	**4,180**	**5,960**	ND
MW-16I	03/03/15	398.13	14.32	383.81	-	4.6	ND	ND	ND	**3,650**	**4,450**	ND
MW-16I	06/03/15	398.13	13.02	385.11	-	**81.7**	ND	ND	ND	**3,920**	**4,790**	ND
MW-16I	09/03/15	398.13	13.81	384.32	-	**129.0**	ND	ND	ND	**3,940**	**4,140**	**120**
MW-16I	12/15/15	398.13	15.70	382.43	-	**121.0**	ND	ND	ND	**3,550**	**3,680**	**90**
MW-16I	03/21/16	398.13	12.81	385.32	-	**72.9**	ND	ND	ND	**4,300**	**4,610**	ND
MW-16I	05/31/16	398.13	13.13	385.00	-	**96.7**	ND	ND	ND	**5,570**	**4,520**	ND
MW-16I	11/29/16	398.13	17.68	380.45	-	**130.0**	<1.1	<0.98	<1.0	**4,180**	**180**	**3,780**
MW-16I	02/09/17	398.13	18.17	379.96	-	**63.0**	<0.45	<0.39	<0.41	**1,860**	**177**	**1,720**
MW-16I	05/15/17	398.13	16.08	382.05	-	**32.4**	<2.3	<2.0	<2.1	**4,580**	**<64**	**4,550**
MW-16I	08/24/17	398.13	16.27	381.86	-	**93.0**	<6.2	<5.6	<5.4	**3,960**	**131**	**3,780**
MW-16I	11/20/17	398.13	17.10	381.03	-	**93.2**	<6.2	<5.6	<5.4	**3,980**	**216**	**3,740**

Table 1

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
MW-16I	03/05/18	398.13	17.12	381.01	-	**14.5**	<2.5	<2.2	<2.2	**4,180**	**137**	**4,460**
MW-16I	05/30/18	398.13	14.80	383.33	-	**15.9**	<2.5	<2.2	<2.2	**4,110**	**114**	**4,590**
MW-16I	08/30/18	398.13	14.17	383.96	-	**64.0**	<11	<12	<12	**3,980**	**368**	**4,910**
MW-16I	11/20/18	398.13	12.23	385.90	-	**36.2**	<0.53	<0.60	<0.59	**4,330**	**<53**	**4,150**
MW-16I	02/21/19	398.13	10.70	387.43	-	**35.0**	<5.3	<6.0	<5.9	**4,030**	**<53**	**3,980**
MW-16I	05/16/19	398.13	10.52	387.61	-	**37.1**	<5.3	<6.0	<5.9	**4,320**	**<53**	**3,660**
MW-16I	09/05/19	398.13	13.20	384.93	-	**77.3**	<13	<15	<15	**3,910**	**<53**	**4,210**
MW-16I	12/20/19	398.13	15.48	382.65	-	NS	NS	NS	NS	NS	NS	NS
MW-16I	12/23/19	398.13	-	-	-	**48.2**	<5.3	<6.0	<5.9	**3,470**	**<53**	**3,750**
MW-16I	03/09/20	398.13	13.70	384.43	-	**27.3**	<0.53	<0.60	<0.59	**3,830**	**<53**	**3,710**
MW-16I	06/01/20	398.13	12.76	385.37	-	**8.8**	<5.3	<6.0	<5.9	**3,530**	**<53**	**3,390**
MW-16I	08/19/20	398.13	14.60	383.53	-	**54.4**	<11	<12	<12	**3,670**	**<53**	**3,080**
MW-16I	11/19/20	398.13	16.03	382.10	-	NS	NS	NS	NS	NS	NS	NS
MW-16I	11/20/20	398.13	-	-	-	**54.4**	<5.3	<6.0	<5.9	**4,380**	**<53**	**3,500**
MW-16I	02/17/21	398.13	13.95	384.18	-	**23.4**	<11	<12	<12	**3,820**	**<53**	**3,520**
MW-16I	05/03/21	398.13	12.23	385.90	-	**11.6**	<11	<12	<12	**3,930**	**181**	**3,350**
MW-16I	08/23/21	398.13	14.32	383.81	-	**54.8**	<5.3	<6	<5.9	**3,570**	**<53**	**3,530**
MW-16I	11/29/21	398.13	15.40	382.73	-	**41.1**	<13	<15	<15	**3,040**	<38	**3,370**
MW-16I	03/24/22	398.13	15.65	382.48	-	**30.8**	<11	<12	<12	**3,710**	**<57**	**3,750**
MW-16I	06/20/22	398.13	14.54	383.59	-	**25.2**	<11	<12	<12	**3,220**	**115**	**3,830**
MW-16D	09/13/13	398.22	17.06	381.16	-	ND	1.1	ND	ND	**636**	ND	ND
MW-16D	09/16/13	398.22	-	-	-	**149.0**	ND	ND	ND	**3,780**	ND	ND
MW-16D	11/15/13	398.22	-	-	-	ND	ND	ND	ND	**284**	**420**	ND
MW-16D	12/05/13	398.22	17.90	380.32	-	ND	ND	ND	ND	**96.8**	ND	ND
MW-16D	03/11/14	398.22	15.28	382.94	-	ND	ND	ND	ND	5.2	ND	ND
MW-16D	06/03/14	398.22	12.67	385.55	-	0.22 J	ND	ND	ND	13.4	ND	ND
MW-16D	09/04/14	398.22	15.01	383.21	-	ND	ND	ND	ND	3.3	ND	ND
MW-16D	12/11/14	398.22	14.69	383.53	-	0.43 J	ND	0.46 J	3.2	13.9	ND	ND
MW-16D	03/03/15	398.22	14.68	383.54	-	ND	ND	ND	0.9	4.5	ND	ND
MW-16D	06/03/15	398.22	13.92	384.30	-	ND	ND	ND	ND	1.4	ND	ND
MW-16D	09/03/15	398.22	14.37	383.85	-	ND	ND	ND	ND	2.0	ND	**500**
MW-16D	12/15/15	398.22	16.21	382.01	-	ND	ND	ND	ND	17.0	ND	ND
MW-16D	03/21/16	398.22	13.60	384.62	-	ND	ND	ND	ND	8.9	ND	ND
MW-16D	05/31/16	398.22	13.90	384.32	-	ND	ND	ND	ND	4.6	ND	ND
MW-16D	11/29/16	398.22	18.50	379.72	-	<0.14	<0.23	<0.20	<0.21	1.8	**<64**	**<100**
MW-16D	02/09/17	398.22	18.51	379.71	-	<0.14	<0.23	<0.20	<0.21	<0.34	**138**	**<100**
MW-16D	05/15/17	398.22	16.70	381.52	-	<0.14	<0.23	<0.20	<0.21	<0.34	**<64**	**<100**
MW-16D	08/24/17	398.22	16.75	381.47	-	<0.17	<0.25	<0.22	<0.22	0.59	**<83**	**<100**
MW-16D	11/20/17	398.22	17.82	380.40	-	<0.17	<0.25	<0.22	<0.22	14.8	**94.4**	**<100**
MW-16D	03/05/18	398.22	17.62	380.60	-	<0.17	<0.25	<0.22	<0.22	**55.5**	**137**	**121**
MW-16D	05/30/18	398.22	15.03	383.19	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	08/30/18	398.22	14.78	383.44	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	11/20/18	398.22	12.90	385.32	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	**<100**
MW-16D	02/21/19	398.22	11.18	387.04	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	05/16/19	398.22	11.52	386.70	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	09/05/19	398.22	14.15	384.07	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	12/20/19	398.22	15.87	382.35	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	12/23/19	398.22	-	-	-	<0.43	<0.53	<0.60	<0.59	1.6	**120**	**<100**
MW-16D	03/09/20	398.22	14.42	383.80	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	06/01/20	398.22	13.30	384.92	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	08/19/20	398.22	15.45	382.77	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	11/19/20	398.22	16.51	381.71	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	11/20/20	398.22	-	-	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	**<100**
MW-16D	02/17/21	398.22	14.57	383.65	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	05/03/21	398.22	13.03	385.19	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	08/23/21	398.22	15.17	383.05	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	11/29/21	398.22	16.15	382.07	-	<0.43	<0.53	<0.60	<.59	**531**	**147**	**558**
MW-16D	03/24/22	398.22	16.25	381.97	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	06/20/22	398.22	15.20	383.02	-	NS	NS	NS	NS	NS	NS	NS

Table 1

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
MW-17S	06/02/14	388.11	-	-	-	ND	ND	ND	ND	0.3 J	NA	NA
MW-17S	08/14/14	388.11	-	-	-	ND	ND	ND	ND	ND	ND	**260**
MW-17S	09/03/14	388.11	8.38	379.73	-	ND	ND	ND	ND	ND	ND	ND
MW-17S	12/12/14	388.11	7.74	380.37	-	ND	ND	ND	ND	ND	ND	ND
MW-17S	03/03/15	388.11	8.11	380.00	-	ND	ND	ND	ND	ND	ND	ND
MW-17S	06/04/15	388.11	7.50	380.61	-	ND	ND	ND	ND	ND	ND	**120**
MW-17S	09/02/15	388.11	8.01	380.10	-	ND	ND	ND	ND	ND	ND	**120**
MW-17S	12/14/15	388.11	8.86	379.25	-	ND	ND	ND	ND	ND	ND	**120**
MW-17S	03/21/16	388.11	6.82	381.29	-	ND	ND	ND	ND	ND	ND	**150**
MW-17S	05/31/16	388.11	7.21	380.90	-	ND	ND	ND	ND	ND	ND	ND
MW-17S	11/29/16	388.11	11.75	376.36	-	<0.14	<0.23	<0.20	<0.21	<0.34	**<64**	**<100**
MW-17S	02/09/17	388.11	11.03	377.08	-	<0.14	<0.23	<0.20	<0.21	<0.34	**248**	**<100**
MW-17S	05/15/17	388.11	9.17	378.94	-	<0.14	<0.23	<0.20	<0.21	<0.34	**<64**	**<100**
MW-17S	08/24/17	388.11	8.99	379.12	-	<0.17	<0.25	<0.22	<0.22	<0.25	**152**	**<100**
MW-17S	11/20/17	388.11	10.57	377.54	-	<0.17	<0.25	<0.22	<0.22	<0.25	**209**	**<100**
MW-17S	03/05/18	388.11	9.11	379.00	-	<0.17	<0.25	<0.22	<0.22	<0.25	**95.3**	**<100**
MW-17S	05/30/18	388.11	7.27	380.84	-	NS	NS	NS	NS	NS	NS	NS
MW-17S	08/30/18	388.11	7.79	380.32	-	NS	NS	NS	NS	NS	NS	NS
MW-17S	11/20/18	388.11	4.99	383.12	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	**<100**
MW-17S	02/21/19	388.11	4.75	383.36	-	NS	NS	NS	NS	NS	NS	NS
MW-17S	05/16/19	388.11	5.40	382.71	-	<0.43	<0.53	<0.60	<0.59	3.5	**<53**	<42
MW-17S	09/05/19	388.11	8.41	379.70	-	NS	NS	NS	NS	NS	NS	NS
MW-17S	12/20/19	388.11	8.37	379.74	-	NS	NS	NS	NS	NS	NS	NS
MW-17S	12/23/19	388.11	-	-	-	<0.43	<0.53	<0.60	<0.59	0.66	**<53**	**<100**
MW-17S	03/09/20	388.11	7.49	380.62	-	NS	NS	NS	NS	NS	NS	NS
MW-17S	06/01/20	388.11	7.07	381.04	-	<0.43	<0.53	<0.56	<0.59	<0.51	**259**	**<100**
MW-17S	08/19/20	388.11	8.72	379.39	-	NS	NS	NS	NS	NS	NS	NS
MW-17S	11/19/20	388.11	8.70	379.41	-	<0.43	<0.53	<0.60	<0.59	<0.51	**135**	**<100**
MW-17S	02/17/21	388.11	Covered with snow - unable to gauge									
MW-17S	05/03/21	388.11	7.13	380.98	-	<0.43	<0.53	<0.60	<0.59	<0.51	**148**	**<100**
MW-17S	08/23/21	388.11	9.02	379.09	-	NS	NS	NS	NS	NS	NS	NS
MW-17S	11/29/21	388.11	9.45	378.66	-	<0.43	<0.53	<0.60	<0.59	<0.51	<41	**<100**
MW-17S	03/24/22	388.11	9.15	378.96	-	NS	NS	NS	NS	NS	NS	NS
MW-17S	06/20/22	388.11	8.80	379.31	-	0.43	<0.53	<0.60	<0.59	<0.51	**<53**	**<110**
MW-17I	08/14/14	388.56	9.10	379.46	-	ND	0.8	ND	ND	5.3	ND	**780**
MW-17I	09/03/14	388.56	8.26	380.30	-	ND	0.4	ND	ND	3.7	ND	ND
MW-17I	12/12/14	388.56	8.72	379.84	-	ND	ND	ND	1.4	2.7	ND	**300**
MW-17I	06/02/15	388.56	8.06	380.50	-	ND	ND	ND	ND	0.8	ND	ND
MW-17I	09/02/15	388.56	12.86	375.70	-	ND	ND	ND	ND	0.80 J	ND	**220**
MW-17I	12/14/15	388.56	9.40	379.16	-	ND	ND	ND	ND	0.9	ND	ND
MW-17I	03/21/16	388.56	7.49	381.07	-	ND	ND	ND	ND	0.3	ND	ND
MW-17I	05/31/16	388.56	8.27	380.29	-	ND	ND	ND	ND	0.5	ND	ND
MW-17I	11/29/16	388.56	12.21	376.35	-	<0.14	<0.23	<0.20	<0.21	<0.34	**103**	**<100**
MW-17I	02/09/17	388.56	10.48	378.08	-	<0.14	<0.23	<0.20	<0.20	<0.34	**175**	**<100**
MW-17I	05/15/17	388.56	9.77	378.79	-	<0.14	<0.23	<0.20	<0.20	<0.34	**<64**	**<100**
MW-17I	08/24/17	388.56	9.77	378.79	-	<0.17	<0.25	<0.22	<0.22	0.31 J	**<83**	**<100**
MW-17I	11/20/17	388.56	11.05	377.51	-	<0.17	<0.25	<0.22	<0.22	0.28 J	**204**	**<100**
MW-17I	03/05/18	388.56	9.76	378.80	-	<0.17	<0.25	<0.22	<0.22	<0.25	**99.7**	**<100**
MW-17I	05/30/18	388.56	7.78	380.78	-	NS	NS	NS	NS	NS	NS	NS
MW-17I	08/30/18	388.56	8.52	380.04	-	NS	NS	NS	NS	NS	NS	NS
MW-17I	11/20/18	388.56	5.78	382.78	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	**<100**
MW-17I	02/21/19	388.56	5.78	382.78	-	NS	NS	NS	NS	NS	NS	NS
MW-17I	05/16/19	388.56	6.10	382.46	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	<42
MW-17I	09/05/19	388.56	8.22	380.34	-	NS	NS	NS	NS	NS	NS	NS
MW-17I	12/20/19	388.56	9.22	379.34	-	NS	NS	NS	NS	NS	NS	NS
MW-17I	12/23/19	388.56	-	-	-	<0.43	<0.53	<0.60	<0.59	<0.51	**172**	**<100**
MW-17I	03/09/20	388.56	8.06	380.50	-	NS	NS	NS	NS	NS	NS	NS
MW-17I	06/01/20	388.56	7.57	380.99	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	**<100**
MW-17I	08/19/20	388.56	9.29	379.27	-	NS	NS	NS	NS	NS	NS	NS

Table 1

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
MW-17I	11/19/20	388.56	9.15	379.41	-	<0.43	<0.53	<0.60	<0.59	<0.51	**201**	**<100**
MW-17I	02/17/21	388.56	8.1	380.46	-	NS	NS	NS	NS	NS	NS	NS
MW-17I	05/03/21	388.56	7.73	380.83	-	<0.43	<0.53	<0.60	<0.59	<0.51	**185**	**<100**
MW-17I	08/23/21	388.56	9.05	379.51	-	NS	NS	NS	NS	NS	NS	NS
MW-17I	11/29/21	388.56	9.94	378.62	-	<0.43	<0.53	<0.60	<0.59	<0.51	<40	**<100**
MW-17I	03/24/22	388.56	9.82	378.74	-	NS	NS	NS	NS	NS	NS	NS
MW-17I	06/20/22	388.56	9.12	379.44	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<92.5**	**<110**
MW-17D	08/14/14	388.54	60.67	327.87	-	ND	2.1	ND	ND	5.3	**210**	NA
MW-17D	09/03/14	388.54	16.75	371.79	-	ND	1.3	ND	ND	3.7	ND	**830**
MW-17D	12/11/14	388.54	-	-	-	ND	0.5	0.5	3.8	1.1	ND	ND
MW-17D	06/02/15	388.54	106.81	281.73	-	ND	0.4	ND	ND	0.4	ND	**230**
MW-17D	09/02/15	388.54	39.12	349.42	-	ND	0.3	ND	ND	0.3	ND	**270**
MW-17D	12/14/15	388.54	20.59	367.95	-	ND	0.4	ND	ND	0.5	ND	**140**
MW-17D	03/21/16	388.54	12.88	375.66	-	ND	0.4	ND	ND	0.5	ND	ND
MW-17D	05/31/16	388.54	16.27	372.27	-	ND	0.3	ND	ND	0.4	ND	ND
MW-17D	11/29/16	388.54	21.63	366.91	-	<0.14	<0.23	<0.20	<0.21	<0.34	**349**	**<100**
MW-17D	02/09/17	388.54	19.41	369.13	-	<0.14	<0.23	<0.20	<0.21	<0.34	**193**	**<100**
MW-17D	05/15/17	388.54	46.82	341.72	-	<0.14	<0.23	<0.20	<0.21	<0.34	**<64**	**<100**
MW-17D	08/24/17	388.54	26.02	362.52	-	<0.17	0.27 J	<0.22	<0.22	0.34 J	**247**	**<100**
MW-17D	11/20/17	388.54	26.63	361.91	-	<0.17	0.26 J	<0.22	<0.22	0.31 J	**452**	**<100**
MW-17D	03/05/18	388.54	24.60	363.94	-	<0.17	<0.25	<0.22	<0.22	<0.25	**512**	**<100**
MW-17D	05/30/18	388.54	24.03	364.51	-	NS	NS	NS	NS	NS	NS	NS
MW-17D	08/30/18	388.54	15.74	372.80	-	NS	NS	NS	NS	NS	NS	NS
MW-17D	11/20/18	388.54	12.18	376.36	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	**<100**
MW-17D	02/21/19	388.54	20.80	367.74	-	NS	NS	NS	NS	NS	NS	NS
MW-17D	05/16/19	388.54	14.38	374.16	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<53**	<42
MW-17D	09/05/19	388.54	22.00	366.54	-	NS	NS	NS	NS	NS	NS	NS
MW-17D	12/20/19	388.54	16.37	372.17	-	NS	NS	NS	NS	NS	NS	NS
MW-17D	12/23/19	388.54	-	-	-	<0.43	<0.53	<0.60	<0.59	<0.51	**244**	**<100**
MW-17D	03/09/20	388.54	13.67	374.87	-	NS	NS	NS	NS	NS	NS	NS
MW-17D	06/01/20	388.54	11.25	377.29	-	<0.43	<0.53	<0.60	<0.59	<0.51	**206**	**<100**
MW-17D	08/19/20	388.54	11.65	376.89	-	NS	NS	NS	NS	NS	NS	NS
MW-17D	11/19/20	388.54	11.21	377.33	-	<0.43	<0.53	<0.60	<0.59	<0.51	**527**	**<100**
MW-17D	02/17/21	388.54	24.70	363.84	-	NS	NS	NS	NS	NS	NS	NS
MW-17D	05/03/21	388.54	16.60	371.94	-	<0.43	<0.53	<0.60	<0.59	<0.51	**402**	**<100**
MW-17D	08/23/21	388.54	18.25	370.29	-	NS	NS	NS	NS	NS	NS	NS
MW-17D	11/29/21	388.54	14.30	374.24	-	<0.43	<0.53	<0.60	<0.59	<0.51	**126**	**<100**
MW-17D	03/24/22	388.54	11.98	376.56	-	NS	NS	NS	NS	NS	NS	NS
MW-17D	06/20/22	388.54	11.13	377.41	-	<0.43	<0.53	<0.60	<0.59	<0.51	**<306**	**<110**
MW-21S	12/20/2019	400.19	13.43	386.76	-	**9.9**	<2.7	<3.0	<3.0	**1,790**	**116**	**2,060**
MW-21S	3/9/2020	400.19	12.28	387.91	-	**26.8**	<0.53	<0.60	<0.59	**2,170**	**<53**	**2,190**
MW-21S	6/1/2020	400.19	11.16	389.03	-	**31**	<0.53	<6.0	<5.9	**2,640**	**162**	**2,110**
MW-21S	08/19/20	400.19	12.67	387.52	-	**26.3**	<5.3	<6.0	<5.9	**1,930**	**<53**	**1,830**
MW-21S	11/19/20	400.19	13.91	386.28	-	**19.6**	<5.3	<6.0	15.3	**1,490**	**<53**	**1,390**
MW-21S	02/17/21	400.19	12.33	387.86	-	**21.9**	<1.3	<1.5	<1.5	**1,710**	**<53**	**1,540**
MW-21S	05/03/21	400.19	11.01	389.18	-	**30.7**	<5.3	<6.0	<5.9	**1,940**	**219**	**1,870**
MW-21S	08/23/21	400.19	12.42	387.77	-	**25.9**	<2.7	<3.0	<3.0	**1,530**	**<53**	**1,560**
MW-21S	11/29/21	400.19	13.56	386.63	-	**17.2**	<2.7	<3.0	<3.0	**860**	**266**	**1,060**
MW-21S	03/24/22	400.19	13.62	386.57	-	**11.6**	<1.3	<1.5	<1.5	**727**	**173**	**966**
MW-21S	06/20/22	400.19	12.55	387.64	-	**15.1**	<2.1	<2.4	<2.4	**880**	**179**	**1,100**
MW-21I	12/20/2019	400.03	14.05	385.98	-	<4.3	<5.3	<6.0	<5.9	**3,040**	**143**	**3,180**
MW-21I	3/9/2020	400.03	12.62	387.41	-	9.7	<0.53	<0.60	<0.59	**3,810**	**<53**	**3,950**
MW-21I	6/1/2020	400.03	13.30	386.73	-	<4.3	<5.3	<6.0	<5.9	**3,090**	**<53**	**2,460**
MW-21I	08/19/20	400.03	12.40	387.63	-	<8.5	<11	<12	<12	**3,860**	**<53**	**3,230**
MW-21I	11/19/20	400.03	14.35	385.68	-	**<11**	<13	<15	<15	**4,170**	**368**	**3,530**
MW-21I	02/17/21	400.03	13.43	386.6	-	2.5	<2.7	<3.0	<3.0	**3,530**	**240**	**3,060**
MW-21I	05/03/21	400.03	11.86	388.17	-	<8.5	<11	<12	<12	**3,730**	**186**	**3,440**
MW-21I	08/23/21	400.03	12.07	387.96	-	<4.3	<5.3	<6.0	<5.9	**3,780**	**<53**	**3,510**

Table 1

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
MW-21I	11/29/21	400.03	13.71	386.32	-	**9.2**	<2.7	<3.0	<3.0	**2,000**	**91.5**	**2,170**
MW-21I	03/24/22	400.03	14.12	385.91	-	<4.3	<5.3	<6.0	<5.9	**2,440**	**248**	**2,520**
MW-21I	06/20/22	400.03	13.43	386.6	-	**21.6**	<5.3	<6.0	<5.9	**3,890**	**166**	**4,400**
MW-21D	12/20/2019	400.55	175.45	225.10	-	**14.8**	5.7	<3.0	<3.0	**1,540**	**166**	**1,650**
MW-21D	3/9/2020	400.55	23.17	377.38	-	**6.2**	1.9	<0.60	<0.59	**736**	**<53**	**807**
MW-21D	6/1/2020	400.55	14.90	385.65	-	4.5	1.4	<0.60	<0.59	**565**	**<53**	**664**
MW-21D	08/19/20	400.55	15.70	384.85	-	3.2	1.1	<0.60	<0.59	**650**	**<53**	**647**
MW-21D	11/19/20	400.55	17.30	383.25	-	<2.1	<2.7	<3.0	<3.0	**721**	**155**	**676**
MW-21D	02/17/21	400.55	15.32	385.23	-	1.1	0.55	<0.60	<0.59	**591**	**<53**	**669**
MW-21D	05/03/21	400.55	13.42	387.13	-	<2.1	<2.7	<3.0	<3.0	**609**	**157**	**595**
MW-21D	08/23/21	400.55	14.44	386.11	-	0.79	<0.53	<0.60	<0.59	**573**	**83**	**592**
MW-21D	11/29/21	400.55	16.57	383.98	-	0.61	<0.53	<0.60	<0.59	**544**	<37	**545**
MW-21D	03/24/22	400.55	15.40	385.15	-	0.66	<0.53	<0.60	<0.59	**464**	**<53**	**555**
MW-21D	06/20/22	400.55	15.57	384.98	-	0.50	<0.53	<0.60	<0.59	**444**	**107**	**570**
RW-3	01/15/01	403.14	-	-	-	**700**	190	<2.0	780	**5,700**	**5,500**	**11,000**
RW-3	04/25/05	403.14	11.06	392.08	-	**52**	59	120	800	**490**	-	-
RW-3	05/04/05	403.14	11.24	391.90	-	-	-	-	-	-	-	-
RW-3	12/14/05	403.14	15.57	387.57	-	**160**	57.7	46.1	389	**134**	**1,770**	**3,630**
RW-3	03/07/06	403.14	13.05	390.09	-	**55**	21.9	55.3	255	**419**	-	-
RW-3	06/08/06	403.14	14.58	388.56	-	-	-	-	-	-	-	-
RW-3	09/12/06	403.14	14.23	388.91	-	**10.5**	7.4	27.7	145	**54.0**	-	-
RW-3	12/05/06	403.14	13.05	390.09	-	**48.1**	49.4	62.6	188	**271**	**890**	**271**
RW-3	03/07/07	403.14	12.71	390.43	-	0.50 J	0.29 J	1.4	5.9	**6.6**	-	-
RW-3	07/06/07	403.14	13.91	389.23	-	**477**	150	258	715	**299**	**1,990**	**6,190**
RW-3	09/13/07	403.14	16.40	386.74	-	**236**	35.2	68.5	196	**172**	-	-
RW-3	12/20/07	403.14	18.15	384.99	-	-	-	-	-	-	-	-
RW-3	03/17/08	403.14	13.87	389.27	-	**70.1**	24.7	121	358	**75.5**	-	-
RW-3	06/10/08	403.14	14.58	388.56	-	**63.6**	14.3	59.7	202	**243**	**3,690**	**5,160**
RW-3	11/19/09	403.14	13.00	390.14	-	-	-	-	-	-	-	-
RW-3	12/28/09	403.14	13.00	390.14	-	-	-	-	-	-	-	-
Abandoned												
RW-17	03/26/12	400.72	NS	NS	-	NS	NS	NS	NS	NS	NS	NS
RW-17	04/17/12	400.72	12.51	388.21	-	**28.2**	98.6	176	1,150	**1,840**	**3,520**	**9,630**
RW-17	06/21/12	400.72	13.44	387.28	-	**62.0**	163	585	2,440	**1,720**	**6,020**	**16,500**
RW-17	09/17/12	400.72	15.40	385.32	-	**217**	428	**1,260**	2,800	**2,220**	**7,800**	**17,700**
RW-17	03/14/13	400.72	-	-	-	**84.6**	56.7	43.2	318.0	**572.0**	**3,400**	**1,500**
RW-17	06/19/13	400.72	12.97	387.75	-	**91.7**	182.0	76.8	833.0	**398.0**	**5,150**	**2,550**
RW-17	09/12/13	400.72	12.55	388.17	-	**128.0**	49.7	92.7	326.0	**473.0**	**3,220**	**1,590**
RW-17	12/13/13	400.72	16.31	384.41	-	**11.1**	5.8	9.1	33.8	**68.1**	**480**	**260**
RW-17	03/12/14	400.72	12.61	388.11	-	**79.2**	10.1	54.0	62.0	**478.0**	**2,480**	**2,590**
RW-17	06/17/14	400.72	10.50	390.22	-	**9.3**	2.5	108.0	32.9	15.8	**1,000**	**6,650**
RW-17	09/04/14	400.72	13.27	387.45	-	**118.0**	110.0	72.4	226.0	**346.0**	**2,670**	**960**
RW-17	01/05/15	400.72	13.06	387.66	-	**10.4**	2.6	17.6	42.7	**153.0**	**440**	**370**
RW-17	03/04/15	400.72	11.89	388.83	-	ND	ND	ND	ND	ND	ND	**2,610**
RW-17	06/03/15	400.72	12.13	388.59	-	2.1	0.3	16.1	7.5	16.8	**250**	**260**
RW-17	09/04/15	400.72	12.36	388.36	-	**40.4**	11.8	13.1	28.8	**262.0**	**870**	**410**
RW-17	12/16/15	400.72	14.52	386.20	-	ND	ND	ND	ND	6.0	ND	**200**
RW-17	03/22/16	400.72	11.50	389.22	-	0.4	ND	ND	0.3	1.5	ND	**390**
RW-17	06/01/16	400.72	11.94	388.78	-	ND	ND	ND	ND	ND	ND	**260**
Abandoned												
RW-18	03/26/12	400.74	NS	NS	-	NS	NS	NS	NS	NS	NS	NS
RW-18	04/17/12	400.74	12.60	388.14	-	3.5 J	<0.73	38.3	126	**673**	**1,780**	**3,520**
RW-18	06/21/12	400.74	13.37	387.37	-	**6.7**	1.9	42.5	64.7	**918**	**1,270**	**3,570**
RW-18	09/17/12	400.74	14.70	386.04	-	4.1	1.6	148	213	**433**	**1,240**	**4,510**
RW-18	03/14/13	400.74	-	-	-	2.9	1.5	2.9	11.5	**307**	**1,920**	**930**
RW-18	06/19/13	400.74	12.42	388.32	-	ND	ND	0.37 J	1.1	15	ND	**970**
RW-18	09/12/13	400.74	13.68	387.06	-	**10.1**	0.45 J	6.2	10.7	**487**	**1,660**	**540**
RW-18	12/13/13	400.74	15.73	385.01	-	**8.5**	5.6	8.1	29.4	**59**	**470**	**280**
RW-18	03/12/14	400.74	12.43	388.31	-	**94.6**	70.8	97.2	420.0	**331**	**3,540**	**1,370**

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Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
RW-18	06/17/14	400.74	9.85	390.89	-	**43.4**	21.9	30.5	170.0	**134**	**1,890**	**510**
RW-18	09/04/14	400.74	13.03	387.71	-	**49.5**	14.9	28.7	159.0	**554**	**2,230**	**940**
RW-18	01/05/15	400.74	13.06	387.68	-	**28.0**	5.2	15.0	128.0	**440**	**1,590**	**400**
RW-18	03/04/15	400.74	10.66	390.08	-	ND	ND	ND	ND	ND	ND	ND
RW-18	06/03/15	400.74	11.43	389.31	-	**20.8**	5.2	26.2	63.1	**103**	**430**	**910**
RW-18	09/04/15	400.74	22.85	377.89	-	**19.4**	3.9	24.7	64.7	**149**	**1,090**	**330**
RW-18	12/16/15	400.74	22.85	377.89	-	**23.3**	10.8	33.2	103.0	**243**	**620**	**3,820**
RW-18	03/23/16	400.74	11.14	389.60	-	**16.2**	12.6	18.9	79.6	**103**	**2,240**	**150**
RW-18	06/01/16	400.74	11.58	389.16	-	**22.2**	6.2	23.4	101.0	**168**	**870**	**490**
RW-18	11/29/16	400.74	15.16	385.58	-	1.1	1.9	<0.20	1.3	0.41 J	**443**	**<100**
RW-18	02/09/17	400.74	15.82	384.92	-	<0.14	<0.23	<0.20	<0.21	<0.34	**596**	**<100**
RW-18	05/17/17	400.74	14.13	386.61	-	<0.14	<0.23	<0.20	<0.21	<0.34	**370**	**<100**
RW-18	08/24/17	400.74	13.90	386.84	-	<0.17	<0.25	0.93	<0.22	<0.25	**144**	**<100**
RW-18	11/20/17	400.74	15.28	385.46	-	<0.17	<0.25	<0.22	<0.22	<0.25	**326**	**<100**
RW-18	03/05/18	400.74	14.73	386.01	-	<0.17	<0.25	<0.22	<0.22	<0.25	**1,280**	**<100**
RW-18	05/30/18	400.74	12.29	388.45	-	NS	NS	NS	NS	NS	NS	NS
RW-18	08/30/18	400.74	11.62	389.12	-	NS	NS	NS	NS	NS	NS	NS
RW-18	11/20/18	400.74	9.58	391.16	-	<0.43	<0.53	<0.60	<0.59	<0.51	**207**	**<100**
RW-18	02/21/19	400.74	7.52	393.22	-	NS	NS	NS	NS	NS	NS	NS
RW-18	05/16/19	400.74	7.86	392.88	-	NS	NS	NS	NS	NS	NS	NS
RW-18	09/05/19	400.74	10.82	389.92	-	NS	NS	NS	NS	NS	NS	NS
RW-18	12/20/19	400.74	13.05	387.69	-	NS	NS	NS	NS	NS	NS	NS
RW-18	12/23/19	400.74	-	-	-	<0.43	<0.53	<0.60	<0.59	<0.51	**180**	**<100**
RW-18	03/09/20	400.74	11.47	389.27	-	NS	NS	NS	NS	NS	NS	NS
RW-18	06/01/20	400.74	10.18	390.56	-	NS	NS	NS	NS	NS	NS	NS
RW-18	08/19/20	400.74	11.05	389.69	-	NS	NS	NS	NS	NS	NS	NS
RW-18	11/19/20	400.74	13.60	387.14	-	<0.43	<0.53	<0.60	<0.59	<0.51	**282**	**<100**
RW-18	02/17/21	400.74	11.31	389.43	-	NS	NS	NS	NS	NS	NS	NS
RW-18	05/03/21	400.74	10.17	390.57	-	NS	NS	NS	NS	NS	NS	NS
RW-18	08/23/21	400.74	12.05	388.69	-	NS	NS	NS	NS	NS	NS	NS
RW-18	11/29/21	400.74	13.29	387.45	-	<0.43	<0.53	<0.60	<0.59	<0.51	**811**	**<100**
RW-18	03/24/22	400.74	13.35	387.39	-	NS	NS	NS	NS	NS	NS	NS
RW-18	06/20/22	400.74	12.21	388.53	-	NS	NS	NS	NS	NS	NS	NS
RW-19	03/26/12	399.80	NS	NS	-	NS	NS	NS	NS	NS	NS	NS
RW-19	04/17/12	399.80	11.76	388.04	-	3.4	<0.29	1.2 J	1.9 J	**9,530**	**592**	**12,600**
RW-19	06/21/12	399.80	12.64	387.16	-	<2.4	<2.3	<2.3	<2.4	**5,320**	**517**	**6,450**
RW-19	09/17/12	399.80	14.65	385.15	-	4.9 J	<2.3	<2.3	<2.4	**5,780**	**611**	**6,040**
RW-19	03/14/13	399.80	-	-	-	ND	ND	ND	ND	**664**	**4,290**	**1,860**
RW-19	06/19/13	399.80	-	-	-	2.4 J	ND	ND	ND	**2,710**	**3,970**	**750**
RW-19	09/12/13	399.80	16.84	382.96	-	**18.2**	5.8 J	37.0	53.9	**1,370**	**2,900**	**450**
RW-19	12/13/13	399.80	15.60	384.20	-	**20.5**	ND	4.1 J	10.8	**520**	**1,520**	**600**
RW-19	03/12/14	399.80	12.52	387.28	-	**11.6**	2.9	24.8 J	26.8	**373**	**1,150**	**510**
RW-19	06/17/14	399.80	9.88	389.92	-	1.1	0.31 J	1.1	3.1	**61**	ND	ND
RW-19	09/04/14	399.80	12.98	386.82	-	2.4	ND	ND	1.4	**365**	**770**	ND
RW-19	01/05/15	399.80	13.06	386.74	-	ND	ND	ND	ND	2	ND	**150**
RW-19	03/04/15	399.80	7.77	392.03	-	ND	ND	ND	ND	ND	ND	**1,490**
RW-19	06/03/15	399.80	9.77	390.03	-	ND	ND	ND	ND	2	ND	**190**
RW-19	09/04/15	399.80	12.42	387.38	-	0.7	ND	ND	2.1	**145**	**220**	ND
RW-19	12/16/15	399.80	14.40	385.40	-	ND	ND	ND	ND	**26.4**	ND	**240**
RW-19	03/23/16	399.80	11.30	388.50	-	ND	ND	ND	ND	0.8	**0**	ND
RW-19	06/01/16	399.80	11.61	388.19	-	ND	ND	ND	ND	3.6	ND	**610**
RW-19	11/29/16	399.80	8.30	391.50	-	**13.3**	63.0	4.5	22.5	0.60 J	**160**	**253**
RW-19	02/09/17	399.80	12.45	387.35	-	<0.14	<0.23	<0.20	<0.21	<0.34	**312**	**<100**
RW-19	05/17/17	399.80	14.15	385.65	-	<0.14	<0.23	<0.20	<0.21	<0.34	**416**	**<100**
RW-19	08/24/17	399.80	13.88	385.92	-	<0.17	<0.25	<0.22	<0.22	1.0	**567**	**<100**
RW-19	11/20/17	399.80	15.25	384.55	-	<0.17	<0.25	<0.22	<0.22	<0.25	**329**	**<100**
RW-19	03/05/18	399.80	14.75	385.05	-	0.55	3.8	6.4	17.4	15	**574**	**105**
RW-19	05/30/18	399.80	12.34	387.46	-	NS	NS	NS	NS	NS	NS	NS
RW-19	08/30/18	399.80	11.68	388.12	-	NS	NS	NS	NS	NS	NS	NS
RW-19	11/20/18	399.80	9.73	390.07	-	<0.43	<0.53	<0.60	<0.59	<0.51	**262**	**<100**

Table 1

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
RW-19	02/21/19	399.80	7.67	392.13	-	NS	NS	NS	NS	NS	NS	NS
RW-19	05/16/19	399.80	8.04	391.76	-	NS	NS	NS	NS	NS	NS	NS
RW-19	09/05/19	399.80	10.28	389.52	-	NS	NS	NS	NS	NS	NS	NS
RW-19	12/20/19	399.80	13.10	386.70	-	NS	NS	NS	NS	NS	NS	NS
RW-19	12/23/19	399.80	-	-	-	<0.43	<0.53	<0.60	<0.59	<0.51	**235**	**<100**
RW-19	03/09/20	399.80	11.52	388.28	-	NS	NS	NS	NS	NS	NS	NS
RW-19	06/01/20	399.80	10.26	389.54	-	NS	NS	NS	NS	NS	NS	NS
RW-19	08/19/20	399.80	11.11	388.69	-	NS	NS	NS	NS	NS	NS	NS
RW-19	11/19/20	399.80	13.64	386.16	-	<0.43	<0.53	<0.60	<0.59	<0.51	**181**	**<100**
RW-19	02/17/21	399.80	11.35	388.45	-	NS	NS	NS	NS	NS	NS	NS
RW-19	05/03/21	399.80	10.22	389.58	-	NS	NS	NS	NS	NS	NS	NS
RW-19	08/23/21	399.80	12.12	387.68	-	NS	NS	NS	NS	NS	NS	NS
RW-19	11/29/21	399.80	13.32	386.48	-	<0.43	<0.53	<0.60	<0.53	<0.59	**316**	**<100**
RW-19	03/24/22	399.80	13.37	386.43	-	NS	NS	NS	NS	NS	NS	NS
RW-19	06/20/22	399.80	12.22	387.58	-	NS	NS	NS	NS	NS	NS	NS
RW-20	03/26/12	399.83	NS	NS	-	NS	NS	NS	NS	NS	NS	NS
RW-20	04/17/12	399.83	11.88	387.95	-	**40.6**	16.8	77.4	263	**701**	**1,690**	**4,450**
RW-20	06/21/12	399.83	12.44	387.39	-	**113**	31.3	240	755	**543**	**3,730**	**7,970**
RW-20	09/17/12	399.83	14.42	385.41	-	**8.8 J**	<2.3	4.5 J	9.1 J	**67.8**	**1,700**	**2,540**
RW-20	03/14/13	399.83	-	-	-	1.9	ND	2.6	0.25 J	**28.2**	**460**	**460**
RW-20	06/19/13	399.83	12.21	387.62	-	ND	ND	ND	ND	ND	**370**	**690**
RW-20	09/13/13	399.83	13.94	385.89	-	0.24 J	ND	2.1	ND	4.2	ND	ND
RW-20	12/13/13	399.83	15.34	384.49	-	1.5	3.1	9.0	5.3	4.4	**280**	**150**
RW-20	03/12/14	399.83	12.11	387.72	-	3.3	ND	81.9	1.2	4.3	**510**	**310**
RW-20	06/17/14	399.83	9.71	390.12	-	**7.9**	0.67 J	144.0	4.7	10.3	**1,090**	**630**
RW-20	09/04/14	399.83	13.17	386.66	-	3.1	1.0	45.9	23.0	**125.0**	**1,040**	**560**
RW-20	01/05/15	399.83	13.06	386.77	-	1.7	ND	28.2	2.8	**47.3**	**560**	ND
RW-20	03/04/15	399.83	11.68	388.15	-	**8.0**	1.0	34.4	25.1	**57.7**	**500**	**1,110**
RW-20	06/03/15	399.83	11.25	388.58	-	1.8	ND	17.7	4.4	18.5	**290**	**210**
RW-20	09/04/15	399.83	12.25	387.58	-	0.3	ND	3.8	0.6	**27.1**	ND	ND
RW-20	12/16/15	399.83	13.65	386.18	-	ND	0.2	0.7	0.2	7.8	ND	**160**
RW-20	03/23/16	399.83	10.91	388.92	-	ND	ND	1.1	ND	2.7	**130**	**90**
RW-20	06/01/16	399.83	11.24	388.59	-	0.4	ND	0.4	1.7	4.0	ND	ND
Abandoned												
TF-1	03/07/06	400.62	DRY	-	-	-	-	-	-	-	-	-
TF-1	06/08/06	400.62	DRY	-	-	-	-	-	-	-	-	-
TF-1	12/05/06	400.62	DRY	-	-	-	-	-	-	-	-	-
TF-1	03/07/07	400.62	DRY	-	-	-	-	-	-	-	-	-
TF-1	07/06/07	400.62	DRY	-	-	-	-	-	-	-	-	-
TF-1	09/13/07	400.62	DRY	-	-	-	-	-	-	-	-	-
TF-1	12/20/07	400.62	DRY	-	-	-	-	-	-	-	-	-
TF-1	03/17/08	400.62	DRY	-	-	-	-	-	-	-	-	-
TF-1	06/10/08	400.62	11.48	389.14	-	-	-	-	-	-	-	-
TF-1	02/15/10	400.62	10.42	390.20	-	0.23 J	4.3	1.8	87.7	0.83 J	**4,750**	**1,140**
TF-1	06/17/10	400.62	10.51	390.11	-	-	-	-	-	-	-	-
TF-1	09/12/11	400.62	10.98	389.64	-	3.4	127	28.2	1,270	3.6	*	**4,410**
TF-1	12/23/11	400.62	10.90	389.72	-	<0.22	1.7	0.80 J	19.7	1.5	*	**206**
TF-1	06/21/12	400.62	DRY	-	-	-	-	-	-	-	-	-
TF-1	09/17/12	400.62	11.47	389.15	*	*	*	*	*	*	*	*
Removed in December 2016 when USTs were removed												
TF-2	03/07/06	401.64	NR	-	-	-	-	-	-	-	-	-
TF-2	06/08/06	401.64	DRY	-	-	-	-	-	-	-	-	-
TF-2	12/05/06	401.64	12.63	389.01	-	-	-	-	-	-	-	-
TF-2	07/06/07	401.64	DRY	-	-	-	-	-	-	-	-	-
TF-2	09/13/07	401.64	DRY	-	-	-	-	-	-	-	-	-
TF-2	12/20/07	401.64	DRY	-	-	-	-	-	-	-	-	-
TF-2	03/17/08	401.64	DRY	-	-	-	-	-	-	-	-	-
TF-2	06/10/08	401.64	DRY	-	-	-	-	-	-	-	-	-
TF-2	02/15/10	401.64	11.41	390.23	-	<0.23	0.55 J	0.96 J	5.3	7.7	**2,160**	<32
TF-2	06/17/10	401.64	11.51	390.13	-	-	-	-	-	-	-	-

Table 1

GROUNDWATER ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
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)	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**	**20**	**47**	**47**
TF-2	09/12/11	401.64	DRY	-	-	-	-	-	-	-	-	-
TF-2	12/23/11	401.64	DRY	-	-	-	-	-	-	-	-	-
TF-2	06/21/12	401.64	DRY	-	-	-	-	-	-	-	-	-
TF-2	09/17/12	401.64	DRY	-	-	-	-	-	-	-	-	-
Removed in December 2016 when USTs were removed												

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 Groundwater Clean-Up Standards for Type I and II Aquifers (October 2010).

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
NS = Not sampled
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

Table 2

POET SYSTEM ANALYTICAL DATA SUMMARY
1 MEADOW SPRING DRIVE

Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (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**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
INFLUENT	09/06/2012	**40.4**	<0.079	<0.14	0.95	**417**	**0.72**	115	1.7	0.38 J	<0.050
	10/04/2012	**46.8**	<0.079	<0.14	1.00	**561**	**0.81**	137	2.0	0.51	16.2
	11/01/2012	**46.4**	<0.079	<0.14	0.93	**619**	**1.00**	179	2.4	0.59	18.4
	12/19/2012	**57.7**	<0.79	<0.14	1.1	**511**	**1.20**	164	1.9	0.47 J	16.1
	01/25/2013	**45**	<0.079	<0.14	0.92	**526**	**1.1**	176	2.3	0.54	17.1
	02/21/2013	**32.8**	<0.079	<0.14	0.81	**609**	**1.10**	164	2.1	0.51	17.5
	03/13/2013	**31**	0.21 J	<0.14	0.8	**507**	**1.0**	148	1.9	0.47 J	16.4
	04/02/2013	**17.5**	<0.079	<0.14	0.5	**443**	**0.72**	122	1.7	0.43 J	13.6
	05/14/2013	**19.7**	<0.079	<0.14	0.51	**441**	**0.67**	117	1.4	0.36 J	12.1
	06/13/2013	**28.6**	<0.079	<0.14	0.61	**652**	**0.78**	192	2	0.56	19.6
	09/16/2013	**31.9**	<0.045	0.054 J	0.99	**355**	**0.88**	-	1.6JN	-	-
	12/06/2013	**39.8**	<0.045	0.054 J	1	**384**	**0.99**	154	1.6	0.44 J	14.6
	02/25/2014	**22.9**	<0.045	<0.021	<0.030	**556**	**1.2**	199	1.9	0.53	18.4
	03/13/2014	**13.3**	<0.045	<0.021	0.51	**536**	**0.94**	177	2.1	0.54	16.6
	04/25/2014	**10.4**	<0.045	<0.021	0.39 J	**423**	**0.73**	158	1.7	0.44 J	13.5
	06/02/2014	**10.9**	<0.045	<0.021	0.30 J	**324**	0.51	106	1.3	0.30 J	10.2
	07/29/2014	**8.6**	<0.71	<0.24	<0.46	5	<0.050	<0.54	<0.031	<0.031	<0.048
	09/02/2014	**19.7**	<0.071	<0.024	0.59	**288**	0.57	99.8	1.2	0.28 J	9.4
	09/23/2014	**24.9**	<0.071	<0.024	0.82	**404**	**0.8**	134	1.7	0.43 J	13
	10/28/2014	**25.2**	<0.071	<0.024	0.81	**307**	**0.66**	121	1.2	0.31 J	10.8
	11/25/2014	<0.028	<0.071	<0.024	<0.046	**127**	<0.050	170	<0.031	<0.031	0.25 J
	12/11/2014	**22.5**	<0.071	<0.024	0.74	**485**	**0.85**	188	2.1	0.5	15.2
	01/16/2015	**15.2**	<0.071	<0.024	0.54	**413**	**0.73**	140	1.3	0.36 J	11.6
	02/11/2015	**15.7**	<0.071	<0.024	0.46 J	**300**	**0.61**	107	1	0.28 J	9
	03/31/2015	<0.057	<0.044	<0.033	<0.029	**101**	<0.084	104	<0.038	<0.025	0.69
	04/27/2015	<0.057	<0.044	<0.033	<0.029	**219**	<0.084	93.6	<0.038	<0.025	0.46 J
	05/28/2015	<0.057	<0.044	<0.033	<0.029	**200**	<0.084	71	<0.038	<0.025	0.33 J
	06/26/2015	<0.057	<0.044	<0.033	<0.029	**197**	<0.084	72.3	<0.038	<0.025	0.5

Table 2

POET SYSTEM ANALYTICAL DATA SUMMARY
1 MEADOW SPRING DRIVE

Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (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**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
INFLUENT (cont.)	07/30/2015	<0.057	<0.044	<0.033	<0.029	**229**	<0.084	67.4	<0.038	<0.025	0.54
	08/27/2015	<0.057	<0.044	<0.033	<0.029	**203**	<0.084	60.2	<0.038	<0.025	0.6
	09/29/2015	<0.057	<0.044	<0.033	<0.029	**220**	<0.084	53.2	<0.038	<0.025	0.5
	10/14/2015	1.3	<0.044	<0.033	<0.029	**212**	<0.084	60.8	0.26 J	<0.025	2.1
	11/24/2015	0.61	<0.044	<0.033	<0.029	**220**	<0.084	83.4	<0.038	<0.025	0.71
	12/16/2015	**17.1**	<0.044	<0.033	0.61	**279**	**0.53**	98.6	1	0.26 J	8.7
	01/21/2016	**5**	<0.044	<0.033	0.11 J	**303**	**0.19 J**	99.4	0.72	0.24 J	6.4
	02/05/2016	**10.9**	<0.044	<0.033	0.39 J	**265**	**0.51**	95.5	1	0.26 J	8.7
	03/23/2016	**6.4**	<0.044	<0.033	<0.029	**185**	**0.41 J**	63.6	0.68	0.21 J	6
	04/21/2016	2.9	<0.044	<0.033	0.095	**158**	**0.21 J**	55.1	0.52	0.12 J	4.7
	05/18/2016	0.11 J	<0.044	<0.033	<0.029	**304**	<0.084	61.5	<0.038	<0.025	1.6
	06/24/2016	**5.9**	<0.044	<0.033	0.20 J	**147**	0.33 J	57.1	0.59	0.14 J	4.8
	07/21/2016	4.5	<0.044	<0.033	0.078 J	**213**	0.13 J	70.3	0.56	0.13 J	4.4
	08/25/2016	0.44 J	<0.044	<0.033	<0.029	**257**	<0.084	56.2	<0.038	0.064 J	1.5
	09/15/2016	2.6	<0.044	<0.033	<0.029	**260**	<0.084	79.7	0.43 J	0.12 J	4
	12/02/2016	**5.6**	<0.054	<0.066	<0.060	**259**	0.16 J	88.7	0.27 J	0.11 J	2.5
	02/23/2017	**27.4**	<0.13	<0.26	<0.24	**432**	0.57	157	1.6	0.37 J	13.7
	05/15/2017	**6.3**	<0.13	<0.26	<0.24	**362**	0.33 J	150	0.78	0.21 J	7
	08/23/2017	**20.7**	<0.13	<0.26	<0.24	**544**	0.31 J	157	1.1	0.25 J	11.2
	11/20/2017	**13.8**	<0.13	<0.26	0.37 J	**440**	0.52	173	1.2	0.33 J	9.8
	03/05/2018	**18.7**	<0.13	<0.26	<0.24	**697**	0.65	297	2.3	0.45	20.3
	05/30/2018	**10.3**	<0.13	<0.26	<0.24	**643**	0.73	276	2.2	0.51	17.4
	08/30/2018	3.6	0.42 J	<0.076	<0.076	**484**	0.50	211	1.4	0.29 J	12.3
	11/20/2018	**5.5**	0.39 J	<0.076	<0.076	**368**	0.56	150	1.1	0.21 J	7.8
	02/21/2019	2.0	<0.11	<0.076	<0.076	**197**	<0.28	71.6	0.59	0.10 J	4.2
	05/16/2019	0.32 J	<0.11	<0.076	<0.076	**98.6**	<0.28	38.9	0.40 J	0.070 J	2.5
	09/05/2019	3.5	<0.11	<0.076	<0.076	**281**	<0.28	156	0.91	0.21	7.3

Table 2

POET SYSTEM ANALYTICAL DATA SUMMARY
1 MEADOW SPRING DRIVE

Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (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**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
INFLUENT (cont.)	12/20/2019	3.3	<0.11	<0.076	<0.076	**383**	0.56	246	1.4	0.3	11.5
	03/09/2020	<0.16	<0.11	<0.076	<0.076	**349**	<0.28	163	1.2	0.26	9.3
	06/01/2020	0.5	<0.11	<0.076	<0.076	**300**	<0.28	132	1.1	0.21	7.2
	08/19/2020	3.6	<0.11	<0.076	<0.076	**358**	<0.28	264	1.5	0.31 J	10.3
	11/19/2020	1.1	<0.11	<0.076	<0.076	**718**	0.30 J	429	2.3	0.53	19.4
	02/17/2021	0.22 J	<0.11	<0.076	<0.076	**510**	0.32 J	270	1.8	0.41 J	13.6
	05/03/2021	<0.16	<0.11	<0.076	<0.076	**355**	<0.31	191	1.1	0.19 J	7.5
	08/23/2021	0.8	<0.11	<0.076	<0.076	**352**	0.39	209	1.5	0.31	10
	11/30/2021	1.9	<0.11	<0.076	<0.076	**399**	<0.31	248	1.5	0.31 J	9
	03/24/2022	0.24	<0.11	<0.076	<0.076	**366**	<0.31	181	1.4	0.29 J	10.2
	06/20/2022	0.28 J	<0.11	<0.076	<0.076	**270**	<0.31	83.5	1.1	0.20 J	7.5
MID 2	09/06/2012	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	10/04/2012	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	11/01/2012	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	12/19/2012	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	15	<0.062	<0.064	<0.050
	01/25/2013	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	02/21/2013	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	03/13/2013	0.078 J	0.18 J	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	04/02/2013	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	05/14/2013	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	06/13/2013	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	22.5	<0.062	<0.064	<0.050
	09/16/2013	<0.10	<0.045	<0.021	<0.030	<0.11	<0.029	-	-	-	-
	12/06/2013	<0.10	<0.45	<0.021	<0.030	<0.11	<0.029	<0.53	<0.051	<0.042	<0.10
	02/25/2014	<0.10	<0.45	<0.021	<0.030	<0.11	<0.029	3.3	<0.051	<0.042	<0.10
	03/13/2014	<0.10	<0.45	<0.021	<0.030	<0.11	<0.029	5.5	<0.051	<0.042	<0.10
	04/25/2014	<0.10	<0.45	<0.021	<0.030	<0.11	<0.029	<0.53	<0.051	<0.042	<0.10
	06/02/2014	0.88 J	<0.045	<0.021	<0.030	<0.11	<0.029	<0.53	<0.051	<0.042	<0.10

Table 2

POET SYSTEM ANALYTICAL DATA SUMMARY
1 MEADOW SPRING DRIVE

Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (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**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
MID 2 (cont.)	07/29/2014	<0.76	<0.71	<0.24	<0.46	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	09/02/2014	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	09/23/2014	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	10/28/2014	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	11/25/2014	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	1.1 J	<0.031	<0.031	<0.048
	12/11/2014	<0.028	<0.071	<0.024	<0.046	0.099J	<0.050	1.3 J	<0.031	<0.031	<0.048
	01/16/2015	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	1.9 J	<0.031	<0.031	<0.048
	02/11/2015	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	2.0 J	<0.031	<0.031	<0.048
	03/31/2015	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	04/27/2015	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	05/28/2015	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	06/26/2015	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	07/30/2015	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	08/27/2015	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	09/29/2015	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	10/14/2015	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	11/24/2015	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	1.3 J	<0.038	<0.025	<0.099
	12/15/2015	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	01/21/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	02/05/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	03/23/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	1.7 J	<0.038	<0.025	<0.099
	04/21/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	1.8 J	<0.038	<0.025	<0.099
	05/18/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	3.0 J	<0.038	<0.025	<0.099
	06/24/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	15.1	<0.038	<0.025	<0.099
	07/21/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	08/25/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	09/15/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	12/02/2016	<0.051	<0.054	<0.066	<0.060	<0.10	<0.062	<1.4	<0.068	<0.063	<0.067

Table 2

POET SYSTEM ANALYTICAL DATA SUMMARY
1 MEADOW SPRING DRIVE

Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (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**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
MID 2 (cont.)	02/23/2017	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.2	<0.045	<0.041	<0.071
	05/15/2017	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.2	<0.045	<0.041	<0.071
	08/23/2017	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.2	<0.045	<0.041	<0.071
	11/20/2017	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.5 *	<0.045	<0.041	<0.071
	03/05/2018	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	1.6 J	<0.045	<0.041	<0.071
	05/30/2018	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<2.5	<0.045	<0.041	<0.071
	08/30/2018	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	<2.5	<0.10	<0.064	<0.061
	11/20/2018	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	55.3	<0.10	<0.064	<0.061
	02/21/2019	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	<2.5	<0.10	<0.064	<0.061
	05/16/2019	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	24.0	<0.10	<0.064	<0.061
	09/05/2019	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	65.7	<0.10	<0.064	<0.061
	12/20/2019	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	<2.5	<0.10	<0.064	<0.061
	03/09/2020	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	58.0	<0.10	<0.064	<0.061
	06/01/2020	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	<2.5	<0.10	<0.064	<0.061
	08/19/2020	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	20.7	<0.10	<0.064	<0.061
	11/19/2020	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	<2.5	<0.10	<0.064	<0.061
	02/17/2021	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	78.1	<0.10	<0.064	<0.061
	05/03/2021	<0.16	<0.11	<0.076	<0.076	<0.11	<0.31	<2.5	<0.10	<0.064	<0.13
	08/23/2021	<0.16	<0.11	<0.076	<0.076	<0.11	<0.31	226	<0.10	<0.064	<0.13
	11/30/2021	<0.16	<0.11	<0.076	<0.076	<0.11	<0.31	3.6 J	<0.10	<0.064	<0.13
	03/24/2022	<0.16	<0.11	<0.076	<0.076	<0.11	<0.31	191	<0.10	<0.064	<0.13
	06/20/2022	<0.16	<0.11	<0.076	<0.076	<0.11	<0.31	230	<0.10	<0.064	<0.13
EFFLUENT	09/06/2012	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	10/04/2012	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	11/01/2012	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	11/26/2012	<0.24	<0.23	<0.23	<0.24	0.82 J	-	-	-	-	-
	12/19/2012	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	01/25/2013	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050

Table 2

POET SYSTEM ANALYTICAL DATA SUMMARY
1 MEADOW SPRING DRIVE

Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (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**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
EFFLUENT (cont.)	02/21/2013	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	03/13/2013	<0.047	0.14 J	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	04/02/2013	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	05/14/2013	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	06/13/2013	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	06/13/2013	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	<0.050
	09/16/2013	<0.10	<0.045	<0.021	<0.030	<0.11	<0.029	-	-	-	-
	12/06/2013	<0.10	<0.045	<0.021	<0.030	<0.11	<0.029	<0.53	<0.051	<0.042	<0.10
	02/25/2014	<0.10	<0.45	<0.021	<0.030	<0.11	<0.029	<0.53	<0.051	<0.042	<0.10
	03/13/2014	<0.10	<0.45	<0.021	<0.030	<0.11	<0.029	<0.53	<0.051	<0.042	<0.10
	04/25/2014	<0.10	<0.45	<0.021	<0.030	<0.11	<0.029	<0.53	<0.051	<0.042	<0.10
	06/02/2014	0.88 J	<0.045	<0.021	<0.030	<0.11	<0.029	<0.53	<0.051	<0.042	<0.10
	07/29/2014	<0.76	<0.71	<0.24	<0.46	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	09/02/2014	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	09/23/2014	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	10/28/2014	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	11/25/2014	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	12/11/2014	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	01/16/2015	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	2.9 J	<0.031	<0.031	<0.048
	02/11/2015	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	1.4 J	<0.031	<0.031	<0.048
	03/31/2015	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	04/27/2015	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	05/28/2015	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	1.4 J	<0.031	<0.031	<0.048
	06/26/2015	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
	07/30/2015	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	08/27/2015	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	09/29/2015	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099

Table 2

POET SYSTEM ANALYTICAL DATA SUMMARY
1 MEADOW SPRING DRIVE

Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (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**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
EFFLUENT (cont.)	10/14/2015	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	11/24/2015	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	1.1 J	<0.038	<0.025	<0.099
	12/15/2015	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	01/21/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	02/05/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	03/23/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	1.6 J	<0.038	<0.025	<0.099
	04/21/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	0.94 J	<0.038	<0.025	<0.099
	05/18/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	06/24/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	1.2 J	<0.038	<0.025	<0.099
	07/21/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	08/25/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	09/15/2016	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
	12/02/2016	<0.051	<0.054	<0.066	<0.060	<0.10	<0.062	<1.4	<0.068	<0.063	<0.067
	02/23/2017	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.2	<0.045	<0.041	<0.071
	05/15/2017	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.2	<0.045	<0.041	<0.071
	08/23/2017	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	1.2 J	<0.045	<0.041	<0.071
	11/20/2017	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.5 *	<0.045	<0.041	<0.071
	03/05/2018	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	1.4 J	<0.045	<0.041	<0.071
	05/30/2018	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<2.5	<0.045	<0.041	<0.071
	08/30/2018	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	<2.5	<0.10	<0.064	<0.061
	11/20/2018	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	<2.5	<0.10	<0.064	<0.061
	02/21/2019	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	<2.5	<0.10	<0.064	<0.061
	05/16/2019	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	3.1 J	<0.10	<0.064	<0.061
	09/05/2019	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	14.9	<0.10	<0.064	<0.061
	12/20/2019	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	<2.5	<0.10	<0.064	<0.061
	03/09/2020	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	<2.5	<0.10	<0.064	<0.061
	06/01/2020	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	<2.5	<0.10	<0.064	<0.061

Table 2

POET SYSTEM ANALYTICAL DATA SUMMARY
1 MEADOW SPRING DRIVE

Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland

Monitoring Well	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (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**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
EFFLUENT (cont.)	08/19/2020	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	<2.5	<0.10	<0.064	<0.061
	11/19/2020	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	<2.5	<0.10	<0.064	<0.061
	02/17/2021	<0.16	<0.11	<0.076	<0.076	<0.11	<0.28	<2.5	<0.10	<0.064	<0.061
	05/03/2021	<0.16	<0.11	<0.076	<0.076	<0.11	<0.31	<2.5	<0.10	<0.064	<0.13
	08/23/2021	<0.16	<0.11	<0.076	<0.076	<0.11	<0.31	117	<0.10	<0.064	<0.013
	11/30/2021	<0.16	<0.11	<0.076	<0.076	<0.11	<0.31	<2.5	<0.10	<0.064	<0.13
	03/24/2022	<0.16	<0.11	<0.076	<0.076	<0.11	<0.31	39.3	<0.10	<0.064	<0.13
	06/20/2022	<0.16	<0.11	<0.076	<0.076	<0.11	<0.31	221	<0.10	<0.064	<0.13

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:

GW Cleanup Standards are the Maryland Department of the Environment (MDE) Groundwater Clean-Up Standards for Type I and II Aquifers. Standards were taken from the MDE Cleanup Standards for Soil and Groundwater, June 2008.

* = TBA detected in method blank below quantitation level as is detections in potable samples. As sample results are all below the PQL (J qualified by the laboratory), the TBA results are qualified as non-detect in the samples. The TBA within the samples has the same origin as the TBA within the method blank (USEPA - Suferfund CLP National Functional Guidelines, 2017)

DIPE = Diisopropyl Ether
ETBE = Ethyl tert-Butyl Ether
TAME = tert-Amyl Methyl Ether
TBA = tert-Butyl Alcohol

µg/l = micrograms per liter
J = Estimated Concentration
MDE = Maryland Department of the Environment
< = Method detection limit

Table 3

POTABLE WELL ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland

Well Permit Number	Address	Depth of grout (ft)	Total Well Depth (ft)	Pumping Rate (gpm)	Water bearing Zones (ft)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (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**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
HA-94-1603	2319 E. Churchville Road	70	300	3	8-68, 81-84, 219-221	08/29/11	<0.034	<0.067	<0.20	<0.044	0.45 J	<0.12	<0.16	<0.10	<0.076	<0.14
						09/06/12	<0.047	<0.079	<0.14	<0.12	<0.068	<0.060	<2.4	<0.062	<0.064	12.9
						09/12/13	<0.10	<0.045	<0.021	<0.12	0.43 J	<0.029	<0.53	<0.051	<0.042	<0.10
						09/02/14	<0.028	<0.071	<0.024	<0.046	0.41 J	<0.050	<0.54	<0.031	<0.031	<0.048
						09/04/15	<0.057	<0.044	<0.033	<0.029	0.38 J	<0.084	<0.89	<0.038	<0.025	<0.099
						09/14/16	<0.057	<0.044	<0.033	<0.029	0.20 J	<0.084	<0.89	<0.038	<0.025	<0.099
						12/01/16	<0.051	<0.054	<0.066	<0.060	0.20 J	<0.062	<1.4	<0.068	<0.063	<0.067
						02/23/17	<0.26	<0.13	<0.26	<0.24	0.18 J	<0.18	<1.2	<0.045	<0.041	<0.071
						05/17/17	<0.26	<0.13	<0.26	<0.24	0.19 J	<0.18	<1.2	<0.045	<0.041	<0.071
						08/23/17	<0.26	<0.13	<0.26	<0.24	0.17 J	<0.18	<1.2	<0.045	<0.041	<0.071
						11/21/17	<0.26	<0.13	<0.26	<0.24	0.13 J	<0.18	<1.8 *	<0.045	<0.041	<0.071
-	2317 E. Churchville Road	-	-	-	-	09/08/11	<0.034	<0.067	<0.20	<0.044	0.98	<0.12	<1.2	<0.10	<0.076	<0.14
						09/06/12	<0.047	<0.079	<0.14	<0.12	0.69	<0.060	<2.4	<0.062	<0.064	<0.050
						09/12/13	<0.10	<0.045	<0.021	<0.12	0.52	<0.029	<0.53	<0.051	<0.042	<0.10
						09/02/14	<0.028	<0.071	<0.024	<0.046	0.43 J	<0.050	<0.54	<0.031	<0.031	<0.048
						09/04/15	<0.057	<0.044	<0.033	<0.029	0.50	<0.084	<0.89	<0.038	<0.025	<0.099
						09/14/16	<0.057	<0.044	<0.033	<0.029	0.56	<0.084	<0.89	<0.038	<0.025	<0.099
						12/01/16	<0.051	<0.054	<0.066	<0.060	0.54	<0.062	<1.4	<0.068	<0.063	<0.067
						02/23/17	<0.26	<0.13	<0.26	<0.24	0.53	<0.18	<1.2	<0.045	<0.041	<0.071
						05/17/17	<0.26	<0.13	<0.26	<0.24	0.42 J	<0.18	<1.2	<0.045	<0.041	<0.071
						08/23/17	<0.26	<0.13	<0.26	<0.24	0.47 J	<0.18	<1.2	<0.045	<0.041	<0.071
						11/21/17	<0.26	<0.13	<0.26	<0.24	0.41 J	<0.18	<1.7 *	<0.045	<0.041	<0.071
HA-94-0597	2303 E. Churchville Road	86	125	15	35-80, 80-125	08/27/12	<0.047	<0.079	<0.14	<0.12	0.64	<0.060	<2.4	<0.062	<0.064	<0.050
						03/13/13	<0.047	<0.079	<0.14	<0.12	0.56	<0.060	<2.4	<0.062	<0.064	<0.050
						09/12/13	<0.10	<0.045	<0.021	<0.12	0.55	<0.029	<0.53	<0.051	<0.042	<0.10
						03/12/14	<0.10	<0.045	<0.021	<0.12	0.50	<0.029	<0.53	<0.051	<0.042	<0.10
						09/02/14	<0.028	<0.071	<0.024	<0.046	0.57	<0.050	<0.54	<0.031	<0.031	<0.048
						03/25/15	<0.057	<0.044	<0.033	<0.029	0.50	<0.084	<0.89	<0.038	<0.025	<0.099
						09/04/15	<0.057	<0.044	<0.033	<0.029	0.44 J	<0.084	<0.89	<0.038	<0.025	<0.099
						03/23/16	<0.057	<0.044	<0.033	<0.029	0.48 J	<0.084	<1.2 *	<0.038	<0.025	<0.099
						09/14/16	<0.057	<0.044	<0.033	<0.029	0.37 J	<0.084	<0.89	<0.038	<0.025	<0.099
						11/30/16	<0.051	<0.054	<0.066	<0.060	0.47 J	<0.062	<1.4	<0.068	<0.063	<0.067
						02/23/17	<0.26	<0.13	<0.26	<0.24	0.35 J	<0.18	<1.2	<0.045	<0.041	<0.071
						05/15/17	<0.26	<0.13	<0.26	<0.24	0.39 J	<0.18	<1.2	<0.045	<0.041	<0.071

Table 3

POTABLE WELL ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland

Well Permit Number	Address	Depth of grout (ft)	Total Well Depth (ft)	Pumping Rate (gpm)	Water bearing Zones (ft)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (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**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
HA-94-0597	2303 E. Churchville Road (cont.)	86	125	15	35-80, 80-125	08/23/17	<0.26	<0.13	<0.26	<0.24	0.41 J	<0.18	<1.2	<0.045	<0.041	<0.071
						11/21/17	<0.26	<0.13	<0.26	<0.24	0.34 J	<0.18	<1.7 *	<0.045	<0.041	<0.071
						05/16/19	<0.16	<0.11	<0.076	<0.076	0.32 J	<0.28	<2.5	<0.10	<0.064	<0.061
						12/20/19	<0.16	<0.11	<0.076	<0.076	0.32 J	<0.28	<2.5	<0.10	<0.064	<0.061
						06/01/20	<0.16	<0.11	<0.076	<0.076	0.28 J	<0.28	<2.5	<0.10	<0.064	<0.061
						11/19/20	<0.16	<0.11	<0.076	<0.076	0.26 J	<0.28	<2.5	<0.10	<0.064	<0.061
						05/03/21	<0.16	<0.11	<0.076	<0.076	0.25 J	<0.31	<2.5	<0.10	<0.064	<0.13
						11/30/21	<0.16	<0.11	<0.076	<0.076	0.41 J	<0.31	<2.5	<0.10	<0.064	<0.13
						06/20/22	<0.16	<0.11	<0.076	<0.076	0.24 J	<0.31	<2.5	<0.10	<0.064	<0.13
-	2401 E. Churchville Road	-	-	-	-	09/02/14	<0.028	<0.071	<0.024	<0.046	0.087 J	<0.050	<0.54	<0.031	<0.031	<0.048
						09/04/15	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
						09/14/16	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
						12/02/16	<0.051	<0.054	<0.066	<0.060	<0.10	<0.062	<1.4	<0.068	<0.063	<0.067
						02/23/17	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.2	<0.045	<0.041	<0.071
						05/15/17	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.2	<0.045	<0.041	<0.071
						08/23/17	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.2	<0.045	<0.041	<0.071
						11/21/17	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.6 *	<0.045	<0.041	<0.071
-	2401A E. Churchville Road	-	-	-	-	09/02/14	<0.028	<0.071	<0.024	<0.046	<0.056	<0.050	<0.54	<0.031	<0.031	<0.048
						09/04/15	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
						09/30/16	<0.057	<0.044	<0.033	<0.029	<0.030	<0.084	<0.89	<0.038	<0.025	<0.099
						12/02/16	<0.051	<0.054	<0.066	<0.060	<0.10	<0.062	<1.4	<0.068	<0.063	<0.067
						02/23/17	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.2	<0.045	<0.041	<0.071
						05/15/17	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.2	<0.045	<0.041	<0.071
						08/23/17	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.2	<0.045	<0.041	<0.071
						11/21/17	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.5 *	<0.045	<0.041	<0.071
HA-88-1075	1 Meadow Springs Drive	40	175	20	0-38, 53-56	06/22/12	**17.91**	<0.5	<0.5	<1.5	**252**	<0.5	-	-	<0.5	8.89
						07/06/12	**15.65**	<0.5	<0.5	<1.5	**341**	0.52	-	-	<0.5	10.97
						09/06/12	**40.4**	<0.079	<0.14	0.95	**417**	**0.72**	115	1.7	0.38 J	12.9
						10/04/12	**46.8**	<0.079	<0.14	1.00	**561**	**0.81**	137	2.0	0.51	16.2
						11/01/12	**46.4**	<0.079	<0.14	0.93	**619**	**1.00**	179	2.4	0.59	18.4
						12/19/12	**57.7**	<0.079	<0.14	1.1	**511**	**1.2**	164	1.9	0.47 J	16.1
						01/25/13	**45**	<0.079	<0.14	0.92	**526**	**1.10**	176	2.3	0.54	17.1
						02/21/13	**32.8**	<0.079	<0.14	0.81	**609**	**1.10**	164	2.1	0.51	17.5
						03/13/13	**30.8**	0.21 J	<0.14	0.79	**507**	**1.00**	148	1.9	0.47 J	16.4
						04/02/13	**17.5**	<0.079	<0.14	0.5	**443**	**0.72**	122	1.7	0.43 J	13.6
						05/14/13	**19.7**	<0.079	<0.14	0.51	**441**	**0.67**	117	1.4	0.36 J	12.1
						06/13/13	**28.6**	<0.079	<0.14	0.61	**652**	**0.78**	192	2	0.56	19.6

Table 3

POTABLE WELL ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland

Well Permit Number	Address	Depth of grout (ft)	Total Well Depth (ft)	Pumping Rate (gpm)	Water bearing Zones (ft)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (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**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
HA-88-1075	1 Meadow Springs Drive (cont.)	40	175	20	0-38, 53-56	09/16/13	**31.9**	<0.045	0.054 J	0.99	**355**	**0.88**	-	1.6 J	-	-
						12/06/13	**39.8**	<0.045	0.054 J	1	**384**	**0.99**	154	1.6	0.44 J	14.6
						02/25/14	**22.9**	<0.045	<0.021	<0.030	**556**	**1.2**	199	1.9	0.53	18.4
						03/13/14	**13.3**	<0.045	<0.021	0.51	**536**	**0.94**	177	2.1	0.54	16.6
						04/25/14	**10.4**	<0.045	<0.021	0.39 J	**423**	**0.73**	158	1.7	0.44 J	13.5
						06/02/14	**10.9**	<0.045	<0.021	0.30 J	**324**	0.51	106	1.3	0.30 J	10.2
						07/29/14	**8.6**	<0.071	<0.024	<0.46	5	<0.050	<0.54	<0.031	<0.031	<0.048
						09/02/14	**19.7**	<0.071	<0.024	0.59	**288**	0.57	99.8	1.2	0.28	9.4
						09/23/14	**24.9**	<0.071	<0.024	0.82	**404**	**0.8**	134	1.7	0.43 J	13
						10/28/14	**25.2**	<0.071	<0.024	0.81	**307**	**0.66**	121	1.2	0.31 J	10.8
						11/25/14	<0.028	<0.071	<0.024	<0.46	**127**	<0.050	170	<0.031	<0.031	0.25 J
						12/11/14	**22.5**	<0.071	<0.024	0.74	**485**	**0.85**	188	2.1	0.5	15.2
						01/16/15	**15.2**	<0.071	<0.024	0.54	**413**	**0.73**	140	1.3	0.36 J	11.6
						02/11/15	**15.7**	<0.071	<0.024	0.46 J	**300**	**0.61**	107	1	0.28 J	9
						03/31/15	<0.028	<0.071	<0.024	<0.029	**101**	<0.084	104	<0.038	<0.025	0.69
						04/27/15	<0.057	<0.071	<0.024	<0.029	**219**	<0.084	93.6	<0.038	<0.025	0.46 J
						05/28/15	<0.057	<0.071	<0.024	<0.029	**200**	<0.084	71	<0.038	<0.025	0.33 J
						06/26/15	<0.057	<0.071	<0.024	<0.029	**197**	<0.084	72.3	<0.038	<0.025	0.5
						07/30/15	<0.057	<0.044	<0.033	<0.029	**229**	<0.084	67.4	<0.038	<0.025	0.54
						08/27/15	<0.057	<0.044	<0.033	<0.029	**203**	<0.084	60.2	<0.038	<0.025	0.6
						09/29/15	<0.057	<0.044	<0.033	<0.029	**220**	<0.084	53.2	<0.038	<0.025	0.5
						10/14/15	1.3	<0.044	<0.033	<0.029	**212**	<0.084	60.8	0.26 J	<0.025	2.1
						11/24/15	0.61	<0.044	<0.033	<0.029	**220**	<0.084	83.4	<0.038	<0.025	0.71
						12/15/15	**17.1**	<0.044	<0.033	0.61	**279**	0.53	98.6	1	0.26 J	8.7
						01/21/16	5	ND (0.044)	ND (0.033)	0.11 J	**303**	0.19 J	99.4	0.72	0.24 J	6.4
						02/05/16	**10.9**	ND (0.044)	ND (0.033)	0.39 J	**265**	0.51	95.5	1	0.26 J	8.7
						03/23/16	**6.4**	ND (0.044)	ND (0.033)	ND (0.029)	**185**	0.41 J	63.6	0.68	0.21 J	6
						04/21/16	2.9	ND (0.044)	ND (0.033)	0.095 J	**158**	0.21 J	55.1	0.52	0.12 J	4.7
						05/18/16	0.11 J	ND (0.044)	ND (0.033)	ND (0.029)	**304**	<0.084	61.5	<0.038	<0.025	1.6
						06/24/16	**5.9**	ND (0.044)	ND (0.033)	0.20 J	**147**	0.33 J	57.1	0.59	0.14 J	4.8
						07/21/16	4.5	ND (0.044)	ND (0.033)	0.078 J	**213**	0.13 J	70.3	0.56	0.13 J	4.4
						08/25/16	0.44 J	ND (0.044)	ND (0.033)	ND (0.029)	**257**	ND (0.084)	56.2	ND (0.038)	0.064 J	1.5
						09/15/16	2.6	ND (0.044)	ND (0.033)	ND (0.029)	**260**	ND (0.084)	79.7	0.43 J	0.12 J	4
						12/02/16	**5.6**	<0.054	<0.066	<0.060	**259**	0.16 J	88.7	0.27 J	0.11 J	2.5

Table 3

POTABLE WELL ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland

Well Permit Number	Address	Depth of grout (ft)	Total Well Depth (ft)	Pumping Rate (gpm)	Water bearing Zones (ft)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (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**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
HA-88-1075	1 Meadow Springs Drive (cont.)	40	175	20	0-38, 53-56	02/23/17	**27.4**	<0.13	<0.26	<0.24	**432**	0.57	157	1.6	0.37 J	13.7
						05/15/17	**6.3**	<0.13	<0.13	<0.26	**362**	0.33 J	150	0.78	0.21 J	7
						08/23/17	**20.7**	<0.13	<0.26	<0.24	**544**	0.31 J	157	1.1	0.25 J	11.2
						11/20/17	**13.8**	<0.13	<0.26	0.37 J	**440**	0.52	173	1.2	0.33 J	9.8
						03/05/18	**18.7**	<0.13	<0.26	<0.24	**697**	0.65	297	2.3	0.45	20.3
						05/30/18	**10.3**	<0.13	<0.26	<0.24	**643**	0.73	276	2.2	0.51	17.4
						08/30/18	3.6	0.42 J	<0.076	<0.076	**484**	0.50	211	1.4	0.29 J	12.3
						11/20/18	**5.5**	0.39 J	<0.076	<0.076	**368**	0.56	150	1.1	0.21 J	7.8
						02/21/19	2	<0.11	<0.076	<0.076	**197**	<0.28	71.6	0.59	0.10 J	4.2
						05/16/19	0.32 J	<0.11	<0.076	<0.076	**99**	<0.28	38.9	0.40 J	0.070 J	2.5
						09/05/19	3.5	<0.11	<0.076	<0.076	**281**	<0.28	156	0.91	0.21	7.3
						12/20/19	3.3	<0.11	<0.076	<0.076	**383**	0.56	246	1.4	0.3	11.5
						03/09/20	<0.16	<0.11	<0.076	<0.076	**349**	<0.28	163	1.2	0.26	9.3
						06/01/20	0.53	<0.11	<0.076	<0.076	**300**	<0.28	132	1.1	0.21	7.2
						08/19/20	3.6	<0.11	<0.076	<0.076	**358**	<0.28	264	1.3	0.25 J	10.3
						11/19/20	1.1	<0.11	<0.076	<0.076	**718**	0.30 J	429	2.3	0.53	19.4
						02/17/21	0.22 J	<0.11	<0.076	<0.076	**510**	0.32 J	270	1.8	0.41 J	13.6
						05/03/21	<0.16	<0.11	<0.076	<0.076	**355**	<0.31	191	1.1	0.19 J	7.5
						08/23/21	0.8	<0.11	<0.076	<0.076	**352**	0.39	209	1.5	0.31	10
						11/30/21	<0.16	<0.11	<0.076	<0.076	**0.41 J**	<0.31	<2.5	<0.10	<0.064	<0.13
						06/20/22	0.28	<0.11	<0.076	<0.076	**270**	<0.31	83.5	1.1	0.20	7.5
HA-88-1314	3 Meadow Springs Drive	70	200	11	4-70, 82-86, 90-92, 171-182, 191-194	07/11/12	<0.5	<0.5	<0.5	<1.5	<0.5	<0.5	-	-	<0.5	<0.5
						03/12/14	<0.5	<0.5	<0.5	<1.5	0.21 J	<0.5	<0.53	<0.051	<0.5	<0.5
						09/02/14	<0.028	<0.071	<0.024	<0.046	0.43 J	<0.050	<0.54	<0.031	<0.031	<0.048
						03/31/15	<0.028	<0.071	<0.024	<0.046	0.41 J	<0.050	<0.54	<0.031	<0.031	<0.048
						09/04/15	<0.057	<0.044	<0.033	<0.029	0.29 J	<0.084	<0.89	<0.038	<0.025	<0.099
						03/23/16	<0.057	<0.044	<0.033	<0.029	0.31 J	<0.084	1.7 J	<0.038	<0.025	<0.099
						09/14/16	<0.057	<0.044	<0.033	<0.029	0.26 J	<0.084	<0.89	<0.038	<0.025	<0.099
						12/02/16	<0.051	<0.054	<0.066	<0.060	0.29 J	<0.062	<1.4	<0.068	<0.063	<0.067
						02/23/17	<0.26	<0.13	<0.26	<0.24	0.22 J	<0.18	<1.2	<0.045	<0.041	<0.071
						05/15/17	<0.26	<0.13	<0.26	<0.24	0.20 J	<0.18	<1.2	<0.045	<0.041	<0.071
						08/23/17	<0.26	<0.13	<0.26	<0.24	0.21 J	<0.18	<1.2	<0.045	<0.041	<0.071
						11/21/17	<0.26	<0.13	<0.26	<0.24	0.18 J	<0.18	<1.6 *	<0.045	<0.041	<0.071
HA-88-1147	5 Meadow Springs Drive	64	200	28	16-38, 57-73, 171-179	08/27/12	<0.047	<0.079	<0.14	<0.12	0.25	<0.060	<2.4	<0.062	<0.064	<0.050
						09/12/13	<0.10	<0.045	<0.021	<0.12	0.33 J	<0.029	<0.53	<0.051	<0.042	<0.10
						03/12/14	<0.10	<0.045	<0.021	<0.12	0.25 J	<0.029	<0.53	<0.051	<0.042	<0.10
						09/02/14	<0.028	<0.071	<0.024	<0.046	0.31 J	<0.050	<0.54	<0.031	<0.031	<0.048
						03/25/15	<0.057	<0.044	<0.033	<0.029	0.31 J	<0.084	<0.89	<0.038	<0.025	<0.099
						09/04/15	<0.057	<0.044	<0.033	<0.029	0.25 J	<0.084	<0.89	<0.038	<0.025	<0.099

Table 3

POTABLE WELL ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland

Well Permit Number	Address	Depth of grout (ft)	Total Well Depth (ft)	Pumping Rate (gpm)	Water bearing Zones (ft)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (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**	**20**	**0.65**	**NA**	**NA**	**NA**	**NA**
HA-88-1147	5 Meadow Springs Drive (cont.)	64	200	28	16-38, 57-73, 171-179	03/23/16	<0.057	<0.044	<0.033	<0.029	0.32 J	<0.084	<0.89	<0.038	<0.025	<0.099
						09/14/16	<0.057	<0.044	<0.033	<0.029	0.25 J	<0.084	<0.89	<0.038	<0.025	<0.099
						12/02/16	Home owner not available - unable to sample									
						02/23/17	<0.26	<0.13	<0.26	<0.24	0.26 J	<0.18	<1.2	<0.045	<0.041	<0.071
						05/15/17	<0.26	<0.13	<0.26	<0.24	0.26 J	<0.18	<1.2	<0.045	<0.041	<0.071
						08/23/17	<0.26	<0.13	<0.26	<0.24	0.30 J	<0.18	<1.2	<0.045	<0.041	<0.071
						11/21/17	<0.26	<0.13	<0.26	<0.24	0.25 J	<0.18	<1.6 *	<0.045	<0.041	<0.071
HA-88-1076	7 Meadow Springs Drive	50	200	20	0-42, 60-72, 74-82	10/16/12	<0.5	<0.5	<0.5	<1.5	0.18	<0.5	<0.5	<0.5	<0.5	<0.5
						03/13/13	<0.047	<0.079	<0.14	<0.12	0.14 J	<0.060	<2.4	<0.062	<0.064	<0.050
						09/12/13	<0.10	<0.045	<0.021	<0.12	0.19 J	<0.029	<0.53	<0.051	<0.042	<0.10
						03/12/14	<0.10	<0.045	<0.021	<0.12	0.17 J	<0.029	<0.53	<0.051	<0.042	<0.10
						09/02/14	<0.0.28	<0.071	<0.024	<0.046	0.17 J	<0.050	<0.54	<0.031	<0.031	<0.048
						03/25/15	<0.057	<0.044	<0.033	<0.029	0.14 J	<0.084	<0.89	<0.038	<0.025	<0.099
						09/04/15	<0.057	<0.044	<0.033	<0.029	0.11 J	<0.084	<0.89	<0.038	<0.025	<0.099
						03/23/16	<0.057	<0.044	<0.033	<0.029	<0.5	<0.084	<0.89	<0.038	<0.025	<0.099
						09/14/16	<0.057	<0.044	<0.033	<0.029	<0.5	<0.084	<0.89	<0.038	<0.025	<0.099
						12/02/16	<0.051	<0.054	<0.066	<0.060	0.11 J	<0.062	<1.4	<0.068	<0.063	<0.067
						02/23/17	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.2	<0.045	<0.041	<0.071
						05/15/17	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.2	<0.045	<0.041	<0.071
						08/23/17	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.2	<0.045	<0.041	<0.071
						11/21/17	<0.26	<0.13	<0.26	<0.24	<0.080	<0.18	<1.7 *	<0.045	<0.041	<0.071
HA-88-1315	9 Meadow Springs Drive	60	200	13	4-54, 62-64, 71-73	10/16/12	<0.5	<0.5	<0.5	<1.5	0.26	<0.5	<0.5	<0.5	<0.5	<0.5
						03/13/13	<0.047	<0.079	<0.14	<0.12	0.21 J	<0.060	<2.4	<0.062	<0.064	<0.050
						09/12/13	<0.10	<0.045	<0.021	<0.12	0.27 J	<0.029	<0.53	<0.051	<0.042	<0.10
						03/12/14	<0.10	<0.045	<0.021	<0.12	0.24 J	<0.029	<0.53	<0.051	<0.042	<0.10
						09/02/14	<0.028	<0.071	<0.024	<0.046	0.26 J	<0.050	<0.54	<0.031	<0.031	<0.048
						03/25/15	<0.057	<0.044	<0.033	<0.029	0.24 J	<0.084	<0.89	<0.038	<0.025	<0.099
						09/04/15	<0.057	<0.044	<0.033	<0.029	0.25 J	<0.084	<0.89	<0.038	<0.025	<0.099
						03/23/16	<0.057	<0.044	<0.033	<0.029	0.34 J	<0.084	1.9 J	<0.038	<0.025	<0.099
						09/14/16	<0.057	<0.044	<0.033	<0.029	0.20J	<0.084	<0.89	<0.038	<0.025	<0.099
						11/30/16	<0.051	<0.054	<0.066	<0.060	0.25 J	<0.062	<1.4	<0.068	<0.063	<0.067
						02/23/17	<0.26	<0.13	<0.26	<0.24	0.22 J	<0.18	<1.2	<0.045	<0.041	<0.071
						05/15/17	<0.26	<0.13	<0.26	<0.24	0.22 J	<0.18	<1.2	<0.045	<0.041	<0.071
						08/23/17	<0.26	<0.13	<0.26	<0.24	0.28 J	<0.18	<1.2	<0.045	<0.041	<0.071
						11/21/17	<0.26	<0.13	<0.26	<0.24	0.23 J	<0.18	<1.7 *	<0.045	<0.041	<0.071

Table 3

POTABLE WELL ANALYTICAL DATA SUMMARY

Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland

Well Permit Number	Address	Depth of grout (ft)	Total Well Depth (ft)	Pumping Rate (gpm)	Water bearing Zones (ft)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (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	20	0.65	NA	NA	NA	NA
HA-88-1077	10 Meadow Springs Drive	103	250	12	20-56, 71-79, 85-91, 104-105, 129-131, 137-250	10/16/12	<0.5	<0.5	<0.5	<1.5	0.19	<0.5	<0.5	<0.5	<0.5	<0.5
						03/13/13	<0.047	<0.079	<0.14	<0.12	0.13 J	<0.060	<2.4	<0.062	<0.064	<0.050
						09/12/13	<0.10	<0.045	<0.021	<0.12	0.20 J	<0.029	<0.53	<0.051	<0.042	<0.10
						03/12/14	<0.10	<0.045	<0.021	<0.12	0.20 J	<0.029	<0.53	<0.051	<0.042	<0.10
						09/02/14	<0.028	<0.071	<0.024	<0.046	0.20 J	<0.050	<0.54	<0.031	<0.031	<0.048
						03/31/15	<0.057	<0.044	<0.033	<0.029	0.18 J	<0.050	<0.54	<0.031	<0.031	<0.048
						09/04/15	<0.057	<0.044	<0.033	<0.029	0.23 J	<0.084	<0.89	<0.038	<0.025	<0.099
						03/23/16	<0.057	<0.044	<0.033	<0.029	0.30 J	<0.084	1.9 J	<0.038	<0.025	<0.099
						09/14/16	<0.057	<0.044	<0.033	<0.029	0.21 J	<0.084	<0.89	<0.038	<0.025	<0.099
						12/01/16	<0.051	<0.054	<0.066	<0.060	0.32 J	<0.062	<1.4	<0.068	<0.063	<0.067
						02/23/17	<0.26	<0.13	<0.26	<0.24	0.27 J	<0.18	<1.2	<0.045	<0.041	<0.071
						05/15/17	<0.26	<0.13	<0.26	<0.24	0.26 J	<0.18	<1.2	<0.045	<0.041	<0.071
						08/23/17	<0.26	<0.13	<0.26	<0.24	0.35 J	<0.18	<1.2	<0.045	<0.041	<0.071
						11/21/17	<0.26	<0.13	<0.26	<0.24	0.26 J	<0.18	<1.2	<0.045	<0.041	<0.071

Notes:

- 1 Meadow Spring Drive: Analytical data from Influent sample
- 1 Meadow Spring Drive & 3 Meadow Spring Drive: June and July 2012 analytical data from MDE sampling event

GW Cleanup Standards are the Maryland Department of the Environment (MDE) Groundwater Clean-Up Standards for Type I and II Aquifers. Standards were taken from the MDE Cleanup Standards for Soil and Groundwater, June 2008.

* = TBA detected in method blank below quantitation level as is detections in potable samples. As sample results are all below the PQL (J qualified by the laboratory), the TBA reslults are qualified as non-detect in the samples. The TBA within the samples has the same origin as the TBA within the method blank (USEPA - Superfund CLP National Functional Guidelines, 2017).

<# = Not detected, method detection limit given
µg/L = micrograms per liter
J = Estimated concentration detected above method detection limit, but below the reporting limit.
MDE = Maryland Department of the Environment
- = No information available
ft = Feet
BTEX = Benzene, toluene, ethylbenzene, xylenes
MTBE = Methyl tert-Butyl Ether
DIPE = Di-isopropyl Ether
ETBE = Ethyl tert-Butyl Ether
TAME = tert-Amyl Methyl Ether
TBA = tert-Butyl Alcohol
gpm = Gallons per minute

Appendices

Appendix A – Laboratory Reports and Chain of Custody

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Drake Petroleum Company, Inc.

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

0403388 PO#Bill Direct to Drake 7805

SGS Job Number: JD47068

Sampling Date: 06/20/22

Report to:

midatlantic@gesonline.com
ataylorsoncollins@gesonline.com

ATTN: Distribution5

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.

David Chastain
General Manager

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(68-00408), RI, SC, TX, UT, VA, WV

Sections: 1 2 3 4

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Sample Summary

Drake Petroleum Company, Inc.

Job No: JD47068

GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 0403388 PO#Bill Direct to Drake 7805

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD47068-1	06/20/22	12:20	JP	06/21/22	DW	Drinking Water Eff	1MS-EFF
JD47068-2	06/20/22	12:25	JP	06/21/22	DW	Drinking Water	1MS-MID2
JD47068-3	06/20/22	12:30	JP	06/21/22	DW	Drinking Water Inf	1MS-INF

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Summary of Hits

Job Number: JD47068
Account: Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 06/20/22

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD47068-1	**1MS-EFF**					
Tertiary Butyl Alcohol		221	5.0	2.5	ug/l	EPA 524.2 REV 4.1
JD47068-2	**1MS-MID2**					
Tertiary Butyl Alcohol		230	5.0	2.5	ug/l	EPA 524.2 REV 4.1
JD47068-3	**1MS-INF**					
Benzene		0.28 J	0.50	0.16	ug/l	EPA 524.2 REV 4.1
Di-Isopropyl ether		1.1	0.50	0.10	ug/l	EPA 524.2 REV 4.1
Ethyl tert Butyl Ether		0.20 J	0.50	0.064	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		270	5.0	1.1	ug/l	EPA 524.2 REV 4.1
tert-Amyl Methyl Ether		7.5	0.50	0.13	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		83.5	5.0	2.5	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		0.7 J			ug/l	

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: 1MS-EFF
Lab Sample ID: JD47068-1 **Date Sampled:** 06/20/22
Matrix: DW - Drinking Water Eff **Date Received:** 06/21/22
Method: EPA 524.2 REV 4.1 **Percent Solids:** n/a
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B131480.D	1	06/24/22 00:10	BK	n/a	n/a	V1B6390
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	2.5	ug/l	
78-93-3	2-Butanone	ND		5.0	1.0	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.16	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.12	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.17	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.27	ug/l	
75-25-2	Bromoform	ND		0.50	0.27	ug/l	
74-83-9	Bromomethane	ND		0.50	0.18	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.17	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.15	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.16	ug/l	
75-15-0	Carbon disulfide [a]	ND		0.50	0.38	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.093	ug/l	
75-00-3	Chloroethane	ND		0.50	0.28	ug/l	
67-66-3	Chloroform	ND		0.50	0.17	ug/l	
74-87-3	Chloromethane	ND		0.50	0.28	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.098	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.24	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.22	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.14	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.34	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.15	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.18	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.19	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.17	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.14	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.23	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.37	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.14	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:	1MS-EFF		
Lab Sample ID:	JD47068-1	**Date Sampled:**	06/20/22
Matrix:	DW - Drinking Water Eff	**Date Received:**	06/21/22
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	GESMD: 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	0.14	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.10	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.21	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.18	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.16	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.076	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.064	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.59	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.14	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.16	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.37	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.11	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.48	ug/l	
91-20-3	Naphthalene	ND		0.50	0.31	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.14	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.13	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.28	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.19	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.091	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.13	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.15	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.15	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.15	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.23	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.11	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.19	ug/l	
75-65-0	Tertiary Butyl Alcohol	221		5.0	2.5	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.15	ug/l	
	m,p-Xylene	ND		0.50	0.14	ug/l	
95-47-6	o-Xylene	ND		0.50	0.076	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.076	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:	1MS-EFF		
Lab Sample ID:	JD47068-1	**Date Sampled:**	06/20/22
Matrix:	DW - Drinking Water Eff	**Date Received:**	06/21/22
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	GESMD: 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	81%		70-130%
460-00-4	4-Bromofluorobenzene	78%		70-130%

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

(a) This compound in blank spike is outside in house QC limits bias high.

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:	1MS-MID2		
Lab Sample ID:	JD47068-2	**Date Sampled:**	06/20/22
Matrix:	DW - Drinking Water	**Date Received:**	06/21/22
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B131481.D	1	06/24/22 00:41	BK	n/a	n/a	V1B6390
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	2.5	ug/l	
78-93-3	2-Butanone	ND		5.0	1.0	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.16	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.12	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.17	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.27	ug/l	
75-25-2	Bromoform	ND		0.50	0.27	ug/l	
74-83-9	Bromomethane	ND		0.50	0.18	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.17	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.15	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.16	ug/l	
75-15-0	Carbon disulfide [a]	ND		0.50	0.38	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.093	ug/l	
75-00-3	Chloroethane	ND		0.50	0.28	ug/l	
67-66-3	Chloroform	ND		0.50	0.17	ug/l	
74-87-3	Chloromethane	ND		0.50	0.28	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.098	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.24	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.22	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.14	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.34	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.15	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.18	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.19	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.17	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.14	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.23	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.37	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.14	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:	1MS-MID2		
Lab Sample ID:	JD47068-2	**Date Sampled:**	06/20/22
Matrix:	DW - Drinking Water	**Date Received:**	06/21/22
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	GESMD: 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	0.14	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.10	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.21	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.18	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.16	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.076	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.064	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.59	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.14	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.16	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.37	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.11	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.48	ug/l	
91-20-3	Naphthalene	ND		0.50	0.31	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.14	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.13	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.28	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.19	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.091	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.13	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.15	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.15	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.15	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.23	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.11	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.19	ug/l	
75-65-0	Tertiary Butyl Alcohol	230		5.0	2.5	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.15	ug/l	
	m,p-Xylene	ND		0.50	0.14	ug/l	
95-47-6	o-Xylene	ND		0.50	0.076	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.076	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:	1MS-MID2		
Lab Sample ID:	JD47068-2	**Date Sampled:**	06/20/22
Matrix:	DW - Drinking Water	**Date Received:**	06/21/22
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	GESMD: 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	81%		70-130%
460-00-4	4-Bromofluorobenzene	77%		70-130%

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

(a) This compound in blank spike is outside in house QC limits bias high.

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: 1MS-INF
Lab Sample ID: JD47068-3 **Date Sampled:** 06/20/22
Matrix: DW - Drinking Water Inf **Date Received:** 06/21/22
Method: EPA 524.2 REV 4.1 **Percent Solids:** n/a
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B131482.D	1	06/24/22 01:12	BK	n/a	n/a	V1B6390
Run #2	1B131496.D	10	06/27/22 15:49	BK	n/a	n/a	V1B6391

	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	2.5	ug/l	
78-93-3	2-Butanone	ND		5.0	1.0	ug/l	
71-43-2	Benzene	0.28	5.0	0.50	0.16	ug/l	J
108-86-1	Bromobenzene	ND		0.50	0.12	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.17	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.27	ug/l	
75-25-2	Bromoform	ND		0.50	0.27	ug/l	
74-83-9	Bromomethane	ND		0.50	0.18	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.17	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.15	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.16	ug/l	
75-15-0	Carbon disulfide [a]	ND		0.50	0.38	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.093	ug/l	
75-00-3	Chloroethane	ND		0.50	0.28	ug/l	
67-66-3	Chloroform	ND		0.50	0.17	ug/l	
74-87-3	Chloromethane	ND		0.50	0.28	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.098	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.24	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.22	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.14	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.34	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.15	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.18	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.19	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.17	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.14	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.23	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.37	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.14	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:	1MS-INF		
Lab Sample ID:	JD47068-3	**Date Sampled:**	06/20/22
Matrix:	DW - Drinking Water Inf	**Date Received:**	06/21/22
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	GESMD: 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	0.14	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.10	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.21	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.18	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.16	ug/l	
108-20-3	Di-Isopropyl ether	1.1		0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.076	ug/l	
637-92-3	Ethyl tert Butyl Ether	0.20		0.50	0.064	ug/l	J
87-68-3	Hexachlorobutadiene	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.59	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.14	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.16	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.37	ug/l	
1634-04-4	Methyl Tert Butyl Ether	270 [b]		5.0	1.1	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.48	ug/l	
91-20-3	Naphthalene	ND		0.50	0.31	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.14	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
994-05-8	tert-Amyl Methyl Ether	7.5		0.50	0.13	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.28	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.19	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.091	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.13	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.15	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.15	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.15	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.23	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.11	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.19	ug/l	
75-65-0	Tertiary Butyl Alcohol	83.5		5.0	2.5	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.15	ug/l	
	m,p-Xylene	ND		0.50	0.14	ug/l	
95-47-6	o-Xylene	ND		0.50	0.076	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.076	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:	1MS-INF		
Lab Sample ID:	JD47068-3	**Date Sampled:**	06/20/22
Matrix:	DW - Drinking Water Inf	**Date Received:**	06/21/22
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	GESMD: 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	80%	83%	70-130%
460-00-4	4-Bromofluorobenzene	76%	78%	70-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
75-85-4	Amylene Hydrate	10.42	.7	ug/l	JN
	Total TIC, Volatile		.7	ug/l	J

(a) This compound in blank spike is outside in house QC limits bias high.
(b) Result is from Run# 2

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: JD47068
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: 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
tert-Amyl Methyl Ether	994-05-8	**EPA 524.2 REV 4.1**	AQ	SGS is not certified for this parameter.[a]
Ethyl tert Butyl Ether	637-92-3	**EPA 524.2 REV 4.1**	AQ	SGS 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.

DW

SGS ACCUTEST

CHAIN OF CUSTODY

PAGE 1 OF 1

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

FED-EX Tracking #:
Bottle Order Control #: VP-06 1522-91
SGS Accutest Quote #:
SGS Accutest Job #: JD47068

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)	Matrix Codes
Company Name: Drake Petroleum Company, Inc.	Project Name: Drake Bel Air Xtramart #7805		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
Street Address: 15 NE Industrial Road	Street: 2476 Churchville Road	Billing Information (if different from Report to)	
City: Branford, State: CT, Zip: 06405	City: Bel Air, State: MD	Company Name	
Project Contact: Andrea Taylorson-Collins ataylorsoncollins@gesonline.com, E-mail	Project #: 0403388	Street Address	
Phone #: 800-220-3606x3703, Fax #: 410-721-3733	Client Purchase Order #: Bill Direct to Drake 7805	City, State, Zip	
Sampler(s) Name(s): Jeff Plummer, Phone #	Project Manager: Andrea Taylorson-Collins	Attention:	

SGS Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	524.2 Full Suite VOCs including fuel oxygenates & naphthalene	LAB USE ONLY
1	1MS-EFF		6/20/22	12:20	JP	DW	3	3								X	
2	1MS-MID2		6/20/22	12:25	JP	DW	3	3								X	
3	1MS-INF		6/20/22	12:30	JP	DW	3	3								X	

Turnaround Time (Business days)

Approved By (SGS Accutest PM): / Date:

- [x] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day RUSH
- [ ] 2 Day RUSH
- [ ] 1 Day RUSH
- [ ] other

Emergency & Rush T/A data available VIA Lablink

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
- [ ] *NJ Data of Known Quality Protocol Reporting*

Commercial "A" = Results Only, Commercial "B" = Results + QC Summary

NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

midatlantic@gesonline.com

ges@equisonlinda.com Assessment

Sample inventory is verified upon receipt in the Laboratory

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		6/21 0900		2	6-21-22 1340	
2		6-21-22	3	4		4
5	Relinquished by:	Date Time: 1900	Received By: 5	Custody Seal #	Intact / Not intact	Preserved where applicable: On Ice ✓ Cooler Temp. 3.4

SGS Sample Receipt Summary

Job Number: JD47068 **Client:** GROUNDWATER & ENVIRONMENTAL SE **Project:** GESMD: PC # 007805 BEL AIR XTRA FUE

Date / Time Received: 6/21/2022 7:00:00 PM **Delivery Method:** **Airbill #'s:**

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

Cooler Temps (Corrected) °C: Cooler 1: (3.1);

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:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

JD47068: Chain of Custody
Page 2 of 2

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Drake Petroleum Company, Inc.

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

0403388 PO#Bill Direct to Drake 7805

SGS Job Number: JD47064

Sampling Date: 06/20/22

Report to:

Groundwater & Environmental Services
1350 Blair Drive Suite H-2
Odenton, MD 21113
ATaylorsonCollins@GESOnline.com; midatlantic@gesonline.com;
Viktoriya.Pushkova@SGS.com; Shyanna.lawhorn@globalp.com
ATTN: Andrea Taylorson-Collins

Total number of pages in report: **107**

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.

David Chastain
General Manager

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(68-00408), RI, SC, TX, UT, VA, WV

Sections: 1 2 3 4 5 6 7

Table of Contents

Sample Summary

Drake Petroleum Company, Inc.

Job No: JD47064

GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 0403388 PO#Bill Direct to Drake 7805

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD47064-1	06/20/22	15:40	JP	06/21/22	AQ	Ground Water	MW-7R
JD47064-2	06/20/22	09:30	JP	06/21/22	AQ	Ground Water	MW-14
JD47064-3	06/20/22	13:00	JP	06/21/22	AQ	Ground Water	MW-16S
JD47064-4	06/20/22	13:30	JP	06/21/22	AQ	Ground Water	MW-16I
JD47064-5	06/20/22	11:00	JP	06/21/22	AQ	Ground Water	MW-17S
JD47064-6	06/20/22	11:30	JP	06/21/22	AQ	Ground Water	MW-17I
JD47064-7	06/20/22	12:00	JP	06/21/22	AQ	Ground Water	MW-17D
JD47064-8	06/20/22	14:30	JP	06/21/22	AQ	Ground Water	MW-21S
JD47064-9	06/20/22	14:45	JP	06/21/22	AQ	Ground Water	MW-21I
JD47064-10	06/20/22	15:15	JP	06/21/22	AQ	Ground Water	MW-21D

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Summary of Hits

Job Number: JD47064
Account: Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 06/20/22

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD47064-1	**MW-7R**					
Acetone [a]		38.8 J	100	31	ug/l	SW846 8260D
n-Butylbenzene [a]		22.0	20	5.2	ug/l	SW846 8260D
sec-Butylbenzene [a]		13.6 J	20	6.2	ug/l	SW846 8260D
Ethylbenzene [a]		1430	10	6.0	ug/l	SW846 8260D
Isopropylbenzene [a]		90.9	10	6.5	ug/l	SW846 8260D
p-Isopropyltoluene [a]		8.5 J	20	6.6	ug/l	SW846 8260D
Naphthalene [a]		226	50	25	ug/l	SW846 8260D
n-Propylbenzene [a]		210	20	6.0	ug/l	SW846 8260D
1,2,4-Trimethylbenzene [a]		1240	20	10	ug/l	SW846 8260D
1,3,5-Trimethylbenzene [a]		170	20	10	ug/l	SW846 8260D
m,p-Xylene [a]		677	10	7.8	ug/l	SW846 8260D
o-Xylene [a]		48.9	10	5.9	ug/l	SW846 8260D
Xylene (total) [a]		726	10	5.9	ug/l	SW846 8260D
TPH-GRO (C6-C10)		17.3	0.20	0.11	mg/l	SW846 8015D
TPH-DRO (C10-C28)		3.97	0.083	0.053	mg/l	SW846 8015D
JD47064-2	**MW-14**					
Methyl Tert Butyl Ether		4.0	1.0	0.51	ug/l	SW846 8260D
TPH-DRO (C10-C28)		0.106	0.083	0.053	mg/l	SW846 8015D
JD47064-3	**MW-16S**					
Benzene [a]		34.5	1.0	0.85	ug/l	SW846 8260D
Di-Isopropyl ether [a]		3.0 J	4.0	1.4	ug/l	SW846 8260D
Methyl Tert Butyl Ether		640	10	5.1	ug/l	SW846 8260D
Tert Butyl Alcohol [a]		664	20	12	ug/l	SW846 8260D
tert-Amyl Methyl Ether [a]		18.8	4.0	0.77	ug/l	SW846 8260D
TPH-GRO (C6-C10)		0.923	0.20	0.11	mg/l	SW846 8015D
TPH-DRO (C10-C28)		0.192	0.083	0.053	mg/l	SW846 8015D
JD47064-4	**MW-16I**					
Benzene [a]		25.2	10	8.5	ug/l	SW846 8260D
Methyl Tert Butyl Ether [a]		3220	20	10	ug/l	SW846 8260D
Tert Butyl Alcohol [a]		1880	200	120	ug/l	SW846 8260D
tert-Amyl Methyl Ether [a]		106	40	7.7	ug/l	SW846 8260D
TPH-GRO (C6-C10)		3.83	0.20	0.11	mg/l	SW846 8015D
TPH-DRO (C10-C28)		0.115	0.083	0.053	mg/l	SW846 8015D
JD47064-5	**MW-17S**					

No hits reported in this sample.

Summary of Hits

Job Number: JD47064
Account: Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 06/20/22

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD47064-6	**MW-17I**					
TPH-DRO (C10-C28)		0.0925	0.083	0.053	mg/l	SW846 8015D
JD47064-7	**MW-17D**					
Acetone		5.5 J	10	3.1	ug/l	SW846 8260D
TPH-DRO (C10-C28)		0.306	0.083	0.053	mg/l	SW846 8015D
JD47064-8	**MW-21S**					
Benzene [a]		15.1	2.0	1.7	ug/l	SW846 8260D
Di-Isopropyl ether [a]		4.1 J	8.0	2.7	ug/l	SW846 8260D
Methyl Tert Butyl Ether		880	50	25	ug/l	SW846 8260D
Tert Butyl Alcohol [a]		899	40	23	ug/l	SW846 8260D
tert-Amyl Methyl Ether [a]		30.9	8.0	1.5	ug/l	SW846 8260D
TPH-GRO (C6-C10)		1.10	0.20	0.11	mg/l	SW846 8015D
TPH-DRO (C10-C28)		0.179	0.083	0.053	mg/l	SW846 8015D
JD47064-9	**MW-21I**					
Benzene [a]		21.6	5.0	4.3	ug/l	SW846 8260D
Di-Isopropyl ether [a]		18.5 J	20	6.8	ug/l	SW846 8260D
Methyl Tert Butyl Ether		3890	100	51	ug/l	SW846 8260D
Tert Butyl Alcohol [a]		1060	100	58	ug/l	SW846 8260D
tert-Amyl Methyl Ether [a]		124	20	3.9	ug/l	SW846 8260D
TPH-GRO (C6-C10)		4.40	0.20	0.11	mg/l	SW846 8015D
TPH-DRO (C10-C28)		0.166	0.083	0.053	mg/l	SW846 8015D
JD47064-10	**MW-21D**					
Benzene		0.50	0.50	0.43	ug/l	SW846 8260D
Di-Isopropyl ether		2.5	2.0	0.68	ug/l	SW846 8260D
Methyl Tert Butyl Ether		444	10	5.1	ug/l	SW846 8260D
Tert Butyl Alcohol		14.2	10	5.8	ug/l	SW846 8260D
tert-Amyl Methyl Ether		12.8	2.0	0.39	ug/l	SW846 8260D
TPH-GRO (C6-C10)		0.570	0.20	0.11	mg/l	SW846 8015D
TPH-DRO (C10-C28)		0.107	0.083	0.053	mg/l	SW846 8015D

(a) Dilution required due to high concentration of target compound.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-7R		
Lab Sample ID:	JD47064-1	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	L343453.D	10	06/28/22 00:43	BK	n/a	n/a	VL10372
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	38.8	100	31	ug/l	J
71-43-2	Benzene	ND	5.0	4.3	ug/l	
108-86-1	Bromobenzene	ND	10	5.5	ug/l	
74-97-5	Bromochloromethane	ND	10	4.8	ug/l	
75-27-4	Bromodichloromethane	ND	10	4.5	ug/l	
75-25-2	Bromoform	ND	10	6.3	ug/l	
74-83-9	Bromomethane	ND	20	16	ug/l	
78-93-3	2-Butanone (MEK)	ND	100	69	ug/l	
104-51-8	n-Butylbenzene	22.0	20	5.2	ug/l	
135-98-8	sec-Butylbenzene	13.6	20	6.2	ug/l	J
98-06-6	tert-Butylbenzene	ND	20	6.9	ug/l	
56-23-5	Carbon tetrachloride	ND	10	5.5	ug/l	
108-90-7	Chlorobenzene	ND	10	5.6	ug/l	
75-00-3	Chloroethane	ND	10	7.3	ug/l	
67-66-3	Chloroform	ND	10	5.0	ug/l	
74-87-3	Chloromethane	ND	10	7.6	ug/l	
95-49-8	o-Chlorotoluene	ND	20	6.3	ug/l	
106-43-4	p-Chlorotoluene	ND	20	6.0	ug/l	
108-20-3	Di-Isopropyl ether	ND	20	6.8	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	20	5.3	ug/l	
124-48-1	Dibromochloromethane	ND	10	5.6	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	4.8	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	10	5.3	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	10	5.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	10	5.1	ug/l	
75-71-8	Dichlorodifluoromethane	ND	20	5.6	ug/l	
75-34-3	1,1-Dichloroethane	ND	10	5.7	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	6.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	10	5.9	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	10	5.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	10	5.4	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	5.1	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-7R		
Lab Sample ID:	JD47064-1	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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	4.3	ug/l	
594-20-7	2,2-Dichloropropane	ND	10	5.2	ug/l	
563-58-6	1,1-Dichloropropene	ND	10	4.2	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	10	4.7	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	4.3	ug/l	
100-41-4	Ethylbenzene	1430	10	6.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	20	5.4	ug/l	
98-82-8	Isopropylbenzene	90.9	10	6.5	ug/l	
99-87-6	p-Isopropyltoluene	8.5	20	6.6	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	10	5.1	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	50	19	ug/l	
74-95-3	Methylene bromide	ND	10	4.8	ug/l	
75-09-2	Methylene chloride	ND	20	10	ug/l	
91-20-3	Naphthalene	226	50	25	ug/l	
103-65-1	n-Propylbenzene	210	20	6.0	ug/l	
100-42-5	Styrene	ND	10	4.9	ug/l	
75-65-0	Tert Butyl Alcohol	ND	100	58	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	20	3.9	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	20	5.6	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	6.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	6.5	ug/l	
127-18-4	Tetrachloroethene	ND	10	9.0	ug/l	
108-88-3	Toluene	ND	10	5.3	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	10	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	10	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	10	5.4	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	10	5.3	ug/l	
79-01-6	Trichloroethene	ND	10	5.3	ug/l	
75-69-4	Trichlorofluoromethane	ND	20	4.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	20	7.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	1240	20	10	ug/l	
108-67-8	1,3,5-Trimethylbenzene	170	20	10	ug/l	
75-01-4	Vinyl chloride	ND	10	7.9	ug/l	
	m,p-Xylene	677	10	7.8	ug/l	
95-47-6	o-Xylene	48.9	10	5.9	ug/l	
1330-20-7	Xylene (total)	726	10	5.9	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-120%

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

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

Report of Analysis

Client Sample ID:	MW-7R		
Lab Sample ID:	JD47064-1	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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%		80-120%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	94%		82-114%

(a) Dilution required due to high concentration of target compound.

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-7R		
Lab Sample ID:	JD47064-1	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8015D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM117803.D	1	06/24/22 22:35	MJ	n/a	n/a	GLM4899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	17.3	0.20	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	124% [a]		63-120%

(a) Outside in house QC limits.

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-7R		
Lab Sample ID:	JD47064-1	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8015D SW846 3510C	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ104906.D	1	06/24/22 23:05	MB	06/23/22 14:50	OP40427	GZZ3866
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)	3.97	0.083	0.053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	39%		13-117%
438-22-2	5a-Androstane	20%		10-114%

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		
Lab Sample ID:	JD47064-2	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2V89632.D	1	06/28/22 12:59	NW	n/a	n/a	V2V3658
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 [a]	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [b]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK) [a]	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.68	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	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-14		
Lab Sample ID:	JD47064-2	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.54	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	4.0	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	2.5	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	5.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.39	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.56	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		80-120%

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

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

Report of Analysis

Client Sample ID:	MW-14		
Lab Sample ID:	JD47064-2	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

VOA Full List + Oxygenates

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		80-120%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	104%		82-114%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(b) Associated CCV outside of control limits high, sample was ND.

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		
Lab Sample ID:	JD47064-2	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8015D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM117782.D	1	06/24/22 13:05	MJ	n/a	n/a	GLM4899
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	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	86%		63-120%

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

Report of Analysis

Client Sample ID: MW-14
Lab Sample ID: JD47064-2 **Date Sampled:** 06/20/22
Matrix: AQ - Ground Water **Date Received:** 06/21/22
Method: SW846 8015D SW846 3510C **Percent Solids:** n/a
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ104907.D	1	06/24/22 23:39	MB	06/23/22 14:50	OP40427	GZZ3866
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)	0.106	0.083	0.053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	64%		13-117%
438-22-2	5a-Androstane	24%		10-114%

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		
Lab Sample ID:	JD47064-3	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2V89639.D	2	06/28/22 15:41	NW	n/a	n/a	V2V3658
Run #2	L343464.D	10	06/28/22 05:00	BK	n/a	n/a	VL10372

	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 [b]	ND	20	6.1	ug/l	
71-43-2	Benzene	34.5	1.0	0.85	ug/l	
108-86-1	Bromobenzene	ND	2.0	1.1	ug/l	
74-97-5	Bromochloromethane	ND	2.0	0.96	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.90	ug/l	
75-25-2	Bromoform	ND	2.0	1.3	ug/l	
74-83-9	Bromomethane [c]	ND	4.0	3.3	ug/l	
78-93-3	2-Butanone (MEK) [b]	ND	20	14	ug/l	
104-51-8	n-Butylbenzene	ND	4.0	1.0	ug/l	
135-98-8	sec-Butylbenzene	ND	4.0	1.2	ug/l	
98-06-6	tert-Butylbenzene	ND	4.0	1.4	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	1.1	ug/l	
108-90-7	Chlorobenzene	ND	2.0	1.1	ug/l	
75-00-3	Chloroethane	ND	2.0	1.5	ug/l	
67-66-3	Chloroform	ND	2.0	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	1.5	ug/l	
95-49-8	o-Chlorotoluene	ND	4.0	1.3	ug/l	
106-43-4	p-Chlorotoluene	ND	4.0	1.2	ug/l	
108-20-3	Di-Isopropyl ether	3.0	4.0	1.4	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.0	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	1.1	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.95	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	2.0	1.1	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	2.0	1.1	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	2.0	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	4.0	1.1	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	1.1	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	1.2	ug/l	
75-35-4	1,1-Dichloroethene	ND	2.0	1.2	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	1.1	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	1.0	ug/l	

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

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

Report of Analysis

Client Sample ID:	MW-16S		
Lab Sample ID:	JD47064-3	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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	2.0	0.85	ug/l	
594-20-7	2,2-Dichloropropane	ND	2.0	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	2.0	0.84	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.94	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.86	ug/l	
100-41-4	Ethylbenzene	ND	2.0	1.2	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	1.3	ug/l	
99-87-6	p-Isopropyltoluene	ND	4.0	1.3	ug/l	
1634-04-4	Methyl Tert Butyl Ether	640 [d]	10	5.1	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	10	3.7	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.96	ug/l	
75-09-2	Methylene chloride	ND	4.0	2.0	ug/l	
91-20-3	Naphthalene	ND	10	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	4.0	1.2	ug/l	
100-42-5	Styrene	ND	2.0	0.97	ug/l	
75-65-0	Tert Butyl Alcohol	664	20	12	ug/l	
994-05-8	tert-Amyl Methyl Ether	18.8	4.0	0.77	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	4.0	1.1	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	1.2	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	1.3	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	1.8	ug/l	
108-88-3	Toluene	ND	2.0	1.1	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	1.1	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	1.1	ug/l	
79-01-6	Trichloroethene	ND	2.0	1.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	4.0	0.80	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	4.0	1.4	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	4.0	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	4.0	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.6	ug/l	
	m,p-Xylene	ND	2.0	1.6	ug/l	
95-47-6	o-Xylene	ND	2.0	1.2	ug/l	
1330-20-7	Xylene (total)	ND	2.0	1.2	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%	106%	80-120%

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

Report of Analysis

Client Sample ID:	MW-16S		
Lab Sample ID:	JD47064-3	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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	109%	95%	80-120%
2037-26-5	Toluene-D8	99%	99%	80-120%
460-00-4	4-Bromofluorobenzene	104%	91%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(c) Associated CCV outside of control limits high, sample was ND.
(d) Result is from Run# 2

Report of Analysis

Client Sample ID:	MW-16S		
Lab Sample ID:	JD47064-3	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8015D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM117796.D	1	06/24/22 19:27	MJ	n/a	n/a	GLM4899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.923	0.20	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	105%		63-120%

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

Report of Analysis

Client Sample ID:	MW-16S		
Lab Sample ID:	JD47064-3	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8015D SW846 3510C	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ104908.D	1	06/25/22 00:13	MB	06/23/22 14:50	OP40427	GZZ3866
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)	0.192	0.083	0.053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	59%		13-117%
438-22-2	5a-Androstane	17%		10-114%

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		
Lab Sample ID:	JD47064-4	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	L343465.D	20	06/28/22 05:24	BK	n/a	n/a	VL10372
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	200	61	ug/l	
71-43-2	Benzene	25.2	10	8.5	ug/l	
108-86-1	Bromobenzene	ND	20	11	ug/l	
74-97-5	Bromochloromethane	ND	20	9.6	ug/l	
75-27-4	Bromodichloromethane	ND	20	9.0	ug/l	
75-25-2	Bromoform	ND	20	13	ug/l	
74-83-9	Bromomethane	ND	40	33	ug/l	
78-93-3	2-Butanone (MEK)	ND	200	140	ug/l	
104-51-8	n-Butylbenzene	ND	40	10	ug/l	
135-98-8	sec-Butylbenzene	ND	40	12	ug/l	
98-06-6	tert-Butylbenzene	ND	40	14	ug/l	
56-23-5	Carbon tetrachloride	ND	20	11	ug/l	
108-90-7	Chlorobenzene	ND	20	11	ug/l	
75-00-3	Chloroethane	ND	20	15	ug/l	
67-66-3	Chloroform	ND	20	10	ug/l	
74-87-3	Chloromethane	ND	20	15	ug/l	
95-49-8	o-Chlorotoluene	ND	40	13	ug/l	
106-43-4	p-Chlorotoluene	ND	40	12	ug/l	
108-20-3	Di-Isopropyl ether	ND	40	14	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	40	11	ug/l	
124-48-1	Dibromochloromethane	ND	20	11	ug/l	
106-93-4	1,2-Dibromoethane	ND	20	9.5	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	20	11	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	20	11	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	20	10	ug/l	
75-71-8	Dichlorodifluoromethane	ND	40	11	ug/l	
75-34-3	1,1-Dichloroethane	ND	20	11	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	12	ug/l	
75-35-4	1,1-Dichloroethene	ND	20	12	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	20	10	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	20	11	ug/l	
78-87-5	1,2-Dichloropropane	ND	20	10	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-16I		
Lab Sample ID:	JD47064-4	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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	20	8.5	ug/l	
594-20-7	2,2-Dichloropropane	ND	20	10	ug/l	
563-58-6	1,1-Dichloropropene	ND	20	8.4	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	20	9.4	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	20	8.6	ug/l	
100-41-4	Ethylbenzene	ND	20	12	ug/l	
87-68-3	Hexachlorobutadiene	ND	40	11	ug/l	
98-82-8	Isopropylbenzene	ND	20	13	ug/l	
99-87-6	p-Isopropyltoluene	ND	40	13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3220	20	10	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	100	37	ug/l	
74-95-3	Methylene bromide	ND	20	9.6	ug/l	
75-09-2	Methylene chloride	ND	40	20	ug/l	
91-20-3	Naphthalene	ND	100	50	ug/l	
103-65-1	n-Propylbenzene	ND	40	12	ug/l	
100-42-5	Styrene	ND	20	9.7	ug/l	
75-65-0	Tert Butyl Alcohol	1880	200	120	ug/l	
994-05-8	tert-Amyl Methyl Ether	106	40	7.7	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	40	11	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	20	12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	20	13	ug/l	
127-18-4	Tetrachloroethene	ND	20	18	ug/l	
108-88-3	Toluene	ND	20	11	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	20	10	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	20	10	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	20	11	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	20	11	ug/l	
79-01-6	Trichloroethene	ND	20	11	ug/l	
75-69-4	Trichlorofluoromethane	ND	40	8.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	40	14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	40	20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	40	20	ug/l	
75-01-4	Vinyl chloride	ND	20	16	ug/l	
	m,p-Xylene	ND	20	16	ug/l	
95-47-6	o-Xylene	ND	20	12	ug/l	
1330-20-7	Xylene (total)	ND	20	12	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%

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

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

Report of Analysis

Client Sample ID:	MW-16I		
Lab Sample ID:	JD47064-4	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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%		80-120%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	92%		82-114%

(a) Dilution required due to high concentration of target compound.

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		
Lab Sample ID:	JD47064-4	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8015D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM117798.D	1	06/24/22 20:21	MJ	n/a	n/a	GLM4899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	3.83	0.20	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	106%		63-120%

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

Report of Analysis

Client Sample ID:	MW-16I		
Lab Sample ID:	JD47064-4	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8015D SW846 3510C	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ104909.D	1	06/25/22 00:48	MB	06/23/22 14:50	OP40427	GZZ3866
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)	0.115	0.083	0.053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	72%		13-117%
438-22-2	5a-Androstane	46%		10-114%

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		
Lab Sample ID:	JD47064-5	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L343466.D	1	06/28/22 05:47	BK	n/a	n/a	VL10372
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	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.68	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	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		
Lab Sample ID:	JD47064-5	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.54	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	2.5	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	5.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.39	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.56	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%

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

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

Report of Analysis

Client Sample ID:	MW-17S		
Lab Sample ID:	JD47064-5	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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%		80-120%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	91%		82-114%

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		
Lab Sample ID:	JD47064-5	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8015D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM117792.D	1	06/24/22 17:40	MJ	n/a	n/a	GLM4899
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	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	104%		63-120%

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

Report of Analysis

Client Sample ID:	MW-17S		
Lab Sample ID:	JD47064-5	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8015D SW846 3510C	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ104910.D	1	06/25/22 01:22	MB	06/23/22 14:50	OP40427	GZZ3866
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	0.053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	56%		13-117%
438-22-2	5a-Androstane	19%		10-114%

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		
Lab Sample ID:	JD47064-6	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2V89633.D	1	06/28/22 13:22	NW	n/a	n/a	V2V3658
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 [a]	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [b]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK) [a]	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.68	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	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		
Lab Sample ID:	JD47064-6	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.54	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	2.5	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	5.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.39	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.56	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		80-120%

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

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

Report of Analysis

Client Sample ID:	MW-17I		
Lab Sample ID:	JD47064-6	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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	109%		80-120%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	104%		82-114%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(b) Associated CCV outside of control limits high, sample was ND.

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
Lab Sample ID: JD47064-6 **Date Sampled:** 06/20/22
Matrix: AQ - Ground Water **Date Received:** 06/21/22
Method: SW846 8015D **Percent Solids:** n/a
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM117793.D	1	06/24/22 18:07	MJ	n/a	n/a	GLM4899
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	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	106%		63-120%

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

Report of Analysis

Client Sample ID:	MW-17I		
Lab Sample ID:	JD47064-6	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8015D SW846 3510C	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ104915.D	1	06/25/22 04:12	MB	06/23/22 14:50	OP40427	GZZ3866
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)	0.0925	0.083	0.053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	68%		13-117%
438-22-2	5a-Androstane	39%		10-114%

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		
Lab Sample ID:	JD47064-7	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L343467.D	1	06/28/22 06:11	BK	n/a	n/a	VL10372
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	5.5	10	3.1	ug/l	J
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.68	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	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		
Lab Sample ID:	JD47064-7	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.54	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	2.5	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	5.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.39	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.56	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		80-120%

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

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

Report of Analysis

Client Sample ID:	MW-17D		
Lab Sample ID:	JD47064-7	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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%		80-120%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	89%		82-114%

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		
Lab Sample ID:	JD47064-7	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8015D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM117794.D	1	06/24/22 18:34	MJ	n/a	n/a	GLM4899
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	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	105%		63-120%

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

Report of Analysis

Client Sample ID: MW-17D
Lab Sample ID: JD47064-7 **Date Sampled:** 06/20/22
Matrix: AQ - Ground Water **Date Received:** 06/21/22
Method: SW846 8015D SW846 3510C **Percent Solids:** n/a
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ104916.D	1	06/25/22 04:46	MB	06/23/22 14:50	OP40427	GZZ3866
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)	0.306	0.083	0.053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	71%		13-117%
438-22-2	5a-Androstane	29%		10-114%

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-21S		
Lab Sample ID:	JD47064-8	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	L343468.D	4	06/28/22 06:34	BK	n/a	n/a	VL10372
Run #2	2A218150.D	50	06/30/22 12:56	NH	n/a	n/a	V2A9483

	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	40	12	ug/l	
71-43-2	Benzene	15.1	2.0	1.7	ug/l	
108-86-1	Bromobenzene	ND	4.0	2.2	ug/l	
74-97-5	Bromochloromethane	ND	4.0	1.9	ug/l	
75-27-4	Bromodichloromethane	ND	4.0	1.8	ug/l	
75-25-2	Bromoform	ND	4.0	2.5	ug/l	
74-83-9	Bromomethane	ND	8.0	6.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	40	27	ug/l	
104-51-8	n-Butylbenzene	ND	8.0	2.1	ug/l	
135-98-8	sec-Butylbenzene	ND	8.0	2.5	ug/l	
98-06-6	tert-Butylbenzene	ND	8.0	2.8	ug/l	
56-23-5	Carbon tetrachloride	ND	4.0	2.2	ug/l	
108-90-7	Chlorobenzene	ND	4.0	2.2	ug/l	
75-00-3	Chloroethane	ND	4.0	2.9	ug/l	
67-66-3	Chloroform	ND	4.0	2.0	ug/l	
74-87-3	Chloromethane	ND	4.0	3.0	ug/l	
95-49-8	o-Chlorotoluene	ND	8.0	2.5	ug/l	
106-43-4	p-Chlorotoluene	ND	8.0	2.4	ug/l	
108-20-3	Di-Isopropyl ether	4.1	8.0	2.7	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	8.0	2.1	ug/l	
124-48-1	Dibromochloromethane	ND	4.0	2.2	ug/l	
106-93-4	1,2-Dibromoethane	ND	4.0	1.9	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.0	2.1	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.0	2.2	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.0	2.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	8.0	2.2	ug/l	
75-34-3	1,1-Dichloroethane	ND	4.0	2.3	ug/l	
107-06-2	1,2-Dichloroethane	ND	4.0	2.4	ug/l	
75-35-4	1,1-Dichloroethene	ND	4.0	2.4	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	4.0	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	4.0	2.1	ug/l	
78-87-5	1,2-Dichloropropane	ND	4.0	2.0	ug/l	

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

Report of Analysis

Client Sample ID:	MW-21S		
Lab Sample ID:	JD47064-8	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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	4.0	1.7	ug/l	
594-20-7	2,2-Dichloropropane	ND	4.0	2.1	ug/l	
563-58-6	1,1-Dichloropropene	ND	4.0	1.7	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	4.0	1.9	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	4.0	1.7	ug/l	
100-41-4	Ethylbenzene	ND	4.0	2.4	ug/l	
87-68-3	Hexachlorobutadiene	ND	8.0	2.1	ug/l	
98-82-8	Isopropylbenzene	ND	4.0	2.6	ug/l	
99-87-6	p-Isopropyltoluene	ND	8.0	2.6	ug/l	
1634-04-4	Methyl Tert Butyl Ether	880 [b]	50	25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	20	7.4	ug/l	
74-95-3	Methylene bromide	ND	4.0	1.9	ug/l	
75-09-2	Methylene chloride	ND	8.0	4.0	ug/l	
91-20-3	Naphthalene	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	8.0	2.4	ug/l	
100-42-5	Styrene	ND	4.0	1.9	ug/l	
75-65-0	Tert Butyl Alcohol	899	40	23	ug/l	
994-05-8	tert-Amyl Methyl Ether	30.9	8.0	1.5	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	8.0	2.2	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.0	2.4	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.0	2.6	ug/l	
127-18-4	Tetrachloroethene	ND	4.0	3.6	ug/l	
108-88-3	Toluene	ND	4.0	2.1	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	4.0	2.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.0	2.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	4.0	2.1	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	4.0	2.1	ug/l	
79-01-6	Trichloroethene	ND	4.0	2.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	8.0	1.6	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	8.0	2.8	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	8.0	4.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	8.0	4.0	ug/l	
75-01-4	Vinyl chloride	ND	4.0	3.1	ug/l	
	m,p-Xylene	ND	4.0	3.1	ug/l	
95-47-6	o-Xylene	ND	4.0	2.4	ug/l	
1330-20-7	Xylene (total)	ND	4.0	2.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%	96%	80-120%

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

Report of Analysis

Client Sample ID:	MW-21S		
Lab Sample ID:	JD47064-8	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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%	106%	80-120%
2037-26-5	Toluene-D8	97%	96%	80-120%
460-00-4	4-Bromofluorobenzene	91%	98%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) 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-21S		
Lab Sample ID:	JD47064-8	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8015D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM117797.D	1	06/24/22 19:54	MJ	n/a	n/a	GLM4899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.10	0.20	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	106%		63-120%

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

Report of Analysis

Client Sample ID: MW-21S
Lab Sample ID: JD47064-8 **Date Sampled:** 06/20/22
Matrix: AQ - Ground Water **Date Received:** 06/21/22
Method: SW846 8015D SW846 3510C **Percent Solids:** n/a
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ104917.D	1	06/25/22 05:20	MB	06/23/22 14:50	OP40427	GZZ3866
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)	0.179	0.083	0.053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	76%		13-117%
438-22-2	5a-Androstane	24%		10-114%

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-21I		
Lab Sample ID:	JD47064-9	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	L343469.D	10	06/28/22 06:58	BK	n/a	n/a	VL10372
Run #2	2V89638.D	100	06/28/22 15:18	NW	n/a	n/a	V2V3658

	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	31	ug/l	
71-43-2	Benzene	21.6	5.0	4.3	ug/l	
108-86-1	Bromobenzene	ND	10	5.5	ug/l	
74-97-5	Bromochloromethane	ND	10	4.8	ug/l	
75-27-4	Bromodichloromethane	ND	10	4.5	ug/l	
75-25-2	Bromoform	ND	10	6.3	ug/l	
74-83-9	Bromomethane	ND	20	16	ug/l	
78-93-3	2-Butanone (MEK)	ND	100	69	ug/l	
104-51-8	n-Butylbenzene	ND	20	5.2	ug/l	
135-98-8	sec-Butylbenzene	ND	20	6.2	ug/l	
98-06-6	tert-Butylbenzene	ND	20	6.9	ug/l	
56-23-5	Carbon tetrachloride	ND	10	5.5	ug/l	
108-90-7	Chlorobenzene	ND	10	5.6	ug/l	
75-00-3	Chloroethane	ND	10	7.3	ug/l	
67-66-3	Chloroform	ND	10	5.0	ug/l	
74-87-3	Chloromethane	ND	10	7.6	ug/l	
95-49-8	o-Chlorotoluene	ND	20	6.3	ug/l	
106-43-4	p-Chlorotoluene	ND	20	6.0	ug/l	
108-20-3	Di-Isopropyl ether	18.5	20	6.8	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	20	5.3	ug/l	
124-48-1	Dibromochloromethane	ND	10	5.6	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	4.8	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	10	5.3	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	10	5.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	10	5.1	ug/l	
75-71-8	Dichlorodifluoromethane	ND	20	5.6	ug/l	
75-34-3	1,1-Dichloroethane	ND	10	5.7	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	6.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	10	5.9	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	10	5.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	10	5.4	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	5.1	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-21I		
Lab Sample ID:	JD47064-9	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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	4.3	ug/l	
594-20-7	2,2-Dichloropropane	ND	10	5.2	ug/l	
563-58-6	1,1-Dichloropropene	ND	10	4.2	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	10	4.7	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	10	4.3	ug/l	
100-41-4	Ethylbenzene	ND	10	6.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	20	5.4	ug/l	
98-82-8	Isopropylbenzene	ND	10	6.5	ug/l	
99-87-6	p-Isopropyltoluene	ND	20	6.6	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3890 [b]	100	51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	50	19	ug/l	
74-95-3	Methylene bromide	ND	10	4.8	ug/l	
75-09-2	Methylene chloride	ND	20	10	ug/l	
91-20-3	Naphthalene	ND	50	25	ug/l	
103-65-1	n-Propylbenzene	ND	20	6.0	ug/l	
100-42-5	Styrene	ND	10	4.9	ug/l	
75-65-0	Tert Butyl Alcohol	1060	100	58	ug/l	
994-05-8	tert-Amyl Methyl Ether	124	20	3.9	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	20	5.6	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	6.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	6.5	ug/l	
127-18-4	Tetrachloroethene	ND	10	9.0	ug/l	
108-88-3	Toluene	ND	10	5.3	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	10	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	10	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	10	5.4	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	10	5.3	ug/l	
79-01-6	Trichloroethene	ND	10	5.3	ug/l	
75-69-4	Trichlorofluoromethane	ND	20	4.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	20	7.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	20	10	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	20	10	ug/l	
75-01-4	Vinyl chloride	ND	10	7.9	ug/l	
	m,p-Xylene	ND	10	7.8	ug/l	
95-47-6	o-Xylene	ND	10	5.9	ug/l	
1330-20-7	Xylene (total)	ND	10	5.9	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%	93%	80-120%

ND = Not detected MDL = Method Detection Limit
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J = Indicates 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-21I		
Lab Sample ID:	JD47064-9	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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	98%	111%	80-120%
2037-26-5	Toluene-D8	99%	100%	80-120%
460-00-4	4-Bromofluorobenzene	91%	105%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) 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-21I		
Lab Sample ID:	JD47064-9	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8015D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM117802.D	1	06/24/22 22:08	MJ	n/a	n/a	GLM4899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	4.40	0.20	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	105%		63-120%

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-21I
Lab Sample ID: JD47064-9 **Date Sampled:** 06/20/22
Matrix: AQ - Ground Water **Date Received:** 06/21/22
Method: SW846 8015D SW846 3510C **Percent Solids:** n/a
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ104918.D	1	06/25/22 05:54	MB	06/23/22 14:50	OP40427	GZZ3866
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)	0.166	0.083	0.053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	75%		13-117%
438-22-2	5a-Androstane	45%		10-114%

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-21D		
Lab Sample ID:	JD47064-10	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L343454.D	1	06/28/22 01:06	BK	n/a	n/a	VL10372
Run #2	L343457.D	10	06/28/22 02:16	BK	n/a	n/a	VL10372

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

VOA Full List + Oxygenates

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	0.50	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
108-20-3	Di-Isopropyl ether	2.5	2.0	0.68	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	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-21D		
Lab Sample ID:	JD47064-10	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.54	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	444 [a]	10	5.1	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	2.5	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
75-65-0	Tert Butyl Alcohol	14.2	10	5.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	12.8	2.0	0.39	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.56	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%	105%	80-120%

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

Report of Analysis

Client Sample ID:	MW-21D		
Lab Sample ID:	JD47064-10	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	GESMD: 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%	98%	80-120%
2037-26-5	Toluene-D8	99%	100%	80-120%
460-00-4	4-Bromofluorobenzene	91%	93%	82-114%

(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-21D		
Lab Sample ID:	JD47064-10	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8015D	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LM117795.D	1	06/24/22 19:00	MJ	n/a	n/a	GLM4899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.570	0.20	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	105%		63-120%

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

Report of Analysis

Client Sample ID:	MW-21D		
Lab Sample ID:	JD47064-10	**Date Sampled:**	06/20/22
Matrix:	AQ - Ground Water	**Date Received:**	06/21/22
Method:	SW846 8015D SW846 3510C	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	ZZ104919.D	1	06/25/22 06:28	MB	06/23/22 14:50	OP40427	GZZ3866
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	0.053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	61%		13-117%
438-22-2	5a-Androstane	33%		10-114%

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:

- Chain of Custody

GW

SGS ACCUTEST

CHAIN OF CUSTODY

PAGE 1 OF 1

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

FED-EX Tracking # | Bottle Order Control # VP-061522-91
SGS Accutest Quote # | SGS Accutest Job # JD47064

Client / Reporting Information
Company Name: Drake Petroleum Company, Inc.
Street Address: 15 NE Industrial Road
City / State / Zip: Branford, CT 06405
Project Contact / E-mail: Andrea Taylorson-Collins ataylorsoncollins@gesonline.com
Phone #: 800-220-3606x3703 Fax #: 410-721-3733
Sampler(s) Name(s): Jeff Plummer Phone #

Project Information
Project Name: Drake Bel Air Xtramart #7805
Street: 2476 Churchville Road
City: Bel Air State: MD
Project #: 0403388
Client Purchase Order #: Bill Direct to Drake 7805
Project Manager: Andrea Taylorson-Collins

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

Requested Analysis (see TEST CODE sheet)

SGS Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	8260 Full Suite VOCs including fuel oxygenates & naphthalene	8015 TPH-DRO	8015 TPH-GRO	LAB USE ONLY
1	MW-7R	•	6/20/22	15:40	JP	GW	9	5				4				X	X	X	
2	MW-14		6/20/22	9:30	JP	GW	7	5				2				X	X	X	E83
3	MW-16S	*	6/20/22	13:00	JP	GW	8	6				2				X	X	X	V1202
4	MW-16I		6/20/22	13:30	JP	GW	7	5				2				X	X	X	
5	MW-17S		6/20/22	11:00	JP	GW	7	5				2				X	X	X	
6	MW-17I		6/20/22	11:30	JP	GW	7	5				2				X	X	X	
7	MW-17D		6/20/22	12:00	JP	GW	7	5				2				X	X	X	
8	MW-21S		6/20/22	14:30	JP	GW	7	5				2				X	X	X	
9	MW-21I		6/20/22	14:45	JP	GW	7	5				2				X	X	X	
10	MW-21D		6/20/22	15:15	JP	GW	7	5				2				X	X	X	

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

Turnaround Time (Business days)
- [x] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day RUSH
- [ ] 2 Day RUSH
- [ ] 1 Day RUSH
- [ ] other

Approved By (SGS Accutest PM): / Date:

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information
- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NJ Data of Known Quality Protocol Reporting
- [ ] 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
midatlantic@gesonline.com • QC EXT
ges@equisonline.com
*QC VOA
Initial Assessment ARA
Label Verification
Sample inventory is verified upon receipt in the Laboratory

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 [signature]	6-21-22 0800	1 Denise Wooding	2 Denise Wooding	6-21-22 1340	2 [signature]
3 Relinquished by Sampler: [signature]	6-21-22	3 [signature]	4 Relinquished By:	Date Time:	4 Received By:
5 Relinquished by:	1900	5 Received By:	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable ☐ On Ice ☐ Cooler Temp. 2.7

JD47064: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: JD47064 **Client:** GROUNDWATER & ENVIRONMENTAL S **Project:** GESMD: PC # 007805 BEL AIR XTRA FUE

Date / Time Received: 6/21/2022 7:00:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.7);

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

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

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

Quality Control Preservation	Y	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:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

JD47064: Chain of Custody
Page 2 of 2

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL10372-MB	L343450.D	1	06/27/22	BK	n/a	n/a	VL10372

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-1, JD47064-3, JD47064-4, JD47064-5, JD47064-7, JD47064-8, JD47064-9, JD47064-10

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.68	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane [a]	ND	0.50	0.41	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.47	ug/l	

Method Blank Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL10372-MB	L343450.D	1	06/27/22	BK	n/a	n/a	VL10372

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-1, JD47064-3, JD47064-4, JD47064-5, JD47064-7, JD47064-8, JD47064-9, JD47064-10

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.54	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	2.5	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	5.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.39	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.56	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane [a]	ND	0.50	0.17	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

Method Blank Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL10372-MB	L343450.D	1	06/27/22	BK	n/a	n/a	VL10372

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-1, JD47064-3, JD47064-4, JD47064-5, JD47064-7, JD47064-8, JD47064-9, JD47064-10

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	80-120%
17060-07-0	1,2-Dichloroethane-D4	96%	80-120%
2037-26-5	Toluene-D8	100%	80-120%
460-00-4	4-Bromofluorobenzene	94%	82-114%

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

(a) MDL from current instrument.

Method Blank Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2V3658-MB	2V89631.D	1	06/28/22	NW	n/a	n/a	V2V3658

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-2, JD47064-3, JD47064-6, JD47064-9

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.68	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	

Method Blank Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2V3658-MB	2V89631.D	1	06/28/22	NW	n/a	n/a	V2V3658

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-2, JD47064-3, JD47064-6, JD47064-9

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.54	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	2.5	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
75-65-0	Tert Butyl Alcohol	ND	10	5.8	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.39	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.56	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

Method Blank Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2V3658-MB	2V89631.D	1	06/28/22	NW	n/a	n/a	V2V3658

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-2, JD47064-3, JD47064-6, JD47064-9

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	91%	80-120%
17060-07-0	1,2-Dichloroethane-D4	105%	80-120%
2037-26-5	Toluene-D8	100%	80-120%
460-00-4	4-Bromofluorobenzene	104%	82-114%

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

Method Blank Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A9483-MB	2A218148.D	1	06/30/22	NH	n/a	n/a	V2A9483

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-8

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	80-120%
17060-07-0	1,2-Dichloroethane-D4	105%	80-120%
2037-26-5	Toluene-D8	97%	80-120%
460-00-4	4-Bromofluorobenzene	97%	82-114%

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

Blank Spike Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL10372-BS	L343448.D	1	06/27/22	BK	n/a	n/a	VL10372

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-1, JD47064-3, JD47064-4, JD47064-5, JD47064-7, JD47064-8, JD47064-9, JD47064-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	230	115	27-175
71-43-2	Benzene	50	51.8	104	80-115
108-86-1	Bromobenzene	50	51.2	102	79-119
74-97-5	Bromochloromethane	50	58.0	116	83-122
75-27-4	Bromodichloromethane	50	50.4	101	82-119
75-25-2	Bromoform	50	51.8	104	77-135
74-83-9	Bromomethane	50	68.8	138	40-162
78-93-3	2-Butanone (MEK)	200	221	111	61-150
104-51-8	n-Butylbenzene	50	46.5	93	77-124
135-98-8	sec-Butylbenzene	50	45.6	91	75-121
98-06-6	tert-Butylbenzene	50	47.0	94	74-120
56-23-5	Carbon tetrachloride	50	55.2	110	75-127
108-90-7	Chlorobenzene	50	53.2	106	80-115
75-00-3	Chloroethane	50	54.7	109	56-144
67-66-3	Chloroform	50	53.9	108	75-116
74-87-3	Chloromethane	50	57.3	115	41-153
95-49-8	o-Chlorotoluene	50	49.3	99	79-119
106-43-4	p-Chlorotoluene	50	49.9	100	77-117
108-20-3	Di-Isopropyl ether	50	55.5	111	69-135
96-12-8	1,2-Dibromo-3-chloropropane	50	54.2	108	69-134
124-48-1	Dibromochloromethane	50	47.4	95	81-123
106-93-4	1,2-Dibromoethane	50	50.1	100	67-138
95-50-1	1,2-Dichlorobenzene	50	49.9	100	81-117
541-73-1	1,3-Dichlorobenzene	50	50.9	102	81-115
106-46-7	1,4-Dichlorobenzene	50	49.8	100	80-114
75-71-8	Dichlorodifluoromethane	50	55.9	112	43-152
75-34-3	1,1-Dichloroethane	50	56.4	113	75-125
107-06-2	1,2-Dichloroethane	50	53.4	107	73-117
75-35-4	1,1-Dichloroethene	50	56.0	112	70-124
156-59-2	cis-1,2-Dichloroethene	50	54.0	108	80-120
156-60-5	trans-1,2-Dichloroethene	50	55.8	112	77-121
78-87-5	1,2-Dichloropropane	50	54.1	108	79-121
142-28-9	1,3-Dichloropropane	50	49.1	98	81-117
594-20-7	2,2-Dichloropropane	50	51.1	102	70-131
563-58-6	1,1-Dichloropropene	50	55.7	111	77-122
10061-01-5	cis-1,3-Dichloropropene	50	52.0	104	83-123

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL10372-BS	L343448.D	1	06/27/22	BK	n/a	n/a	VL10372

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-1, JD47064-3, JD47064-4, JD47064-5, JD47064-7, JD47064-8, JD47064-9, JD47064-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	48.4	97	83-122
100-41-4	Ethylbenzene	50	49.8	100	78-116
87-68-3	Hexachlorobutadiene	50	44.3	89	55-136
98-82-8	Isopropylbenzene	50	48.7	97	78-121
99-87-6	p-Isopropyltoluene	50	45.2	90	78-121
1634-04-4	Methyl Tert Butyl Ether	50	52.9	106	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	202	101	73-134
74-95-3	Methylene bromide	50	55.2	110	82-117
75-09-2	Methylene chloride	50	54.7	109	73-123
91-20-3	Naphthalene	50	52.2	104	64-136
103-65-1	n-Propylbenzene	50	48.1	96	75-121
100-42-5	Styrene	50	50.4	101	81-125
75-65-0	Tert Butyl Alcohol	250	214	86	75-123
994-05-8	tert-Amyl Methyl Ether	50	50.4	101	80-119
637-92-3	tert-Butyl Ethyl Ether	50	53.0	106	77-124
630-20-6	1,1,1,2-Tetrachloroethane	50	50.2	100	81-124
79-34-5	1,1,2,2-Tetrachloroethane	50	48.1	96	73-126
127-18-4	Tetrachloroethene	50	50.2	100	73-119
108-88-3	Toluene	50	49.9	100	79-116
87-61-6	1,2,3-Trichlorobenzene	50	51.1	102	63-137
120-82-1	1,2,4-Trichlorobenzene	50	50.1	100	68-135
71-55-6	1,1,1-Trichloroethane	50	54.7	109	76-124
79-00-5	1,1,2-Trichloroethane	50	50.7	101	83-117
79-01-6	Trichloroethene	50	53.5	107	80-118
75-69-4	Trichlorofluoromethane	50	57.1	114	67-134
96-18-4	1,2,3-Trichloropropane	50	50.4	101	75-123
95-63-6	1,2,4-Trimethylbenzene	50	46.8	94	78-120
108-67-8	1,3,5-Trimethylbenzene	50	46.6	93	77-120
75-01-4	Vinyl chloride	50	57.1	114	52-146
	m,p-Xylene	100	95.6	96	79-119
95-47-6	o-Xylene	50	49.9	100	81-119
1330-20-7	Xylene (total)	150	145	97	80-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL10372-BS	L343448.D	1	06/27/22	BK	n/a	n/a	VL10372

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-1, JD47064-3, JD47064-4, JD47064-5, JD47064-7, JD47064-8, JD47064-9, JD47064-10

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	108%	80-120%
17060-07-0	1,2-Dichloroethane-D4	99%	80-120%
2037-26-5	Toluene-D8	93%	80-120%
460-00-4	4-Bromofluorobenzene	97%	82-114%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2V3658-BS	2V89629.D	1	06/28/22	NW	n/a	n/a	V2V3658

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-2, JD47064-3, JD47064-6, JD47064-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	170	85	27-175
71-43-2	Benzene	50	49.7	99	80-115
108-86-1	Bromobenzene	50	48.6	97	79-119
74-97-5	Bromochloromethane	50	45.9	92	83-122
75-27-4	Bromodichloromethane	50	49.1	98	82-119
75-25-2	Bromoform	50	48.4	97	77-135
74-83-9	Bromomethane	50	49.8	100	40-162
78-93-3	2-Butanone (MEK)	200	164	82	61-150
104-51-8	n-Butylbenzene	50	46.7	93	77-124
135-98-8	sec-Butylbenzene	50	47.9	96	75-121
98-06-6	tert-Butylbenzene	50	48.0	96	74-120
56-23-5	Carbon tetrachloride	50	47.1	94	75-127
108-90-7	Chlorobenzene	50	46.3	93	80-115
75-00-3	Chloroethane	50	52.2	104	56-144
67-66-3	Chloroform	50	41.7	83	75-116
74-87-3	Chloromethane	50	37.7	75	41-153
95-49-8	o-Chlorotoluene	50	49.0	98	79-119
106-43-4	p-Chlorotoluene	50	49.4	99	77-117
108-20-3	Di-Isopropyl ether	50	45.0	90	69-135
96-12-8	1,2-Dibromo-3-chloropropane	50	43.9	88	69-134
124-48-1	Dibromochloromethane	50	48.4	97	81-123
106-93-4	1,2-Dibromoethane	50	49.3	99	67-138
95-50-1	1,2-Dichlorobenzene	50	48.1	96	81-117
541-73-1	1,3-Dichlorobenzene	50	48.7	97	81-115
106-46-7	1,4-Dichlorobenzene	50	48.1	96	80-114
75-71-8	Dichlorodifluoromethane	50	42.4	85	43-152
75-34-3	1,1-Dichloroethane	50	45.2	90	75-125
107-06-2	1,2-Dichloroethane	50	49.1	98	73-117
75-35-4	1,1-Dichloroethene	50	57.3	115	70-124
156-59-2	cis-1,2-Dichloroethene	50	45.2	90	80-120
156-60-5	trans-1,2-Dichloroethene	50	47.0	94	77-121
78-87-5	1,2-Dichloropropane	50	47.7	95	79-121
142-28-9	1,3-Dichloropropane	50	48.3	97	81-117
594-20-7	2,2-Dichloropropane	50	50.4	101	70-131
563-58-6	1,1-Dichloropropene	50	46.8	94	77-122
10061-01-5	cis-1,3-Dichloropropene	50	48.6	97	83-123

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2V3658-BS	2V89629.D	1	06/28/22	NW	n/a	n/a	V2V3658

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-2, JD47064-3, JD47064-6, JD47064-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	48.5	97	83-122
100-41-4	Ethylbenzene	50	47.9	96	78-116
87-68-3	Hexachlorobutadiene	50	39.4	79	55-136
98-82-8	Isopropylbenzene	50	47.6	95	78-121
99-87-6	p-Isopropyltoluene	50	48.3	97	78-121
1634-04-4	Methyl Tert Butyl Ether	50	43.9	88	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	186	93	73-134
74-95-3	Methylene bromide	50	50.7	101	82-117
75-09-2	Methylene chloride	50	42.9	86	73-123
91-20-3	Naphthalene	50	44.4	89	64-136
103-65-1	n-Propylbenzene	50	49.5	99	75-121
100-42-5	Styrene	50	49.0	98	81-125
75-65-0	Tert Butyl Alcohol	250	206	82	75-123
994-05-8	tert-Amyl Methyl Ether	50	46.9	94	80-119
637-92-3	tert-Butyl Ethyl Ether	50	42.9	86	77-124
630-20-6	1,1,1,2-Tetrachloroethane	50	48.7	97	81-124
79-34-5	1,1,2,2-Tetrachloroethane	50	47.8	96	73-126
127-18-4	Tetrachloroethene	50	47.8	96	73-119
108-88-3	Toluene	50	47.3	95	79-116
87-61-6	1,2,3-Trichlorobenzene	50	43.1	86	63-137
120-82-1	1,2,4-Trichlorobenzene	50	45.7	91	68-135
71-55-6	1,1,1-Trichloroethane	50	46.2	92	76-124
79-00-5	1,1,2-Trichloroethane	50	47.3	95	83-117
79-01-6	Trichloroethene	50	51.0	102	80-118
75-69-4	Trichlorofluoromethane	50	51.0	102	67-134
96-18-4	1,2,3-Trichloropropane	50	49.4	99	75-123
95-63-6	1,2,4-Trimethylbenzene	50	50.3	101	78-120
108-67-8	1,3,5-Trimethylbenzene	50	49.4	99	77-120
75-01-4	Vinyl chloride	50	45.4	91	52-146
	m,p-Xylene	100	93.9	94	79-119
95-47-6	o-Xylene	50	47.5	95	81-119
1330-20-7	Xylene (total)	150	141	94	80-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2V3658-BS	2V89629.D	1	06/28/22	NW	n/a	n/a	V2V3658

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-2, JD47064-3, JD47064-6, JD47064-9

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	91%	80-120%
17060-07-0	1,2-Dichloroethane-D4	109%	80-120%
2037-26-5	Toluene-D8	98%	80-120%
460-00-4	4-Bromofluorobenzene	104%	82-114%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A9483-BS	2A218146.D	1	06/30/22	NH	n/a	n/a	V2A9483

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
1634-04-4	Methyl Tert Butyl Ether	50	41.2	82	76-123

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	80-120%
17060-07-0	1,2-Dichloroethane-D4	106%	80-120%
2037-26-5	Toluene-D8	96%	80-120%
460-00-4	4-Bromofluorobenzene	99%	82-114%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD47242-1MS	2V89640.D	1	06/28/22	NW	n/a	n/a	V2V3658
JD47242-1	2V89634.D	1	06/28/22	NW	n/a	n/a	V2V3658

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-2, JD47064-3, JD47064-6, JD47064-9

CAS No.	Compound	JD47242-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
67-64-1	Acetone	ND		200	179	90	22-134
71-43-2	Benzene	0.47	J	50	61.1	121	49-137
108-86-1	Bromobenzene	ND		50	56.0	112	72-122
74-97-5	Bromochloromethane	ND		50	54.1	108	78-122
75-27-4	Bromodichloromethane	ND		50	58.7	117	76-121
75-25-2	Bromoform	ND		50	55.0	110	70-133
74-83-9	Bromomethane	ND		50	48.5	97	27-164
78-93-3	2-Butanone (MEK)	ND		200	181	91	52-137
104-51-8	n-Butylbenzene	ND		50	52.4	105	70-130
135-98-8	sec-Butylbenzene	ND		50	55.5	111	69-127
98-06-6	tert-Butylbenzene	ND		50	56.3	113	69-124
56-23-5	Carbon tetrachloride	ND		50	60.4	121	70-132
108-90-7	Chlorobenzene	ND		50	55.2	110	68-123
75-00-3	Chloroethane	ND		50	62.1	124	48-152
67-66-3	Chloroform	ND		50	50.1	100	68-120
74-87-3	Chloromethane	ND		50	43.6	87	35-156
95-49-8	o-Chlorotoluene	ND		50	56.8	114	73-123
106-43-4	p-Chlorotoluene	ND		50	57.4	115	71-120
108-20-3	Di-Isopropyl ether	ND		50	54.4	109	63-136
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	47.4	95	63-134
124-48-1	Dibromochloromethane	ND		50	55.8	112	75-122
106-93-4	1,2-Dibromoethane	ND		50	56.2	112	63-134
95-50-1	1,2-Dichlorobenzene	ND		50	54.9	110	74-119
541-73-1	1,3-Dichlorobenzene	ND		50	55.4	111	75-117
106-46-7	1,4-Dichlorobenzene	ND		50	54.9	110	72-117
75-71-8	Dichlorodifluoromethane	ND		50	51.3	103	34-163
75-34-3	1,1-Dichloroethane	ND		50	56.1	112	68-129
107-06-2	1,2-Dichloroethane	ND		50	57.7	115	66-120
75-35-4	1,1-Dichloroethene	ND		50	73.2	146* [a]	59-133
156-59-2	cis-1,2-Dichloroethene	ND		50	54.9	110	52-140
156-60-5	trans-1,2-Dichloroethene	ND		50	59.0	118	70-125
78-87-5	1,2-Dichloropropane	ND		50	57.6	115	73-124
142-28-9	1,3-Dichloropropane	ND		50	54.6	109	74-117
594-20-7	2,2-Dichloropropane	ND		50	63.1	126	62-138
563-58-6	1,1-Dichloropropene	ND		50	58.5	117	71-129
10061-01-5	cis-1,3-Dichloropropene	ND		50	57.3	115	75-125

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD47242-1MS	2V89640.D	1	06/28/22	NW	n/a	n/a	V2V3658
JD47242-1	2V89634.D	1	06/28/22	NW	n/a	n/a	V2V3658

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-2, JD47064-3, JD47064-6, JD47064-9

CAS No.	Compound	JD47242-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
10061-02-6	trans-1,3-Dichloropropene	ND		50	56.2	112	75-122
100-41-4	Ethylbenzene	0.92	J	50	58.8	116	37-144
87-68-3	Hexachlorobutadiene	ND		50	38.9	78	49-141
98-82-8	Isopropylbenzene	ND		50	57.2	114	71-126
99-87-6	p-Isopropyltoluene	ND		50	55.4	111	71-126
1634-04-4	Methyl Tert Butyl Ether	3.4		50	56.0	105	66-124
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		200	210	105	65-135
74-95-3	Methylene bromide	ND		50	59.2	118* [a]	76-116
75-09-2	Methylene chloride	ND		50	51.8	104	66-125
91-20-3	Naphthalene	ND		50	49.0	98	49-146
103-65-1	n-Propylbenzene	ND		50	58.3	117	60-131
100-42-5	Styrene	ND		50	57.8	116	71-133
75-65-0	Tert Butyl Alcohol	8.9	J	250	250	96	63-133
994-05-8	tert-Amyl Methyl Ether	ND		50	54.0	108	74-117
637-92-3	tert-Butyl Ethyl Ether	ND		50	50.7	101	71-124
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	57.7	115	75-125
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	52.8	106	68-127
127-18-4	Tetrachloroethene	ND		50	58.4	117	58-132
108-88-3	Toluene	ND		50	57.6	115	46-139
87-61-6	1,2,3-Trichlorobenzene	ND		50	47.4	95	57-136
120-82-1	1,2,4-Trichlorobenzene	ND		50	48.9	98	61-137
71-55-6	1,1,1-Trichloroethane	ND		50	58.2	116	67-132
79-00-5	1,1,2-Trichloroethane	ND		50	54.4	109	75-120
79-01-6	Trichloroethene	ND		50	63.2	126	56-136
75-69-4	Trichlorofluoromethane	ND		50	63.6	127	61-145
96-18-4	1,2,3-Trichloropropane	ND		50	54.4	109	68-124
95-63-6	1,2,4-Trimethylbenzene	ND		50	58.1	116	39-147
108-67-8	1,3,5-Trimethylbenzene	ND		50	58.0	116	56-136
75-01-4	Vinyl chloride	ND		50	54.5	109	41-156
	m,p-Xylene	1.5		100	113	112	32-151
95-47-6	o-Xylene	ND		50	56.8	114	50-139
1330-20-7	Xylene (total)	1.5		150	170	112	38-147

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD47242-1MS	2V89640.D	1	06/28/22	NW	n/a	n/a	V2V3658
JD47242-1	2V89634.D	1	06/28/22	NW	n/a	n/a	V2V3658

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-2, JD47064-3, JD47064-6, JD47064-9

CAS No.	Surrogate Recoveries	MS	JD47242-1	Limits
1868-53-7	Dibromofluoromethane	93%	92%	80-120%
17060-07-0	1,2-Dichloroethane-D4	109%	109%	80-120%
2037-26-5	Toluene-D8	98%	99%	80-120%
460-00-4	4-Bromofluorobenzene	103%	104%	82-114%

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD47064-1MS	L343455.D	10	06/28/22	BK	n/a	n/a	VL10372
JD47064-1MSD	L343456.D	10	06/28/22	BK	n/a	n/a	VL10372
JD47064-1 [a]	L343453.D	10	06/28/22	BK	n/a	n/a	VL10372

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-1, JD47064-3, JD47064-4, JD47064-5, JD47064-7, JD47064-8, JD47064-9, JD47064-10

CAS No.	Compound	JD47064-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	38.8	J	2000	2230	110	2000	2050	101	8	22-134/19
71-43-2	Benzene	ND		500	527	105	500	477	95	10	49-137/12
108-86-1	Bromobenzene	ND		500	512	102	500	462	92	10	72-122/13
74-97-5	Bromochloromethane	ND		500	609	122	500	517	103	16* [b]	78-122/12
75-27-4	Bromodichloromethane	ND		500	517	103	500	464	93	11	76-121/12
75-25-2	Bromoform	ND		500	517	103	500	475	95	8	70-133/13
74-83-9	Bromomethane	ND		500	725	145	500	688	138	5	27-164/38
78-93-3	2-Butanone (MEK)	ND		2000	2120	106	2000	1930	97	9	52-137/17
104-51-8	n-Butylbenzene	22.0		500	475	91	500	428	81	10	70-130/14
135-98-8	sec-Butylbenzene	13.6	J	500	461	89	500	424	82	8	69-127/14
98-06-6	tert-Butylbenzene	ND		500	468	94	500	426	85	9	69-124/14
56-23-5	Carbon tetrachloride	ND		500	564	113	500	500	100	12	70-132/13
108-90-7	Chlorobenzene	ND		500	537	107	500	491	98	9	68-123/12
75-00-3	Chloroethane	ND		500	533	107	500	497	99	7	48-152/17
67-66-3	Chloroform	ND		500	554	111	500	490	98	12	68-120/13
74-87-3	Chloromethane	ND		500	560	112	500	523	105	7	35-156/18
95-49-8	o-Chlorotoluene	ND		500	504	101	500	454	91	10	73-123/13
106-43-4	p-Chlorotoluene	ND		500	499	100	500	447	89	11	71-120/13
108-20-3	Di-Isopropyl ether	ND		500	564	113	500	498	100	12	63-136/13
96-12-8	1,2-Dibromo-3-chloropropane	ND		500	515	103	500	494	99	4	63-134/16
124-48-1	Dibromochloromethane	ND		500	483	97	500	440	88	9	75-122/12
106-93-4	1,2-Dibromoethane	ND		500	502	100	500	466	93	7	63-134/12
95-50-1	1,2-Dichlorobenzene	ND		500	448	90	500	444	89	1	74-119/12
541-73-1	1,3-Dichlorobenzene	ND		500	519	104	500	471	94	10	75-117/12
106-46-7	1,4-Dichlorobenzene	ND		500	511	102	500	466	93	9	72-117/12
75-71-8	Dichlorodifluoromethane	ND		500	529	106	500	516	103	2	34-163/16
75-34-3	1,1-Dichloroethane	ND		500	553	111	500	505	101	9	68-129/13
107-06-2	1,2-Dichloroethane	ND		500	553	111	500	499	100	10	66-120/13
75-35-4	1,1-Dichloroethene	ND		500	573	115	500	498	100	14	59-133/15
156-59-2	cis-1,2-Dichloroethene	ND		500	560	112	500	488	98	14* [b]	52-140/12
156-60-5	trans-1,2-Dichloroethene	ND		500	571	114	500	504	101	12	70-125/13
78-87-5	1,2-Dichloropropane	ND		500	548	110	500	485	97	12	73-124/12
142-28-9	1,3-Dichloropropane	ND		500	499	100	500	457	91	9	74-117/11
594-20-7	2,2-Dichloropropane	ND		500	500	100	500	432	86	15* [b]	62-138/13
563-58-6	1,1-Dichloropropene	ND		500	568	114	500	508	102	11	71-129/13
10061-01-5	cis-1,3-Dichloropropene	ND		500	543	109	500	485	97	11	75-125/13

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD47064-1MS	L343455.D	10	06/28/22	BK	n/a	n/a	VL10372
JD47064-1MSD	L343456.D	10	06/28/22	BK	n/a	n/a	VL10372
JD47064-1 [a]	L343453.D	10	06/28/22	BK	n/a	n/a	VL10372

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-1, JD47064-3, JD47064-4, JD47064-5, JD47064-7, JD47064-8, JD47064-9, JD47064-10

CAS No.	Compound	JD47064-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		500	489	98	500	441	88	10	75-122/12
100-41-4	Ethylbenzene	1430		500	1560	26* [c]	500	1560	26* [c]	0	37-144/12
87-68-3	Hexachlorobutadiene	ND		500	414	83	500	394	79	5	49-141/19
98-82-8	Isopropylbenzene	90.9		500	558	93	500	529	88	5	71-126/13
99-87-6	p-Isopropyltoluene	8.5	J	500	467	92	500	429	84	8	71-126/13
1634-04-4	Methyl Tert Butyl Ether	ND		500	539	108	500	478	96	12	66-124/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		2000	2010	101	2000	1840	92	9	65-135/14
74-95-3	Methylene bromide	ND		500	575	115	500	510	102	12	76-116/12
75-09-2	Methylene chloride	ND		500	579	116	500	473	95	20* [b]	66-125/14
91-20-3	Naphthalene	226		500	749	105	500	743	103	1	49-146/18
103-65-1	n-Propylbenzene	210		500	624	83	500	588	76	6	60-131/14
100-42-5	Styrene	ND		500	519	104	500	464	93	11	71-133/12
75-65-0	Tert Butyl Alcohol	ND		2500	2280	91	2500	2020	81	12	63-133/15
994-05-8	tert-Amyl Methyl Ether	ND		500	512	102	500	459	92	11	74-117/12
637-92-3	tert-Butyl Ethyl Ether	ND		500	538	108	500	477	95	12	71-124/12
630-20-6	1,1,1,2-Tetrachloroethane	ND		500	502	100	500	448	90	11	75-125/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	480	96	500	430	86	11	68-127/14
127-18-4	Tetrachloroethene	ND		500	511	102	500	468	94	9	58-132/13
108-88-3	Toluene	ND		500	503	101	500	459	92	9	46-139/12
87-61-6	1,2,3-Trichlorobenzene	ND		500	509	102	500	469	94	8	57-136/17
120-82-1	1,2,4-Trichlorobenzene	ND		500	504	101	500	474	95	6	61-137/16
71-55-6	1,1,1-Trichloroethane	ND		500	567	113	500	499	100	13	67-132/13
79-00-5	1,1,2-Trichloroethane	ND		500	522	104	500	459	92	13* [b]	75-120/12
79-01-6	Trichloroethene	ND		500	552	110	500	494	99	11	56-136/12
75-69-4	Trichlorofluoromethane	ND		500	557	111	500	536	107	4	61-145/16
96-18-4	1,2,3-Trichloropropane	ND		500	489	98	500	456	91	7	68-124/14
95-63-6	1,2,4-Trimethylbenzene	1240		500	1480	48	500	1470	46	1	39-147/13
108-67-8	1,3,5-Trimethylbenzene	170		500	601	86	500	558	78	7	56-136/14
75-01-4	Vinyl chloride	ND		500	554	111	500	506	101	9	41-156/16
	m,p-Xylene	677		1000	1500	82	1000	1430	75	5	32-151/12
95-47-6	o-Xylene	48.9		500	548	100	500	509	92	7	50-139/12
1330-20-7	Xylene (total)	726		1500	2050	88	1500	1940	81	6	38-147/12

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD47064-1MS	L343455.D	10	06/28/22	BK	n/a	n/a	VL10372
JD47064-1MSD	L343456.D	10	06/28/22	BK	n/a	n/a	VL10372
JD47064-1 [a]	L343453.D	10	06/28/22	BK	n/a	n/a	VL10372

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-1, JD47064-3, JD47064-4, JD47064-5, JD47064-7, JD47064-8, JD47064-9, JD47064-10

CAS No.	Surrogate Recoveries	MS	MSD	JD47064-1	Limits
1868-53-7	Dibromofluoromethane	110%	108%	105%	80-120%
17060-07-0	1,2-Dichloroethane-D4	101%	99%	96%	80-120%
2037-26-5	Toluene-D8	93%	94%	99%	80-120%
460-00-4	4-Bromofluorobenzene	96%	94%	94%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) Outside control limits due to matrix interference.
(c) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD47420-11MS	2A218155.D	5	06/30/22	NH	n/a	n/a	V2A9483
JD47420-11MSD	2A218156.D	5	06/30/22	NH	n/a	n/a	V2A9483
JD47420-11 [a]	2A218149.D	5	06/30/22	NH	n/a	n/a	V2A9483

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-8

CAS No.	Compound	JD47420-11 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
1634-04-4	Methyl Tert Butyl Ether	ND		250	220	88	250	228	91	4	66-124/12

CAS No.	Surrogate Recoveries	MS	MSD	JD47420-11	Limits
1868-53-7	Dibromofluoromethane	96%	97%	98%	80-120%
17060-07-0	1,2-Dichloroethane-D4	100%	98%	107%	80-120%
2037-26-5	Toluene-D8	98%	97%	95%	80-120%
460-00-4	4-Bromofluorobenzene	100%	98%	98%	82-114%

(a) Dilution required due to high concentrations of target and non-target compounds.

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD47242-2DUP	2V89642.D	1	06/28/22	NW	n/a	n/a	V2V3658
JD47242-2	2V89635.D	1	06/28/22	NW	n/a	n/a	V2V3658

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-2, JD47064-3, JD47064-6, JD47064-9

CAS No.	Compound	JD47242-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
67-64-1	Acetone	ND		ND		nc	23
71-43-2	Benzene	ND		ND		nc	14
108-86-1	Bromobenzene	ND		ND		nc	20
74-97-5	Bromochloromethane	ND		ND		nc	20
75-27-4	Bromodichloromethane	ND		ND		nc	10
75-25-2	Bromoform	ND		ND		nc	10
74-83-9	Bromomethane	ND		ND		nc	10
78-93-3	2-Butanone (MEK)	ND		ND		nc	10
104-51-8	n-Butylbenzene	ND		ND		nc	14
135-98-8	sec-Butylbenzene	ND		ND		nc	14
98-06-6	tert-Butylbenzene	ND		ND		nc	10
56-23-5	Carbon tetrachloride	ND		ND		nc	10
108-90-7	Chlorobenzene	ND		ND		nc	10
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	10
74-87-3	Chloromethane	ND		ND		nc	10
95-49-8	o-Chlorotoluene	ND		ND		nc	10
106-43-4	p-Chlorotoluene	ND		ND		nc	10
108-20-3	Di-Isopropyl ether	ND		ND		nc	10
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	20
124-48-1	Dibromochloromethane	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	20
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	10
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	10
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	20
75-34-3	1,1-Dichloroethane	ND		ND		nc	10
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethene	ND		ND		nc	15
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	10
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	10
78-87-5	1,2-Dichloropropane	ND		ND		nc	20
142-28-9	1,3-Dichloropropane	ND		ND		nc	20
594-20-7	2,2-Dichloropropane	ND		ND		nc	20
563-58-6	1,1-Dichloropropene	ND		ND		nc	20
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	20

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD47242-2DUP	2V89642.D	1	06/28/22	NW	n/a	n/a	V2V3658
JD47242-2	2V89635.D	1	06/28/22	NW	n/a	n/a	V2V3658

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-2, JD47064-3, JD47064-6, JD47064-9

CAS No.	Compound	JD47242-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	20
100-41-4	Ethylbenzene	ND		ND		nc	20
87-68-3	Hexachlorobutadiene	ND		ND		nc	20
98-82-8	Isopropylbenzene	ND		ND		nc	15
99-87-6	p-Isopropyltoluene	ND		ND		nc	10
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	10
74-95-3	Methylene bromide	ND		ND		nc	20
75-09-2	Methylene chloride	ND		ND		nc	10
91-20-3	Naphthalene	ND		ND		nc	10
103-65-1	n-Propylbenzene	ND		ND		nc	19
100-42-5	Styrene	ND		ND		nc	20
75-65-0	Tert Butyl Alcohol	8.1	J	ND		200* [a]	11
994-05-8	tert-Amyl Methyl Ether	ND		ND		nc	10
637-92-3	tert-Butyl Ethyl Ether	ND		ND		nc	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		ND		nc	20
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
127-18-4	Tetrachloroethene	ND		ND		nc	10
108-88-3	Toluene	ND		ND		nc	16
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	10
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	10
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
79-01-6	Trichloroethene	ND		ND		nc	14
75-69-4	Trichlorofluoromethane	ND		ND		nc	10
96-18-4	1,2,3-Trichloropropane	ND		ND		nc	20
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	22
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	16
75-01-4	Vinyl chloride	ND		ND		nc	10
	m,p-Xylene	ND		ND		nc	18
95-47-6	o-Xylene	ND		ND		nc	18
1330-20-7	Xylene (total)	ND		ND		nc	22

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD47242-2DUP	2V89642.D	1	06/28/22	NW	n/a	n/a	V2V3658
JD47242-2	2V89635.D	1	06/28/22	NW	n/a	n/a	V2V3658

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD47064-2, JD47064-3, JD47064-6, JD47064-9

CAS No.	Surrogate Recoveries	DUP	JD47242-2	Limits
1868-53-7	Dibromofluoromethane	91%	93%	80-120%
17060-07-0	1,2-Dichloroethane-D4	109%	110%	80-120%
2037-26-5	Toluene-D8	100%	99%	80-120%
460-00-4	4-Bromofluorobenzene	105%	105%	82-114%

(a) RPD acceptable due to low DUP and sample concentrations.

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample: V2A9413-BFB
Lab File ID: 2A216371.D
Instrument ID: GCMS2A
Injection Date: 05/06/22
Injection Time: 04:21

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	42117	25.1		Pass
75	30.0 - 60.0% of mass 95	82210	49.0		Pass
95	Base peak, 100% relative abundance	167722	100.0		Pass
96	5.0 - 9.0% of mass 95	11447	6.82		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	129002	76.9		Pass
175	5.0 - 9.0% of mass 174	10480	6.25	(8.12) [a]	Pass
176	95.0 - 101.0% of mass 174	123786	73.8	(96.0) [a]	Pass
177	5.0 - 9.0% of mass 176	8515	5.08	(6.88) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2A9413-IC9413	2A216372.D	05/06/22	04:50	00:29	Initial cal 0.2
V2A9413-IC9413	2A216373.D	05/06/22	05:18	00:57	Initial cal 0.5
V2A9413-IC9413	2A216374.D	05/06/22	05:47	01:26	Initial cal 1
V2A9413-IC9413	2A216375.D	05/06/22	06:16	01:55	Initial cal 2
V2A9413-IC9413	2A216376.D	05/06/22	06:44	02:23	Initial cal 4
V2A9413-IC9413	2A216377.D	05/06/22	07:13	02:52	Initial cal 8
V2A9413-IC9413	2A216378.D	05/06/22	07:41	03:20	Initial cal 20
V2A9413-ICC9413	2A216379.D	05/06/22	08:10	03:49	Initial cal 50
V2A9413-IC9413	2A216380.D	05/06/22	08:38	04:17	Initial cal 100
V2A9413-IC9413	2A216381.D	05/06/22	09:06	04:45	Initial cal 200
V2A9413-ICV9413	2A216384.D	05/06/22	10:31	06:10	Initial cal verification 50
V2A9413-ICV9413	2A216385.D	05/06/22	11:00	06:39	Initial cal verification 50
V2A9413-ICV9413	2A216388.D	05/06/22	12:25	08:04	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample: V2A9483-BFB
Lab File ID: 2A218144.D
Instrument ID: GCMS2A
Injection Date: 06/30/22
Injection Time: 09:58

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	36331	20.6		Pass
75	30.0 - 60.0% of mass 95	89387	50.8		Pass
95	Base peak, 100% relative abundance	175957	100.0		Pass
96	5.0 - 9.0% of mass 95	12381	7.04		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	141117	80.2		Pass
175	5.0 - 9.0% of mass 174	11391	6.47	(8.07) [a]	Pass
176	95.0 - 101.0% of mass 174	135968	77.3	(96.4) [a]	Pass
177	5.0 - 9.0% of mass 176	8781	4.99	(6.46) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2A9483-CC9413	2A218144.D	06/30/22	09:58	00:00	Continuing cal 20
V2A9483-BS	2A218146.D	06/30/22	11:02	01:04	Blank Spike
V2A9483-MB	2A218148.D	06/30/22	11:59	02:01	Method Blank
JD47420-11	2A218149.D	06/30/22	12:28	02:30	(used for QC only; not part of job JD47064)
JD47064-8	2A218150.D	06/30/22	12:56	02:58	MW-21S
ZZZZZZ	2A218151.D	06/30/22	13:25	03:27	(unrelated sample)
ZZZZZZ	2A218152.D	06/30/22	13:53	03:55	(unrelated sample)
ZZZZZZ	2A218153.D	06/30/22	14:22	04:24	(unrelated sample)
ZZZZZZ	2A218154.D	06/30/22	14:51	04:53	(unrelated sample)
JD47420-11MS	2A218155.D	06/30/22	15:19	05:21	Matrix Spike
JD47420-11MSD	2A218156.D	06/30/22	15:48	05:50	Matrix Spike Duplicate
ZZZZZZ	2A218157.D	06/30/22	16:17	06:19	(unrelated sample)
ZZZZZZ	2A218158.D	06/30/22	16:46	06:48	(unrelated sample)
ZZZZZZ	2A218159.D	06/30/22	17:14	07:16	(unrelated sample)
ZZZZZZ	2A218160.D	06/30/22	17:43	07:45	(unrelated sample)
ZZZZZZ	2A218161.D	06/30/22	18:11	08:13	(unrelated sample)
ZZZZZZ	2A218162.D	06/30/22	18:40	08:42	(unrelated sample)
ZZZZZZ	2A218163.D	06/30/22	19:09	09:11	(unrelated sample)
ZZZZZZ	2A218164.D	06/30/22	19:37	09:39	(unrelated sample)
ZZZZZZ	2A218165.D	06/30/22	20:06	10:08	(unrelated sample)
ZZZZZZ	2A218166.D	06/30/22	20:35	10:37	(unrelated sample)
ZZZZZZ	2A218167.D	06/30/22	21:03	11:05	(unrelated sample)
ZZZZZZ	2A218168.D	06/30/22	21:32	11:34	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample: V2V3532-BFB
Lab File ID: 2V85957.D
Instrument ID: GCMS2V
Injection Date: 03/31/22
Injection Time: 17:33

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	12863	15.6		Pass
75	30.0 - 60.0% of mass 95	40051	48.6		Pass
95	Base peak, 100% relative abundance	82448	100.0		Pass
96	5.0 - 9.0% of mass 95	5424	6.58		Pass
173	Less than 2.0% of mass 174	529	0.64	(0.68) [a]	Pass
174	50.0 - 120.0% of mass 95	78187	94.8		Pass
175	5.0 - 9.0% of mass 174	5797	7.03	(7.41) [a]	Pass
176	95.0 - 101.0% of mass 174	76864	93.2	(98.3) [a]	Pass
177	5.0 - 9.0% of mass 176	5123	6.21	(6.67) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2V3532-IC3532	2V85959.D	03/31/22	18:14	00:41	Initial cal 0.2
V2V3532-IC3532	2V85961.D	03/31/22	18:55	01:22	Initial cal 0.5
V2V3532-IC3532	2V85963.D	03/31/22	19:35	02:02	Initial cal 1
V2V3532-IC3532	2V85965.D	03/31/22	20:16	02:43	Initial cal 2
V2V3532-IC3532	2V85967.D	03/31/22	20:57	03:24	Initial cal 4
V2V3532-IC3532	2V85969.D	03/31/22	21:38	04:05	Initial cal 8
V2V3532-IC3532	2V85971.D	03/31/22	22:19	04:46	Initial cal 20
V2V3532-ICC3532	2V85973.D	03/31/22	22:59	05:26	Initial cal 50
V2V3532-IC3532	2V85975.D	03/31/22	23:40	06:07	Initial cal 100
V2V3532-IC3532	2V85977.D	04/01/22	00:21	06:48	Initial cal 200
V2V3532-ICV3532	2V85983.D	04/01/22	02:23	08:50	Initial cal verification 50
V2V3532-ICV3532	2V85985.D	04/01/22	03:04	09:31	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample: V2V3532-BFB2
Lab File ID: 2V85991.D
Instrument ID: GCMS2V
Injection Date: 04/04/22
Injection Time: 16:08

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	12904	15.3		Pass
75	30.0 - 60.0% of mass 95	40659	48.2		Pass
95	Base peak, 100% relative abundance	84328	100.0		Pass
96	5.0 - 9.0% of mass 95	5723	6.79		Pass
173	Less than 2.0% of mass 174	555	0.66	(0.66) [a]	Pass
174	50.0 - 120.0% of mass 95	83781	99.4		Pass
175	5.0 - 9.0% of mass 174	5986	7.10	(7.14) [a]	Pass
176	95.0 - 101.0% of mass 174	80155	95.1	(95.7) [a]	Pass
177	5.0 - 9.0% of mass 176	5274	6.25	(6.58) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2V3532-ICV3532	2V85993.D	04/04/22	16:48	00:40	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample: V2V3658-BFB
Lab File ID: 2V89627.D
Instrument ID: GCMS2V
Injection Date: 06/28/22
Injection Time: 10:08

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	17551	16.8		Pass
75	30.0 - 60.0% of mass 95	51163	48.8		Pass
95	Base peak, 100% relative abundance	104771	100.0		Pass
96	5.0 - 9.0% of mass 95	6735	6.43		Pass
173	Less than 2.0% of mass 174	727	0.69	(0.72) [a]	Pass
174	50.0 - 120.0% of mass 95	100867	96.3		Pass
175	5.0 - 9.0% of mass 174	7141	6.82	(7.08) [a]	Pass
176	95.0 - 101.0% of mass 174	97837	93.4	(97.0) [a]	Pass
177	5.0 - 9.0% of mass 176	6510	6.21	(6.65) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2V3658-CC3532	2V89627.D	06/28/22	10:08	00:00	Continuing cal 20
V2V3658-BS	2V89629.D	06/28/22	11:19	01:11	Blank Spike
V2V3658-MB	2V89631.D	06/28/22	12:27	02:19	Method Blank
JD47064-2	2V89632.D	06/28/22	12:59	02:51	MW-14
JD47064-6	2V89633.D	06/28/22	13:22	03:14	MW-17I
JD47242-1	2V89634.D	06/28/22	13:45	03:37	(used for QC only; not part of job JD47064)
JD47242-2	2V89635.D	06/28/22	14:09	04:01	(used for QC only; not part of job JD47064)
ZZZZZZ	2V89636.D	06/28/22	14:32	04:24	(unrelated sample)
ZZZZZZ	2V89637.D	06/28/22	14:55	04:47	(unrelated sample)
JD47064-9	2V89638.D	06/28/22	15:18	05:10	MW-21I
JD47064-3	2V89639.D	06/28/22	15:41	05:33	MW-16S
JD47242-1MS	2V89640.D	06/28/22	16:04	05:56	Matrix Spike
JD47242-2DUP	2V89642.D	06/28/22	16:50	06:42	Duplicate
ZZZZZZ	2V89643.D	06/28/22	17:13	07:05	(unrelated sample)
ZZZZZZ	2V89644.D	06/28/22	17:37	07:29	(unrelated sample)
ZZZZZZ	2V89645.D	06/28/22	18:00	07:52	(unrelated sample)
ZZZZZZ	2V89646.D	06/28/22	18:23	08:15	(unrelated sample)
ZZZZZZ	2V89647.D	06/28/22	18:46	08:38	(unrelated sample)
ZZZZZZ	2V89648.D	06/28/22	19:09	09:01	(unrelated sample)
ZZZZZZ	2V89649.D	06/28/22	19:32	09:24	(unrelated sample)
ZZZZZZ	2V89650.D	06/28/22	19:55	09:47	(unrelated sample)
ZZZZZZ	2V89651.D	06/28/22	20:18	10:10	(unrelated sample)
ZZZZZZ	2V89652.D	06/28/22	20:41	10:33	(unrelated sample)
ZZZZZZ	2V89653.D	06/28/22	21:05	10:57	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample:	V2V3658-BFB	**Injection Date:**	06/28/22
Lab File ID:	2V89627.D	**Injection Time:**	10:08
Instrument ID:	GCMS2V		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	2V89654.D	06/28/22	21:28	11:20	(unrelated sample)
ZZZZZZ	2V89655.D	06/28/22	21:51	11:43	(unrelated sample)
ZZZZZZ	2V89656.D	06/28/22	22:14	12:06	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample: VL10355-BFB
Lab File ID: L342967.D
Instrument ID: GCMSL
Injection Date: 06/15/22
Injection Time: 16:00

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	15125	15.4		Pass
75	30.0 - 60.0% of mass 95	48661	49.4		Pass
95	Base peak, 100% relative abundance	98445	100.0		Pass
96	5.0 - 9.0% of mass 95	6625	6.73		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	66648	67.7		Pass
175	5.0 - 9.0% of mass 174	5157	5.24	(7.74) [a]	Pass
176	95.0 - 101.0% of mass 174	64099	65.1	(96.2) [a]	Pass
177	5.0 - 9.0% of mass 176	3835	3.90	(5.98) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VL10355-IC10355	L342968.D	06/15/22	16:25	00:25	Initial cal 0.2
VL10355-IC10355	L342969.D	06/15/22	16:48	00:48	Initial cal 0.5
VL10355-IC10355	L342970.D	06/15/22	17:11	01:11	Initial cal 1
VL10355-IC10355	L342971.D	06/15/22	17:35	01:35	Initial cal 2
VL10355-IC10355	L342972.D	06/15/22	17:58	01:58	Initial cal 4
VL10355-IC10355	L342973.D	06/15/22	18:22	02:22	Initial cal 8
VL10355-IC10355	L342974.D	06/15/22	18:45	02:45	Initial cal 20
VL10355-ICC10355	L342975.D	06/15/22	19:09	03:09	Initial cal 50
VL10355-IC10355	L342976.D	06/15/22	19:32	03:32	Initial cal 100
VL10355-IC10355	L342977.D	06/15/22	19:56	03:56	Initial cal 200
VL10355-ICV10355	L342980.D	06/15/22	21:06	05:06	Initial cal verification 50
VL10355-ICV10355	L342981.D	06/15/22	21:29	05:29	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample: VL10355-BFB2
Lab File ID: L342984.D
Instrument ID: GCMSL
Injection Date: 06/16/22
Injection Time: 09:43

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	14743	15.8		Pass
75	30.0 - 60.0% of mass 95	47061	50.6		Pass
95	Base peak, 100% relative abundance	93093	100.0		Pass
96	5.0 - 9.0% of mass 95	6458	6.94		Pass
173	Less than 2.0% of mass 174	176	0.19	(0.27) [a]	Pass
174	50.0 - 120.0% of mass 95	64179	68.9		Pass
175	5.0 - 9.0% of mass 174	4737	5.09	(7.38) [a]	Pass
176	95.0 - 101.0% of mass 174	62803	67.5	(97.9) [a]	Pass
177	5.0 - 9.0% of mass 176	4165	4.47	(6.63) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VL10355-ICV10355	L342985.D	06/16/22	10:06	00:23	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample: VL10372-BFB
Lab File ID: L343446.D
Instrument ID: GCMSL
Injection Date: 06/27/22
Injection Time: 21:59

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	12195	17.6		Pass
75	30.0 - 60.0% of mass 95	35587	51.3		Pass
95	Base peak, 100% relative abundance	69424	100.0		Pass
96	5.0 - 9.0% of mass 95	4270	6.15		Pass
173	Less than 2.0% of mass 174	173	0.25	(0.33) [a]	Pass
174	50.0 - 120.0% of mass 95	52781	76.0		Pass
175	5.0 - 9.0% of mass 174	3776	5.44	(7.15) [a]	Pass
176	95.0 - 101.0% of mass 174	50568	72.8	(95.8) [a]	Pass
177	5.0 - 9.0% of mass 176	3478	5.01	(6.88) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VL10372-CC10355	L343446.D	06/27/22	21:59	00:00	Continuing cal 50
VL10372-BS	L343448.D	06/27/22	22:45	00:46	Blank Spike
VL10372-MB	L343450.D	06/27/22	23:32	01:33	Method Blank
ZZZZZZ	L343451.D	06/27/22	23:56	01:57	(unrelated sample)
ZZZZZZ	L343452.D	06/28/22	00:19	02:20	(unrelated sample)
JD47064-1	L343453.D	06/28/22	00:43	02:44	MW-7R
JD47064-10	L343454.D	06/28/22	01:06	03:07	MW-21D
JD47064-1MS	L343455.D	06/28/22	01:30	03:31	Matrix Spike
JD47064-1MSD	L343456.D	06/28/22	01:53	03:54	Matrix Spike Duplicate
JD47064-10	L343457.D	06/28/22	02:16	04:17	MW-21D
ZZZZZZ	L343458.D	06/28/22	02:40	04:41	(unrelated sample)
ZZZZZZ	L343459.D	06/28/22	03:03	05:04	(unrelated sample)
ZZZZZZ	L343460.D	06/28/22	03:27	05:28	(unrelated sample)
ZZZZZZ	L343461.D	06/28/22	03:50	05:51	(unrelated sample)
ZZZZZZ	L343462.D	06/28/22	04:13	06:14	(unrelated sample)
ZZZZZZ	L343463.D	06/28/22	04:37	06:38	(unrelated sample)
JD47064-3	L343464.D	06/28/22	05:00	07:01	MW-16S
JD47064-4	L343465.D	06/28/22	05:24	07:25	MW-16I
JD47064-5	L343466.D	06/28/22	05:47	07:48	MW-17S
JD47064-7	L343467.D	06/28/22	06:11	08:12	MW-17D
JD47064-8	L343468.D	06/28/22	06:34	08:35	MW-21S
JD47064-9	L343469.D	06/28/22	06:58	08:59	MW-21I
ZZZZZZ	L343470.D	06/28/22	07:21	09:22	(unrelated sample)
ZZZZZZ	L343471.D	06/28/22	07:44	09:45	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample:	VL10372-BFB	**Injection Date:**	06/27/22
Lab File ID:	L343446.D	**Injection Time:**	21:59
Instrument ID:	GCMSL		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	L343472.D	06/28/22	08:08	10:09	(unrelated sample)
ZZZZZZ	L343473.D	06/28/22	08:31	10:32	(unrelated sample)

Surrogate Recovery Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Method: SW846 8260D **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JD47064-1	L343453.D	105	96	99	94
JD47064-2	2V89632.D	92	107	99	104
JD47064-3	2V89639.D	94	109	99	104
JD47064-3	L343464.D	106	95	99	91
JD47064-4	L343465.D	104	95	100	92
JD47064-5	L343466.D	102	96	99	91
JD47064-6	2V89633.D	92	109	99	104
JD47064-7	L343467.D	107	96	99	89
JD47064-8	2A218150.D	96	106	96	98
JD47064-8	L343468.D	106	96	97	91
JD47064-9	2V89638.D	93	111	100	105
JD47064-9	L343469.D	105	98	99	91
JD47064-10	L343457.D	105	98	100	93
JD47064-10	L343454.D	105	94	99	91
JD47064-1MS	L343455.D	110	101	93	96
JD47064-1MSD	L343456.D	108	99	94	94
JD47242-1MS	2V89640.D	93	109	98	103
JD47242-2DUP	2V89642.D	91	109	100	105
JD47420-11MS	2A218155.D	96	100	98	100
JD47420-11MSD	2A218156.D	97	98	97	98
V2A9483-BS	2A218146.D	98	106	96	99
V2A9483-MB	2A218148.D	98	105	97	97
V2V3658-BS	2V89629.D	91	109	98	104
V2V3658-MB	2V89631.D	91	105	100	104
VL10372-BS	L343448.D	108	99	93	97
VL10372-MB	L343450.D	105	96	100	94

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-120%
S2 = 1,2-Dichloroethane-D4	80-120%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	82-114%

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM4899-MB	LM117779.D	1	06/24/22	MJ	n/a	n/a	GLM4899

The QC reported here applies to the following samples: **Method:** SW846 8015D

JD47064-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.11	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	84%	63-120%

Method Blank Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM4899-MB2	LM117791.D	1	06/24/22	MJ	n/a	n/a	GLM4899

The QC reported here applies to the following samples: **Method:** SW846 8015D

JD47064-3, JD47064-4, JD47064-5, JD47064-6, JD47064-7, JD47064-8, JD47064-10

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.11	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	102%	63-120%

Method Blank Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM4899-MB3	LM117801.D	1	06/24/22	MJ	n/a	n/a	GLM4899

The QC reported here applies to the following samples: **Method:** SW846 8015D

JD47064-1, JD47064-9

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.11	mg/l	

CAS No.	Surrogate Recoveries		Limits
98-08-8	aaa-Trifluorotoluene	105%	63-120%

Blank Spike Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLM4899-BS	LM117780.D	1	06/24/22	MJ	n/a	n/a	GLM4899

The QC reported here applies to the following samples: **Method:** SW846 8015D

JD47064-1, JD47064-2, JD47064-3, JD47064-4, JD47064-5, JD47064-6, JD47064-7, JD47064-8, JD47064-9, JD47064-10

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	8	6.23	78	56-129

CAS No.	Surrogate Recoveries	BSP	Limits
98-08-8	aaa-Trifluorotoluene	97%	63-120%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD47064-2MS	LM117805.D	1	06/24/22	MJ	n/a	n/a	GLM4899
JD47064-2	LM117782.D	1	06/24/22	MJ	n/a	n/a	GLM4899

The QC reported here applies to the following samples: **Method:** SW846 8015D

JD47064-1, JD47064-2, JD47064-3, JD47064-4, JD47064-5, JD47064-6, JD47064-7, JD47064-8, JD47064-9, JD47064-10

CAS No.	Compound	JD47064-2 mg/l	Q	Spike mg/l	MS mg/l	MS %	Limits
	TPH-GRO (C6-C10)	ND		8	9.06	113	23-168

CAS No.	Surrogate Recoveries	MS	JD47064-2	Limits
98-08-8	aaa-Trifluorotoluene	121%* [a]	86%	63-120%

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD47166-3DUP	LM117807.D	1	06/25/22	MJ	n/a	n/a	GLM4899
JD47166-3	LM117784.D	1	06/24/22	MJ	n/a	n/a	GLM4899

The QC reported here applies to the following samples: **Method:** SW846 8015D

JD47064-1, JD47064-2, JD47064-3, JD47064-4, JD47064-5, JD47064-6, JD47064-7, JD47064-8, JD47064-9, JD47064-10

CAS No.	Compound	JD47166-3 mg/l	Q	DUP mg/l	Q	RPD	Limits
	TPH-GRO (C6-C10)	27.0		21.2		24	56

CAS No.	Surrogate Recoveries	DUP	JD47166-3	Limits
98-08-8	aaa-Trifluorotoluene	161%* b	209%* a	63-120%

(a) Outside control limits due to matrix interference. Confirmed by DUP.
(b) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Surrogate Recovery Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Method: SW846 8015D **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
JD47064-1	LM117803.D	124* [b]
JD47064-2	LM117782.D	86
JD47064-3	LM117796.D	105
JD47064-4	LM117798.D	106
JD47064-5	LM117792.D	104
JD47064-6	LM117793.D	106
JD47064-6	LM117752.D	
JD47064-7	LM117794.D	105
JD47064-8	LM117797.D	106
JD47064-9	LM117802.D	105
JD47064-10	LM117795.D	105
GLM4899-BS	LM117780.D	97
GLM4899-MB	LM117779.D	84
GLM4899-MB2	LM117791.D	102
GLM4899-MB3	LM117801.D	105
JD47064-2MS	LM117805.D	121* [c]
JD47166-3DUP	LM117807.D	161* [c]

Surrogate Compounds	Recovery Limits
S1 = aaa-Trifluorotoluene	63-120%

(a) Recovery from GC signal #1
(b) Outside in house QC limits.
(c) Outside control limits due to matrix interference.

GC/LC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP40427-MB1	ZZ104896.D	1	06/24/22	MB	06/23/22	OP40427	GZZ3866

The QC reported here applies to the following samples: **Method:** SW846 8015D

JD47064-1, JD47064-2, JD47064-3, JD47064-4, JD47064-5, JD47064-6, JD47064-7, JD47064-8, JD47064-9, JD47064-10

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.10	0.064	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	76%	13-117%
438-22-2	5a-Androstane	46%	10-114%

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP40427-BS1	ZZ104897.D	1	06/24/22	MB	06/23/22	OP40427	GZZ3866
OP40427-BSD	ZZ104898.D	1	06/24/22	MB	06/23/22	OP40427	GZZ3866

The QC reported here applies to the following samples: **Method:** SW846 8015D

JD47064-1, JD47064-2, JD47064-3, JD47064-4, JD47064-5, JD47064-6, JD47064-7, JD47064-8, JD47064-9, JD47064-10

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	4	2.59	65	2.42	61	7	39-98/37

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
84-15-1	o-Terphenyl	72%	64%	13-117%
438-22-2	5a-Androstane	63%	56%	10-114%

* = Outside of Control Limits.

Surrogate Recovery Summary

Job Number: JD47064
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Method: SW846 8015D **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]
JD47064-1	ZZ104906.D	39	20
JD47064-2	ZZ104907.D	64	24
JD47064-3	ZZ104908.D	59	17
JD47064-4	ZZ104909.D	72	46
JD47064-5	ZZ104910.D	56	19
JD47064-6	ZZ104915.D	68	39
JD47064-7	ZZ104916.D	71	29
JD47064-8	ZZ104917.D	76	24
JD47064-9	ZZ104918.D	75	45
JD47064-10	ZZ104919.D	61	33
OP40427-BS1	ZZ104897.D	72	63
OP40427-BSD	ZZ104898.D	64	56
OP40427-MB1	ZZ104896.D	76	46

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	13-117%
S2 = 5a-Androstane	10-114%

(a) Recovery from GC signal #1

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Drake Petroleum Company, Inc.

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

0403388 PO#Bill Direct to Drake 7805

SGS Job Number: JD47067

Sampling Date: 06/20/22

Report to:

Groundwater & Environmental Services
1350 Blair Drive Suite H-2
Odenton, MD 21113
ATaylorsonCollins@GESOnline.com; midatlantic@gesonline.com;
Viktoriya.Pushkova@SGS.com; Shyanna.lawhorn@globalp.com
ATTN: Andrea Taylorson-Collins

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.

David Chastain
General Manager

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(68-00408), RI, SC, TX, UT, VA, WV

Table of Contents

SGS North America Inc.

Sample Summary

Drake Petroleum Company, Inc.

Job No: JD47067

GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 0403388 PO#Bill Direct to Drake 7805

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD47067-1	06/20/22	10:00	JP	06/21/22	DW	Drinking Water	2303 CHURCHVILLE

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Summary of Hits

Job Number: JD47067
Account: Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 06/20/22

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD47067-1	**2303 CHURCHVILLE**					
Chloroform		2.2	0.50	0.17	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		0.24 J	0.50	0.11	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		0.88 J			ug/l	

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	2303 CHURCHVILLE		
Lab Sample ID:	JD47067-1	**Date Sampled:**	06/20/22
Matrix:	DW - Drinking Water	**Date Received:**	06/21/22
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B131507.D	1	06/27/22 21:28	BK	n/a	n/a	V1B6391
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	2.5	ug/l	
78-93-3	2-Butanone	ND		5.0	1.0	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.16	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.12	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.17	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.27	ug/l	
75-25-2	Bromoform	ND		0.50	0.27	ug/l	
74-83-9	Bromomethane	ND		0.50	0.18	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.17	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.15	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.16	ug/l	
75-15-0	Carbon disulfide [a]	ND		0.50	0.38	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.093	ug/l	
75-00-3	Chloroethane	ND		0.50	0.28	ug/l	
67-66-3	Chloroform	2.2		0.50	0.17	ug/l	
74-87-3	Chloromethane	ND		0.50	0.28	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.098	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.24	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.22	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.14	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.34	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.15	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.18	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.19	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.17	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.14	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.23	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.37	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.14	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:	2303 CHURCHVILLE		
Lab Sample ID:	JD47067-1	**Date Sampled:**	06/20/22
Matrix:	DW - Drinking Water	**Date Received:**	06/21/22
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	GESMD: 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	0.14	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.10	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.21	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.18	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.16	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.076	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.064	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.59	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.14	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.16	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.37	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.24		0.50	0.11	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.48	ug/l	
91-20-3	Naphthalene	ND		0.50	0.31	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.14	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.13	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.28	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.19	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.091	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.13	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.15	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.15	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.15	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.23	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.11	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.19	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	2.5	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.15	ug/l	
	m,p-Xylene	ND		0.50	0.14	ug/l	
95-47-6	o-Xylene	ND		0.50	0.076	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.076	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:	2303 CHURCHVILLE		
Lab Sample ID:	JD47067-1	**Date Sampled:**	06/20/22
Matrix:	DW - Drinking Water	**Date Received:**	06/21/22
Method:	EPA 524.2 REV 4.1	**Percent Solids:**	n/a
Project:	GESMD: 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	83%		70-130%
460-00-4	4-Bromofluorobenzene	79%		70-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
1066-40-6	Silanol, trimethyl-	9.08	.88	ug/l	JN
	Total TIC, Volatile		.88	ug/l	J

(a) This compound in blank spike is outside in house QC limits bias high.

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:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: JD47067
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: 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
tert-Amyl Methyl Ether	994-05-8	**EPA 524.2 REV 4.1**	AQ	SGS is not certified for this parameter.[a]
Ethyl tert Butyl Ether	637-92-3	**EPA 524.2 REV 4.1**	AQ	SGS 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.

SGS ACCUTEST DW

CHAIN OF CUSTODY

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

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FED-EX Tracking #:
Bottle Order Control #: VP-G6(522-9)
SGS Accutest Quote #:
SGS Accutest Job #: JD47067

Client / Reporting Information

Company Name: Drake Petroleum Company, Inc.
Street Address: 15 NE Industrial Road
City: Branford, State: CT, Zip: 06405
Project Contact: Andrea Taylorson-Collins, E-mail: ataylorsoncollins@gesonline.com
Phone #: 800-220-3606x3703, Fax #: 410-721-3733
Sampler(s) Name(s): Jeff Plummer, Phone #:

Project Information

Project Name: Drake Bel Air Xtramart #7805
Street: 2476 Churchville Road
City: Bel Air, State: MD
Project #: 0403388
Client Purchase Order #: Bill Direct to Drake 7805
Project Manager: Andrea Taylorson-Collins

Billing Information (if different from Report to)

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

Requested Analysis (see TEST CODE sheet)

524.2 Full Suite VOCs including fuel oxygenates & naphthalene

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

SGS Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	524.2 Full Suite VOCs including fuel oxygenates & naphthalene	LAB USE ONLY
1	2303 Churchville		6/20/22	10:00	Jp	DW	3	3								X	V1187

Turnaround Time (Business days)

Approved By (SGS Accutest PM): / Date:

- [x] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day RUSH
- [ ] 2 Day RUSH
- [ ] 1 Day RUSH
- [ ] other

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NJ Data of Known Quality Protocol Reporting
- [ ] 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

midatlantic@gesonline.com
ges@equisonline.com
AC3K
Sample inventory is verified upon receipt in the Laboratory

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	Jeff Plummer	6-21-22 0900	1 Denise Woodruff	2 Denise Woodruff	6-21-22 1340	
	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Data Time:	Received By:
3	Eric Ruder	6-21-22 1900	3	4		4
	Relinquished by:	Date Time:	Received By:	Custody Seal #	Intact / Not intact	Preserved where applicable	On Ice	Cooler Temp.
5			5					3.4 C-1P

SGS Sample Receipt Summary

Job Number: JD47067 **Client:** GROUNDWATER & ENVIRONMENTAL SE **Project:** GESMD: PC # 007805 BEL AIR XTRA FUE

Date / Time Received: 6/21/2022 7:00:00 PM **Delivery Method:** **Airbill #'s:**

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

Cooler Temps (Corrected) °C: Cooler 1: (3.1);

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:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

JD47067: Chain of Custody
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MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JD47067
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B6391-MB	1B131490.D	1	06/27/22	BK	n/a	n/a	V1B6391

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JD47067-1

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	2.5	ug/l	
78-93-3	2-Butanone	ND	5.0	1.0	ug/l	
71-43-2	Benzene	ND	0.50	0.16	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.12	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.17	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.27	ug/l	
75-25-2	Bromoform	ND	0.50	0.27	ug/l	
74-83-9	Bromomethane	ND	0.50	0.18	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.17	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.15	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.16	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.38	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.093	ug/l	
75-00-3	Chloroethane	ND	0.50	0.28	ug/l	
67-66-3	Chloroform	ND	0.50	0.17	ug/l	
74-87-3	Chloromethane	ND	0.50	0.28	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.098	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.16	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.24	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.22	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.19	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.14	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.34	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.15	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.18	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.19	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.17	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.14	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.23	ug/l	
75-71-8	Dichlorodifluoromethane	ND	0.50	0.37	ug/l	
541-73-1	m-Dichlorobenzene	ND	0.50	0.14	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.14	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.10	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.21	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.14	ug/l	

Method Blank Summary

Job Number: JD47067
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B6391-MB	1B131490.D	1	06/27/22	BK	n/a	n/a	V1B6391

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JD47067-1

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.18	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	ug/l	
108-20-3	Di-Isopropyl ether	ND	0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.076	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND	0.50	0.064	ug/l	
87-68-3	Hexachlorobutadiene	ND	0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND	2.0	0.59	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.14	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.16	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.37	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.11	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.48	ug/l	
91-20-3	Naphthalene	ND	0.50	0.31	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.14	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	0.50	0.13	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.28	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.19	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.091	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.13	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.15	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.15	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.15	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.23	ug/l	
108-88-3	Toluene	ND	0.50	0.11	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.19	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND	5.0	2.5	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.15	ug/l	
	m,p-Xylene	ND	0.50	0.14	ug/l	
95-47-6	o-Xylene	ND	0.50	0.076	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.076	ug/l	

Method Blank Summary

Job Number: JD47067
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B6391-MB	1B131490.D	1	06/27/22	BK	n/a	n/a	V1B6391

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JD47067-1

CAS No.	Surrogate Recoveries		Limits
2199-69-1	1,2-Dichlorobenzene-d4	80%	70-130%
460-00-4	4-Bromofluorobenzene	77%	70-130%

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

Blank Spike Summary

Job Number: JD47067
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B6391-BS	1B131489.D	1	06/27/22	BK	n/a	n/a	V1B6391

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JD47067-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	20	20.2	101	70-130
78-93-3	2-Butanone	20	22.0	110	70-130
71-43-2	Benzene	5	5.2	104	70-130
108-86-1	Bromobenzene	5	5.9	118	70-130
74-97-5	Bromochloromethane	5	5.1	102	70-130
75-27-4	Bromodichloromethane	5	5.1	102	70-130
75-25-2	Bromoform	5	6.0	120	70-130
74-83-9	Bromomethane	5	4.2	84	70-130
104-51-8	n-Butylbenzene	5	5.0	100	70-130
135-98-8	sec-Butylbenzene	5	5.5	110	70-130
98-06-6	tert-Butylbenzene	5	5.5	110	70-130
75-15-0	Carbon disulfide	5	6.6	132* [a]	70-130
108-90-7	Chlorobenzene	5	5.3	106	70-130
75-00-3	Chloroethane	5	4.3	86	70-130
67-66-3	Chloroform	5	4.9	98	70-130
74-87-3	Chloromethane	5	4.4	88	70-130
95-49-8	o-Chlorotoluene	5	5.4	108	70-130
106-43-4	p-Chlorotoluene	5	5.5	110	70-130
56-23-5	Carbon tetrachloride	5	5.1	102	70-130
75-34-3	1,1-Dichloroethane	5	5.1	102	70-130
75-35-4	1,1-Dichloroethylene	5	5.6	112	70-130
563-58-6	1,1-Dichloropropene	5	5.1	102	70-130
96-12-8	1,2-Dibromo-3-chloropropane	5	5.0	100	70-130
106-93-4	1,2-Dibromoethane	5	5.3	106	70-130
107-06-2	1,2-Dichloroethane	5	5.0	100	70-130
78-87-5	1,2-Dichloropropane	5	5.1	102	70-130
142-28-9	1,3-Dichloropropane	5	5.3	106	70-130
594-20-7	2,2-Dichloropropane	5	5.1	102	70-130
124-48-1	Dibromochloromethane	5	5.0	100	70-130
74-95-3	Dibromomethane	5	5.5	110	70-130
75-71-8	Dichlorodifluoromethane	5	4.5	90	70-130
541-73-1	m-Dichlorobenzene	5	5.9	118	70-130
95-50-1	o-Dichlorobenzene	5	6.0	120	70-130
106-46-7	p-Dichlorobenzene	5	5.8	116	70-130
156-60-5	trans-1,2-Dichloroethylene	5	5.3	106	70-130
156-59-2	cis-1,2-Dichloroethylene	5	5.5	110	70-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD47067
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B6391-BS	1B131489.D	1	06/27/22	BK	n/a	n/a	V1B6391

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JD47067-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	5	5.0	100	70-130
10061-01-5	cis-1,3-Dichloropropene	5	5.0	100	70-130
108-20-3	Di-Isopropyl ether	5	5.3	106	70-130
100-41-4	Ethylbenzene	5	5.3	106	70-130
637-92-3	Ethyl tert Butyl Ether	5	4.9	98	70-130
87-68-3	Hexachlorobutadiene	5	5.5	110	70-130
591-78-6	2-Hexanone	20	23.4	117	70-130
98-82-8	Isopropylbenzene	5	5.3	106	70-130
99-87-6	p-Isopropyltoluene	5	5.5	110	70-130
75-09-2	Methylene chloride	5	5.2	104	70-130
1634-04-4	Methyl Tert Butyl Ether	5	5.2	104	70-130
108-10-1	4-Methyl-2-pentanone	20	21.6	108	70-130
91-20-3	Naphthalene	5	6.1	122	70-130
103-65-1	n-Propylbenzene	5	5.3	106	70-130
100-42-5	Styrene	5	5.2	104	70-130
994-05-8	tert-Amyl Methyl Ether	5	5.4	108	70-130
630-20-6	1,1,1,2-Tetrachloroethane	5	5.5	110	70-130
71-55-6	1,1,1-Trichloroethane	5	4.9	98	70-130
79-34-5	1,1,2,2-Tetrachloroethane	5	5.9	118	70-130
79-00-5	1,1,2-Trichloroethane	5	5.3	106	70-130
87-61-6	1,2,3-Trichlorobenzene	5	5.8	116	70-130
96-18-4	1,2,3-Trichloropropane	5	5.6	112	70-130
120-82-1	1,2,4-Trichlorobenzene	5	5.8	116	70-130
95-63-6	1,2,4-Trimethylbenzene	5	5.4	108	70-130
108-67-8	1,3,5-Trimethylbenzene	5	5.4	108	70-130
127-18-4	Tetrachloroethylene	5	5.4	108	70-130
108-88-3	Toluene	5	5.2	104	70-130
79-01-6	Trichloroethylene	5	5.3	106	70-130
75-69-4	Trichlorofluoromethane	5	4.7	94	70-130
75-65-0	Tertiary Butyl Alcohol	25	31.6	126	70-130
75-01-4	Vinyl chloride	5	4.4	88	70-130
	m,p-Xylene	10	10.6	106	70-130
95-47-6	o-Xylene	5	5.3	106	70-130
1330-20-7	Xylenes (total)	15	15.9	106	70-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD47067
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1B6391-BS	1B131489.D	1	06/27/22	BK	n/a	n/a	V1B6391

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JD47067-1

CAS No.	Surrogate Recoveries	BSP	Limits
2199-69-1	1,2-Dichlorobenzene-d4	98%	70-130%
460-00-4	4-Bromofluorobenzene	93%	70-130%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD47067
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD47112-3MS	1B131494.D	1	06/27/22	BK	n/a	n/a	V1B6391
JD47112-3MSD	1B131495.D	1	06/27/22	BK	n/a	n/a	V1B6391
JD47112-3 [a]	1B131491.D	1	06/27/22	BK	n/a	n/a	V1B6391

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JD47067-1

CAS No.	Compound	JD47112-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		20	19.1	96	20	17.0	85	12	39-151/30
78-93-3	2-Butanone	ND		20	19.6	98	20	16.9	85	15	37-142/30
71-43-2	Benzene	ND		5	5.3	106	5	4.8	96	10	42-154/17
108-86-1	Bromobenzene	ND		5	5.8	116	5	5.0	100	15	43-150/30
74-97-5	Bromochloromethane	ND		5	4.9	98	5	4.5	90	9	44-147/30
75-27-4	Bromodichloromethane	ND		5	4.9	98	5	4.2	84	15	40-160/30
75-25-2	Bromoform	ND		5	5.7	114	5	4.7	94	19	41-158/30
74-83-9	Bromomethane	ND		5	5.2	104	5	5.0	100	4	49-165/30
104-51-8	n-Butylbenzene	ND		5	4.9	98	5	4.0	80	20	28-165/30
135-98-8	sec-Butylbenzene	ND		5	5.3	106	5	4.5	90	16	33-160/30
98-06-6	tert-Butylbenzene	ND		5	5.5	110	5	4.6	92	18	31-149/30
75-15-0	Carbon disulfide	ND		5	6.5	130	5	5.9	118	10	38-168/30
108-90-7	Chlorobenzene	ND		5	5.3	106	5	4.6	92	14	42-150/30
75-00-3	Chloroethane	ND		5	5.0	100	5	4.9	98	2	37-188/30
67-66-3	Chloroform	ND		5	4.8	96	5	4.2	84	13	36-155/30
74-87-3	Chloromethane	ND		5	5.4	108	5	5.2	104	4	27-199/30
95-49-8	o-Chlorotoluene	ND		5	5.2	104	5	4.6	92	12	39-150/30
106-43-4	p-Chlorotoluene	ND		5	5.5	110	5	4.7	94	16	38-157/30
56-23-5	Carbon tetrachloride	ND		5	4.9	98	5	4.4	88	11	47-168/30
75-34-3	1,1-Dichloroethane	1.8		5	6.9	102	5	6.1	86	12	38-161/30
75-35-4	1,1-Dichloroethylene	1.2		5	6.7	110	5	5.9	94	13	33-170/30
563-58-6	1,1-Dichloropropene	ND		5	5.2	104	5	4.6	92	12	36-162/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		5	5.0	100	5	4.0	80	22	36-165/30
106-93-4	1,2-Dibromoethane	ND		5	4.9	98	5	4.3	86	13	38-154/30
107-06-2	1,2-Dichloroethane	ND		5	5.0	100	5	4.5	90	11	41-162/30
78-87-5	1,2-Dichloropropane	ND		5	4.9	98	5	4.4	88	11	38-160/30
142-28-9	1,3-Dichloropropane	ND		5	4.9	98	5	4.3	86	13	45-155/30
594-20-7	2,2-Dichloropropane	ND		5	5.3	106	5	4.7	94	12	34-180/30
124-48-1	Dibromochloromethane	ND		5	4.9	98	5	4.2	84	15	42-158/30
74-95-3	Dibromomethane	ND		5	5.2	104	5	4.5	90	14	47-153/30
75-71-8	Dichlorodifluoromethane	ND		5	4.9	98	5	4.9	98	0	50-200/30
541-73-1	m-Dichlorobenzene	ND		5	6.0	120	5	4.9	98	20	43-157/30
95-50-1	o-Dichlorobenzene	ND		5	6.0	120	5	5.0	100	18	41-159/30
106-46-7	p-Dichlorobenzene	ND		5	5.9	118	5	4.9	98	19	42-157/30
156-60-5	trans-1,2-Dichloroethylene	ND		5	5.4	108	5	4.7	94	14	42-146/30
156-59-2	cis-1,2-Dichloroethylene	0.36	J	5	5.9	111	5	5.4	101	9	45-144/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD47067
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD47112-3MS	1B131494.D	1	06/27/22	BK	n/a	n/a	V1B6391
JD47112-3MSD	1B131495.D	1	06/27/22	BK	n/a	n/a	V1B6391
JD47112-3 [a]	1B131491.D	1	06/27/22	BK	n/a	n/a	V1B6391

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JD47067-1

CAS No.	Compound	JD47112-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		5	4.7	94	5	4.1	82	14	40-152/30
10061-01-5	cis-1,3-Dichloropropene	ND		5	4.8	96	5	4.2	84	13	39-146/30
108-20-3	Di-Isopropyl ether	ND		5	5.3	106	5	4.6	92	14	29-157/30
100-41-4	Ethylbenzene	ND		5	5.2	104	5	4.6	92	12	37-155/20
637-92-3	Ethyl tert Butyl Ether	ND		5	4.8	96	5	4.3	86	11	34-142/30
87-68-3	Hexachlorobutadiene	ND		5	5.3	106	5	4.0	80	28	38-165/30
591-78-6	2-Hexanone	ND		20	22.2	111	20	18.0	90	21	30-158/30
98-82-8	Isopropylbenzene	ND		5	5.3	106	5	4.5	90	16	32-152/30
99-87-6	p-Isopropyltoluene	ND		5	5.4	108	5	4.5	90	18	25-158/30
75-09-2	Methylene chloride	ND		5	5.2	104	5	4.8	96	8	45-144/30
1634-04-4	Methyl Tert Butyl Ether	ND		5	5.0	100	5	4.5	90	11	39-133/24
108-10-1	4-Methyl-2-pentanone	ND		20	20.1	101	20	16.6	83	19	36-155/30
91-20-3	Naphthalene	ND		5	6.2	124	5	5.1	102	19	15-160/37
103-65-1	n-Propylbenzene	ND		5	5.3	106	5	4.5	90	16	34-159/30
100-42-5	Styrene	ND		5	4.8	96	5	4.2	84	13	38-148/30
994-05-8	tert-Amyl Methyl Ether	ND		5	5.1	102	5	4.5	90	13	42-135/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		5	5.3	106	5	4.6	92	14	47-153/30
71-55-6	1,1,1-Trichloroethane	4.4		5	9.2	96	5	8.2	76	11	44-161/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		5	5.8	116	5	4.7	94	21	44-165/30
79-00-5	1,1,2-Trichloroethane	ND		5	4.9	98	5	4.3	86	13	49-154/30
87-61-6	1,2,3-Trichlorobenzene	ND		5	6.0	120	5	4.9	98	20	37-153/30
96-18-4	1,2,3-Trichloropropane	ND		5	5.6	112	5	4.5	90	22	44-160/30
120-82-1	1,2,4-Trichlorobenzene	ND		5	5.9	118	5	4.8	96	21	35-148/30
95-63-6	1,2,4-Trimethylbenzene	ND		5	5.3	106	5	4.5	90	16	39-152/30
108-67-8	1,3,5-Trimethylbenzene	ND		5	5.3	106	5	4.4	88	19	34-156/30
127-18-4	Tetrachloroethylene	ND		5	5.3	106	5	4.7	94	12	45-153/30
108-88-3	Toluene	ND		5	5.1	102	5	4.5	90	13	40-148/23
79-01-6	Trichloroethylene	ND		5	5.3	106	5	4.6	92	14	39-157/30
75-69-4	Trichlorofluoromethane	ND		5	4.9	98	5	4.7	94	4	68-175/30
75-65-0	Tertiary Butyl Alcohol	ND		25	29.8	119	25	24.7	99	19	40-159/30
75-01-4	Vinyl chloride	ND		5	5.3	106	5	5.2	104	2	26-199/30
	m,p-Xylene	ND		10	10.4	104	10	9.2	92	12	15-167/28
95-47-6	o-Xylene	ND		5	5.1	102	5	4.5	90	13	30-153/74
1330-20-7	Xylenes (total)	ND		15	15.5	103	15	13.7	91	12	21-162/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD47067
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD47112-3MS	1B131494.D	1	06/27/22	BK	n/a	n/a	V1B6391
JD47112-3MSD	1B131495.D	1	06/27/22	BK	n/a	n/a	V1B6391
JD47112-3 [a]	1B131491.D	1	06/27/22	BK	n/a	n/a	V1B6391

The QC reported here applies to the following samples: **Method:** EPA 524.2 REV 4.1

JD47067-1

CAS No.	Surrogate Recoveries	MS	MSD	JD47112-3	Limits
2199-69-1	1,2-Dichlorobenzene-d4	103%	101%	80%	70-130%
460-00-4	4-Bromofluorobenzene	93%	92%	79%	70-130%

(a) EPA 524.2 is not a certified method for non-potable water samples.

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: JD47067
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample: V1B6380-BFB
Lab File ID: 1B131258.D
Instrument ID: GCMS1B
Injection Date: 06/07/22
Injection Time: 20:50

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	6484	20.5		Pass
75	30.0 - 80.0% of mass 95	16460	52.1		Pass
95	Base peak, 100% relative abundance	31622	100.0		Pass
96	5.0 - 9.0% of mass 95	2283	7.22		Pass
173	Less than 2.0% of mass 174	224	0.71	(0.82) [a]	Pass
174	50.0 - 120.0% of mass 95	27317	86.4		Pass
175	5.0 - 9.0% of mass 174	2149	6.80	(7.87) [a]	Pass
176	95.0 - 101.0% of mass 174	26800	84.8	(98.1) [a]	Pass
177	5.0 - 9.0% of mass 176	1866	5.90	(6.96) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1B6380-IC6380	1B131259.D	06/07/22	21:21	00:31	Initial cal 0.2
V1B6380-IC6380	1B131260.D	06/07/22	21:52	01:02	Initial cal 0.5
V1B6380-IC6380	1B131261.D	06/07/22	22:22	01:32	Initial cal 1
V1B6380-IC6380	1B131262.D	06/07/22	22:54	02:04	Initial cal 2
V1B6380-IC6380	1B131263.D	06/07/22	23:25	02:35	Initial cal 5
V1B6380-ICC6380	1B131264.D	06/07/22	23:56	03:06	Initial cal 10
V1B6380-IC6380	1B131265.D	06/08/22	00:27	03:37	Initial cal 20
V1B6380-IC6380	1B131266.D	06/08/22	00:57	04:07	Initial cal 40
V1B6380-IC6380	1B131267.D	06/08/22	01:28	04:38	Initial cal 80
V1B6380-ICV6380	1B131270.D	06/08/22	03:00	06:10	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: JD47067
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Sample: V1B6391-BFB
Lab File ID: 1B131485.D
Instrument ID: GCMS1B
Injection Date: 06/27/22
Injection Time: 10:00

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	14.99 - 40.0% of mass 95	4340	20.0		Pass
75	30.0 - 80.0% of mass 95	10750	49.5		Pass
95	Base peak, 100% relative abundance	21739	100.0		Pass
96	5.0 - 9.0% of mass 95	1684	7.75		Pass
173	Less than 2.0% of mass 174	285	1.31	(1.35) [a]	Pass
174	50.0 - 120.0% of mass 95	21091	97.0		Pass
175	5.0 - 9.0% of mass 174	1602	7.37	(7.60) [a]	Pass
176	95.0 - 101.0% of mass 174	20725	95.3	(98.3) [a]	Pass
177	5.0 - 9.0% of mass 176	1375	6.33	(6.63) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1B6391-CC6380	1B131486.D	06/27/22	10:32	00:32	Continuing cal 5
V1B6391-BS	1B131489.D	06/27/22	12:13	02:13	Blank Spike
V1B6391-MB	1B131490.D	06/27/22	12:44	02:44	Method Blank
JD47112-3	1B131491.D	06/27/22	13:15	03:15	(used for QC only; not part of job JD47067)
ZZZZZZ	1B131492.D	06/27/22	13:46	03:46	(unrelated sample)
ZZZZZZ	1B131493.D	06/27/22	14:17	04:17	(unrelated sample)
JD47112-3MS	1B131494.D	06/27/22	14:47	04:47	Matrix Spike
JD47112-3MSD	1B131495.D	06/27/22	15:18	05:18	Matrix Spike Duplicate
ZZZZZZ	1B131496.D	06/27/22	15:49	05:49	(unrelated sample)
ZZZZZZ	1B131497.D	06/27/22	16:20	06:20	(unrelated sample)
ZZZZZZ	1B131498.D	06/27/22	16:50	06:50	(unrelated sample)
ZZZZZZ	1B131499.D	06/27/22	17:21	07:21	(unrelated sample)
ZZZZZZ	1B131500.D	06/27/22	17:52	07:52	(unrelated sample)
ZZZZZZ	1B131501.D	06/27/22	18:22	08:22	(unrelated sample)
ZZZZZZ	1B131502.D	06/27/22	18:53	08:53	(unrelated sample)
ZZZZZZ	1B131503.D	06/27/22	19:24	09:24	(unrelated sample)
ZZZZZZ	1B131504.D	06/27/22	19:55	09:55	(unrelated sample)
ZZZZZZ	1B131505.D	06/27/22	20:25	10:25	(unrelated sample)
ZZZZZZ	1B131506.D	06/27/22	20:57	10:57	(unrelated sample)
JD47067-1	1B131507.D	06/27/22	21:28	11:28	2303 CHURCHVILLE

Surrogate Recovery Summary

Job Number: JD47067
Account: DRAKEPET Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Method: EPA 524.2 REV 4.1 **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2
JD47067-1	1B131507.D	83	79
JD47112-3MS	1B131494.D	103	93
JD47112-3MSD	1B131495.D	101	92
V1B6391-BS	1B131489.D	98	93
V1B6391-MB	1B131490.D	80	77

Surrogate Compounds	Recovery Limits
S1 = 1,2-Dichlorobenzene-d4	70-130%
S2 = 4-Bromofluorobenzene	70-130%

Appendix B – Historical Site Activity

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.

BEL AIR XTRA FUELS
SITE HISTORY

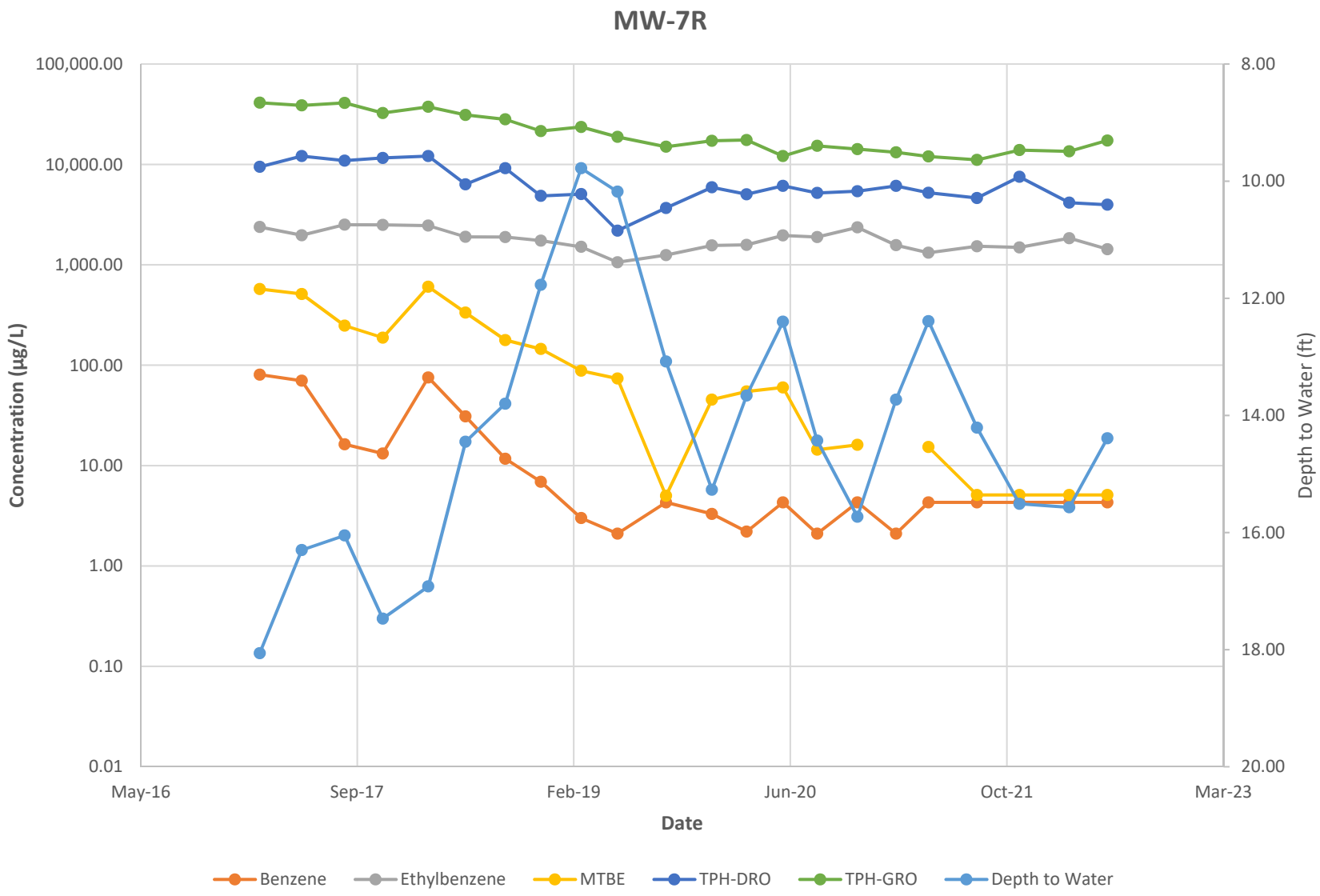
Site History	
07/14	MW-17I/D installation activities completed. Borehole over drilled to 200 ft. bgs. With MW-17D set at 195ft. bgs. with 20 ft. of screen and MW-17I set at 95 ft bgs with 15 ft of screen.
07/14	Potable samples collected Influent (PRE)-, Mid-2 and Effluent (POST)– from sampling ports 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.

Appendix C – Concentration Trend Graphs

Appendix C

Concentration Trend Graphs

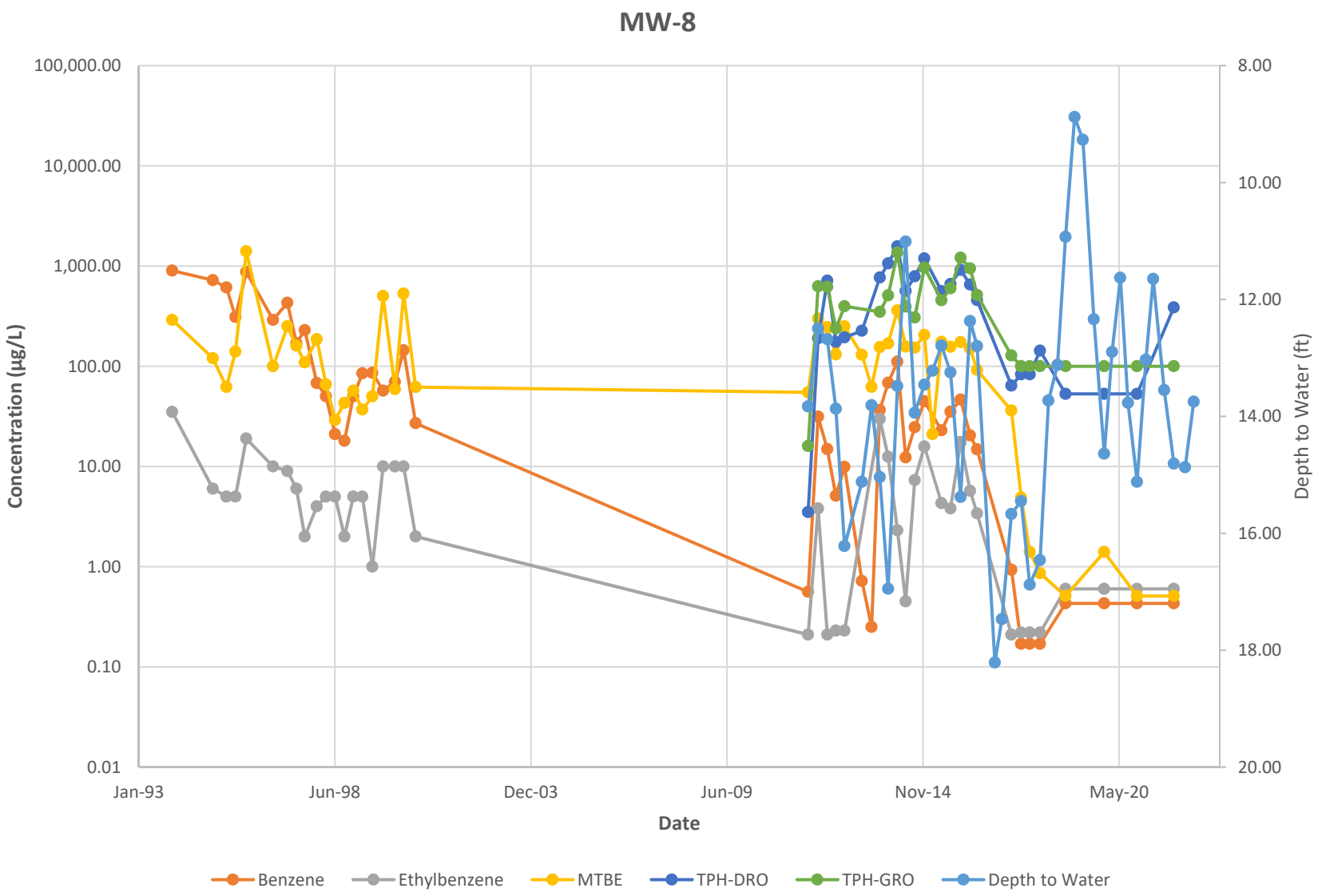
Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland



Appendix C

Concentration Trend Graphs

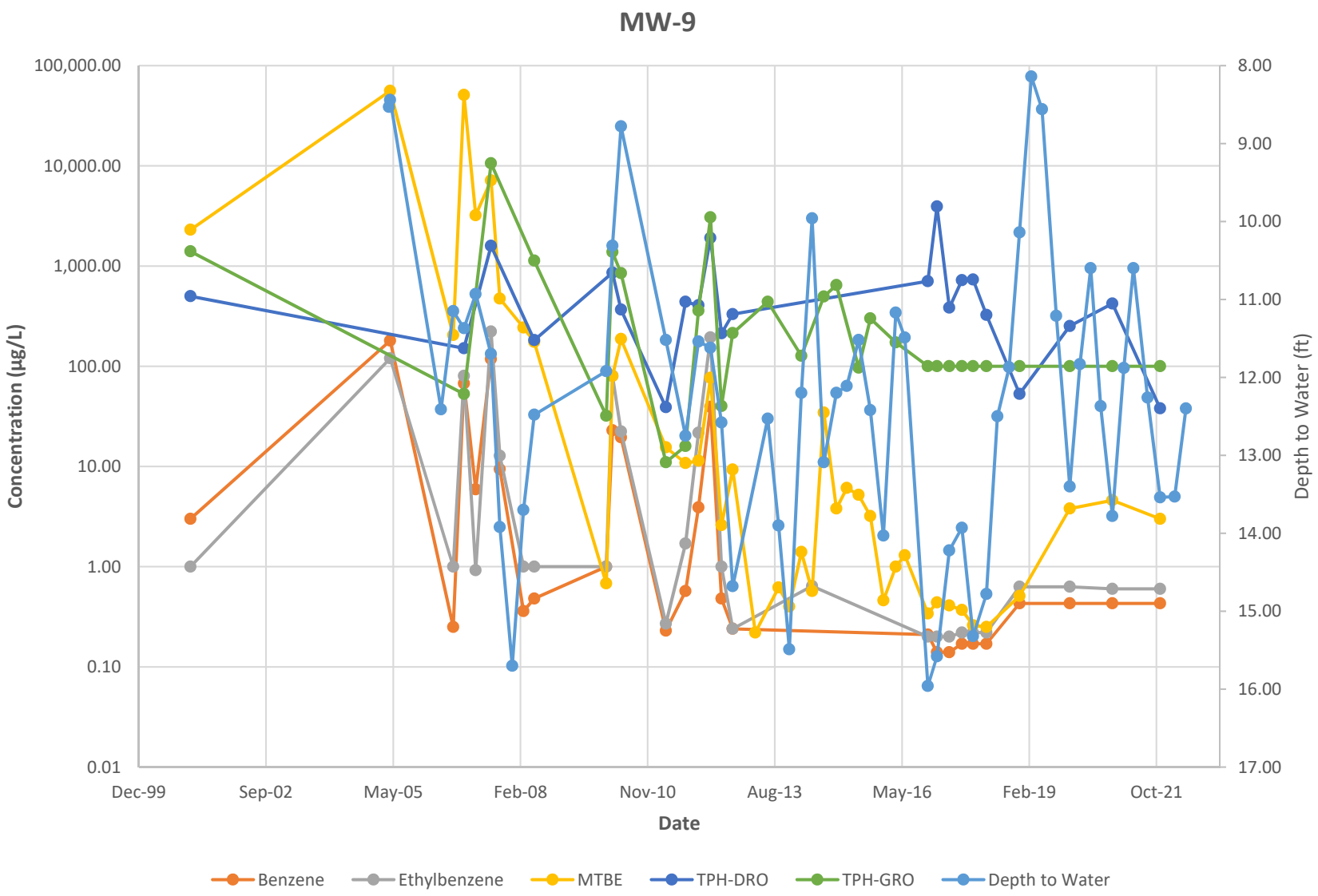
Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland



Appendix C

Concentration Trend Graphs

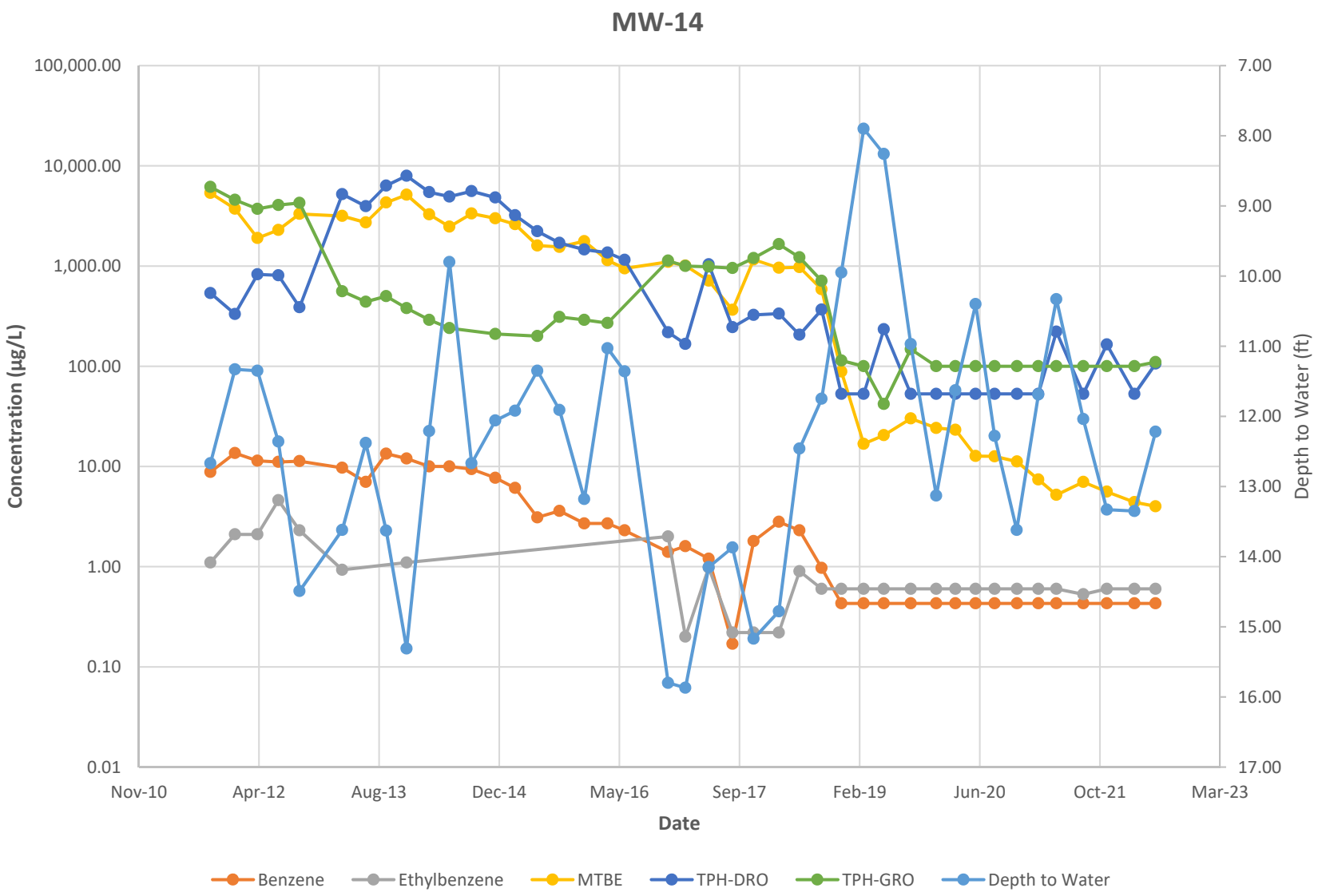
Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland



Appendix C

Concentration Trend Graphs

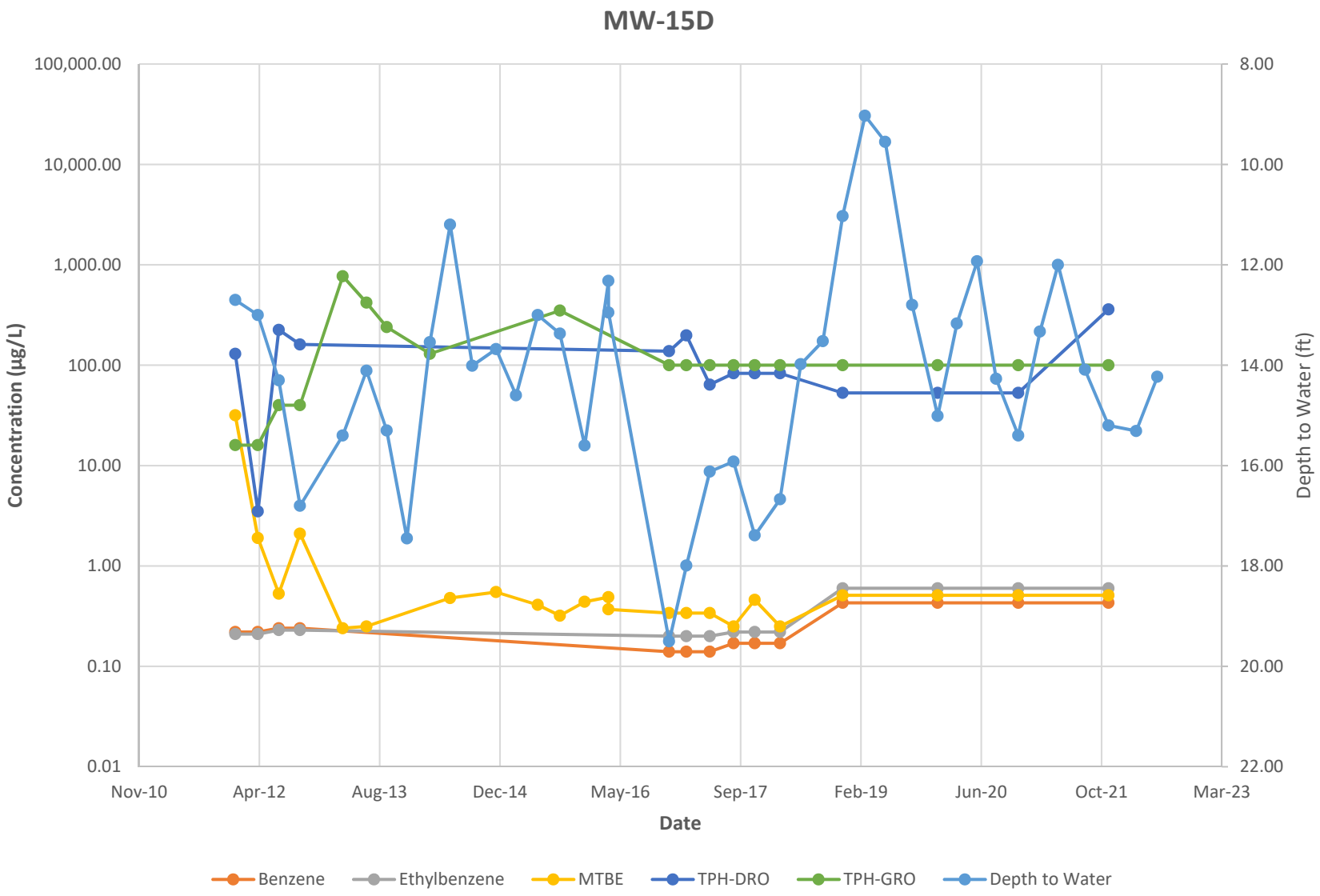
Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland



Appendix C

Concentration Trend Graphs

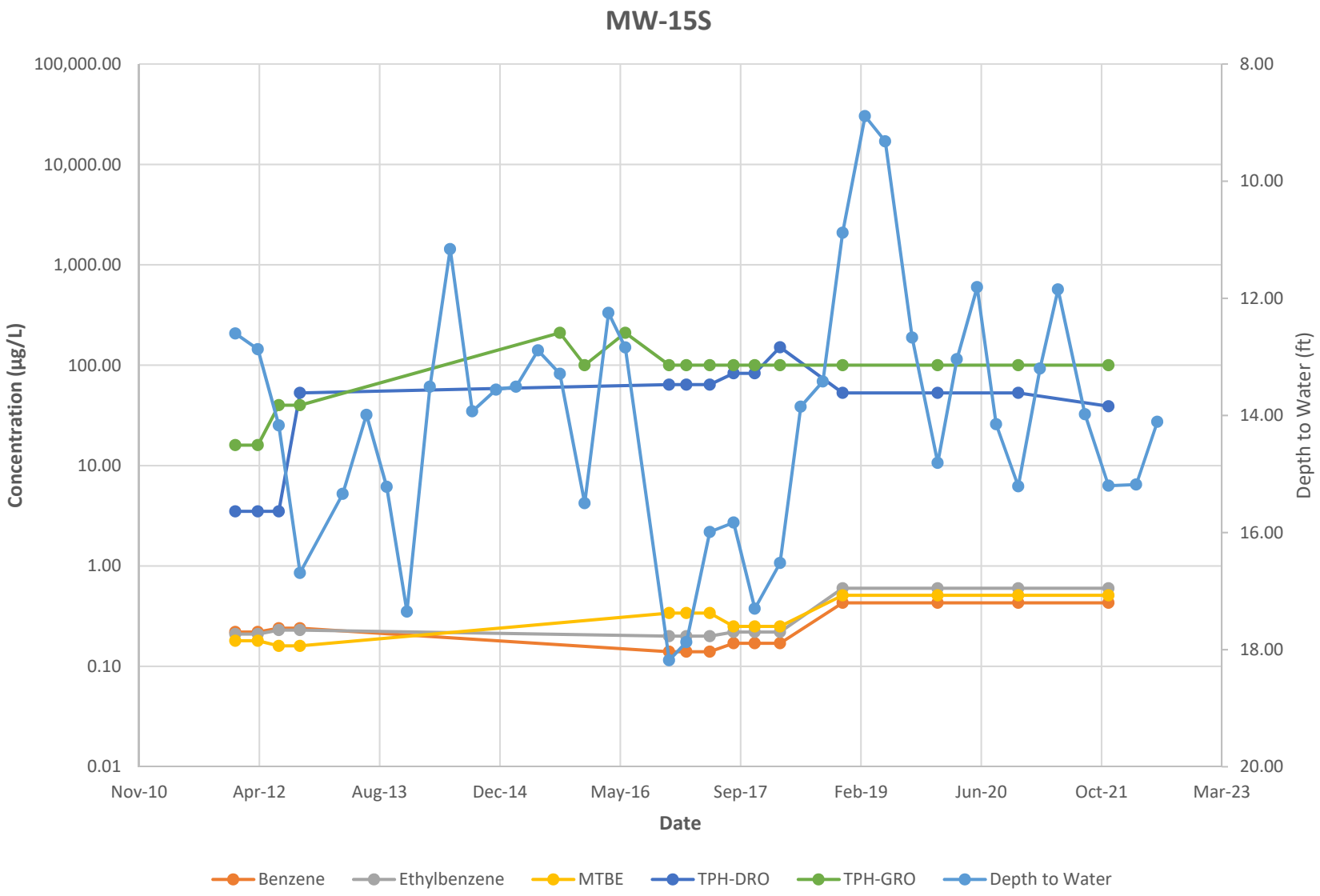
Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland



Appendix C

Concentration Trend Graphs

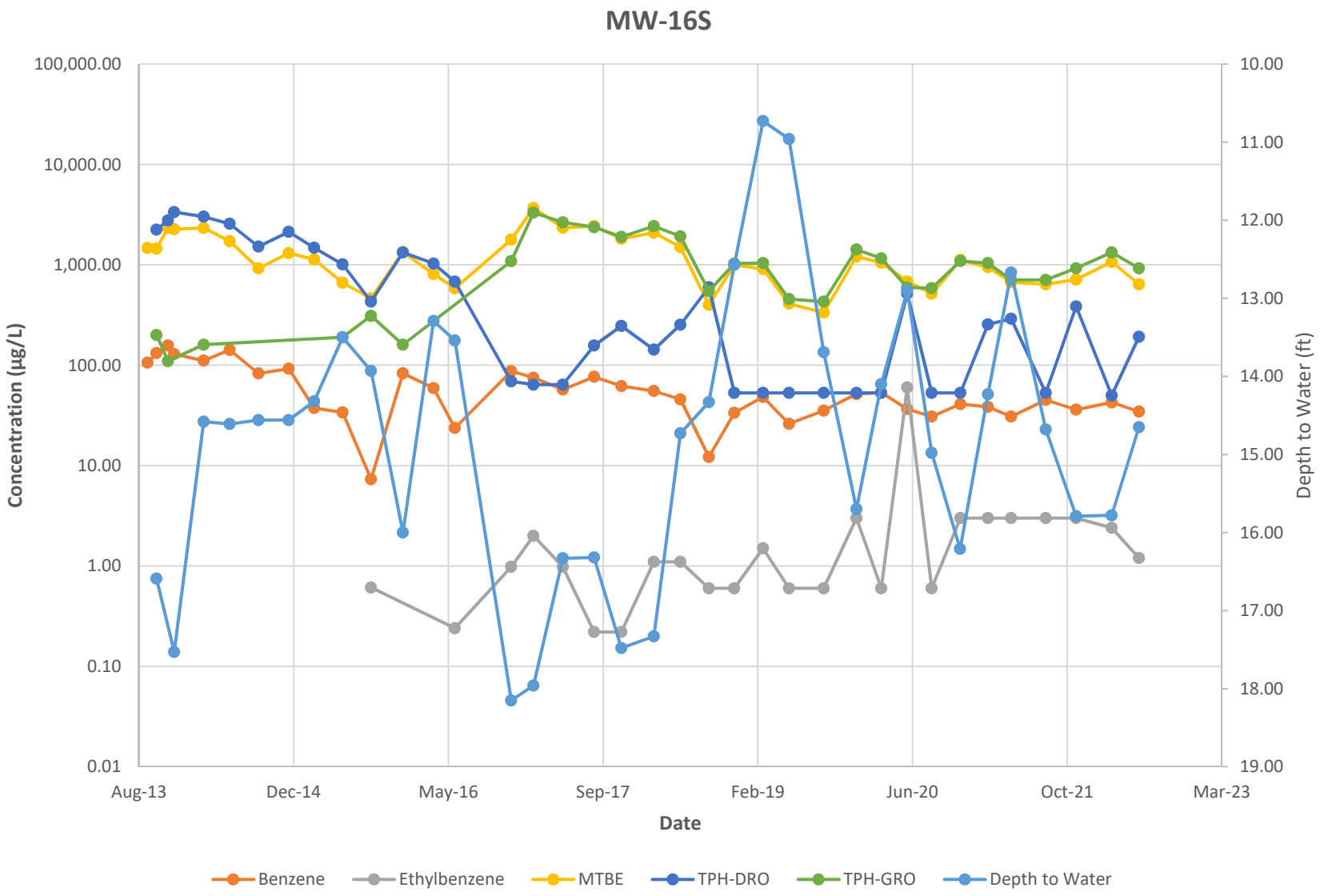
Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland



Appendix C

Concentration Trend Graphs

Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland



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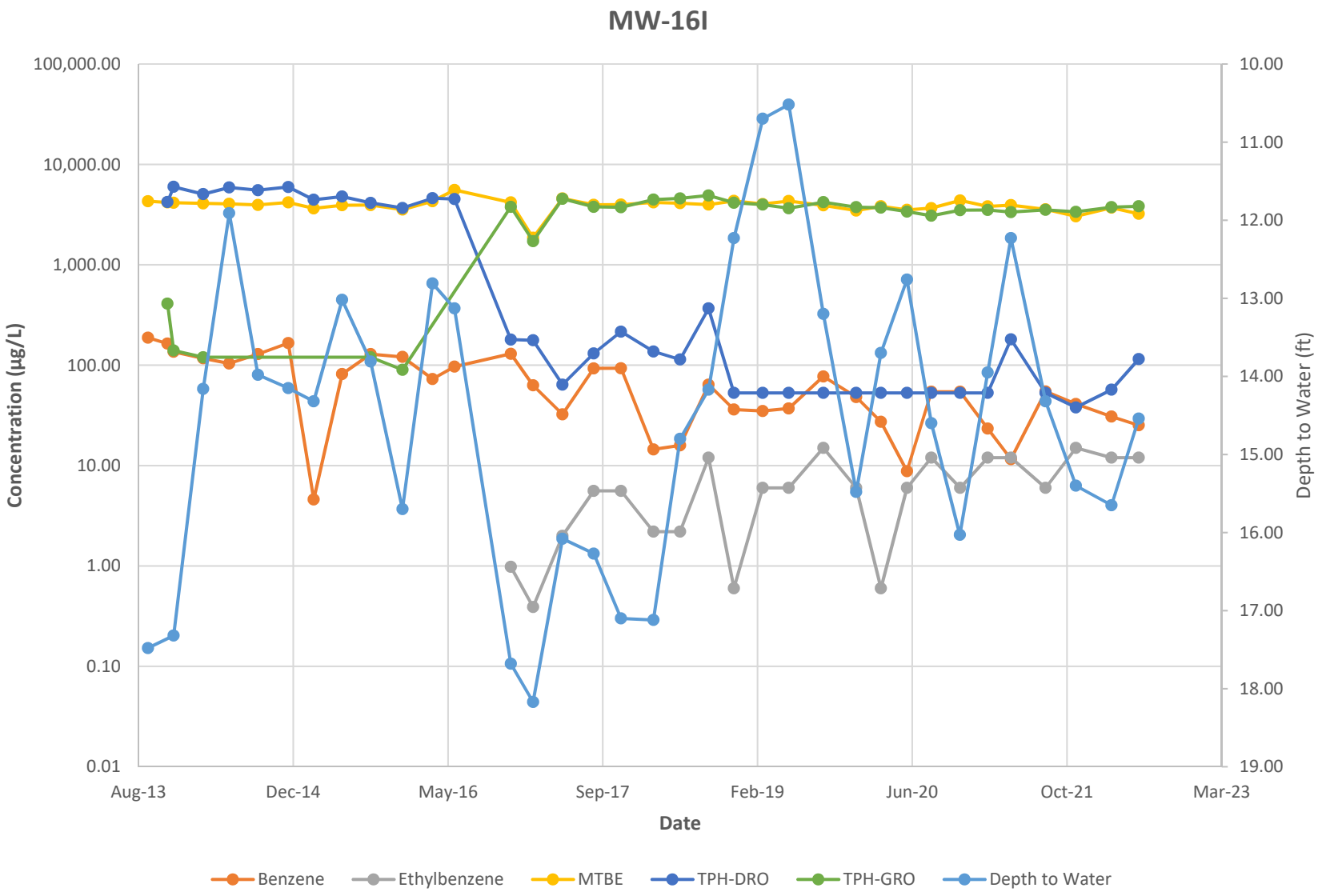
2476 Churchville Rd
Bel Air, Maryland



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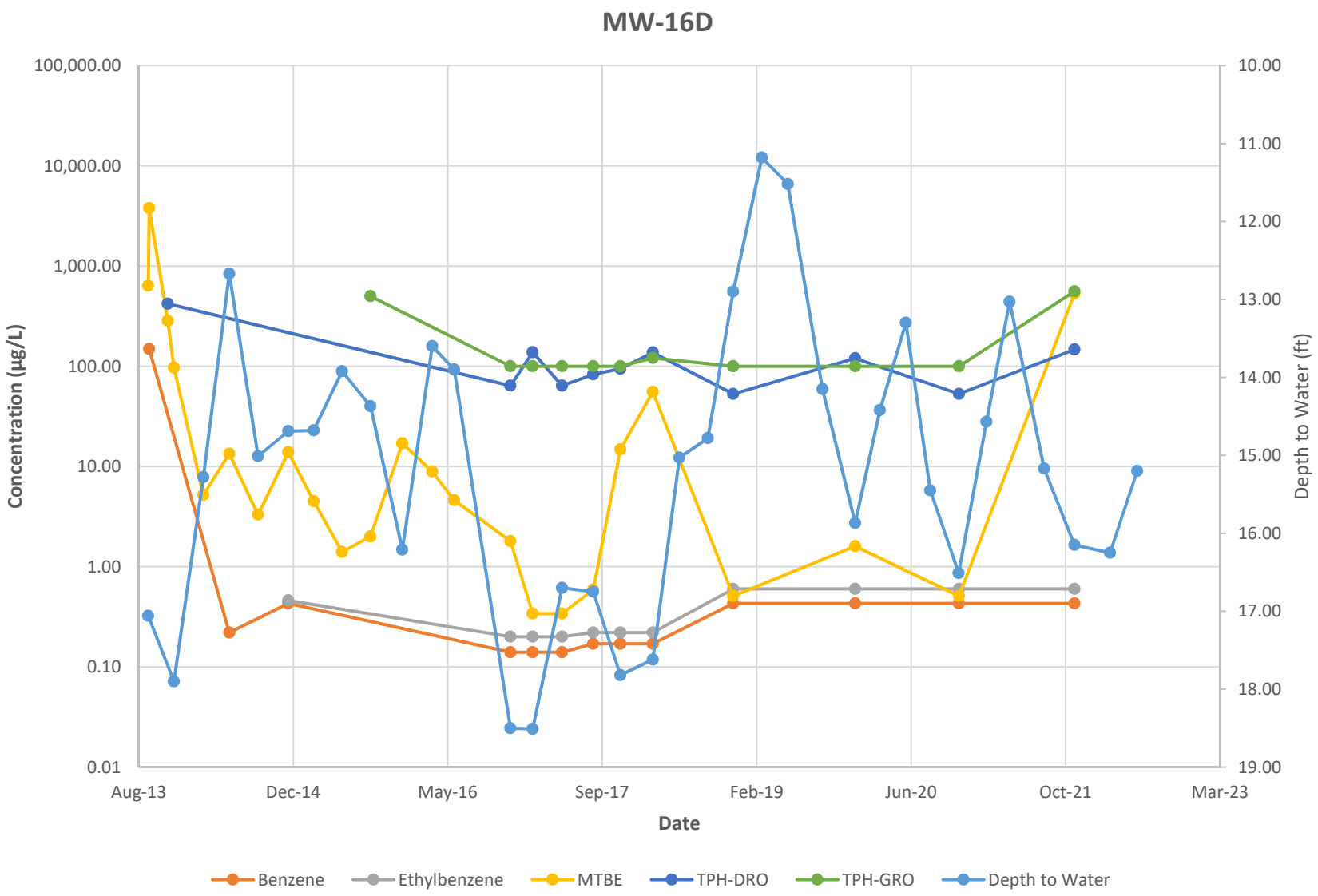
Bel Air, Maryland



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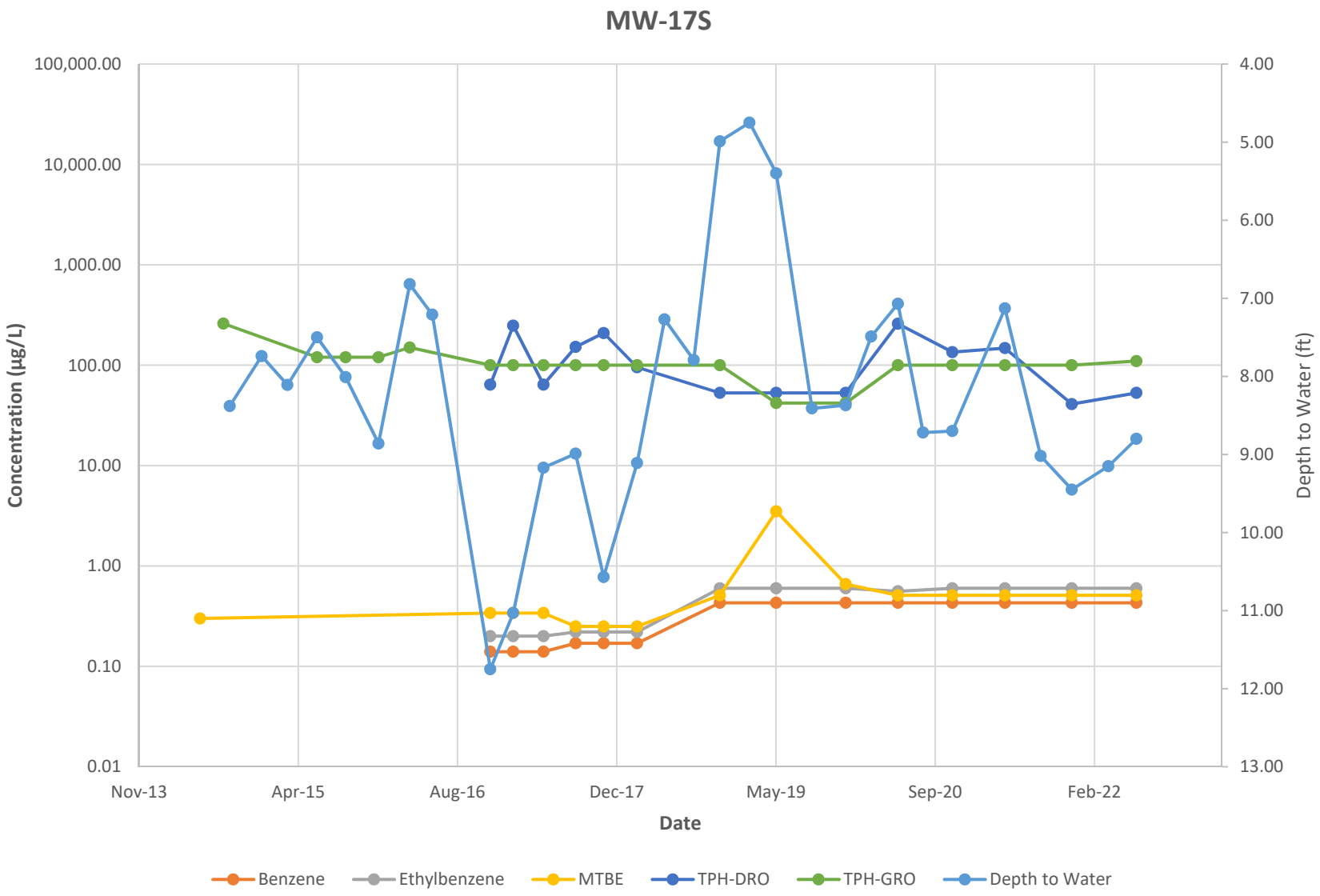
Bel Air, Maryland



Appendix C

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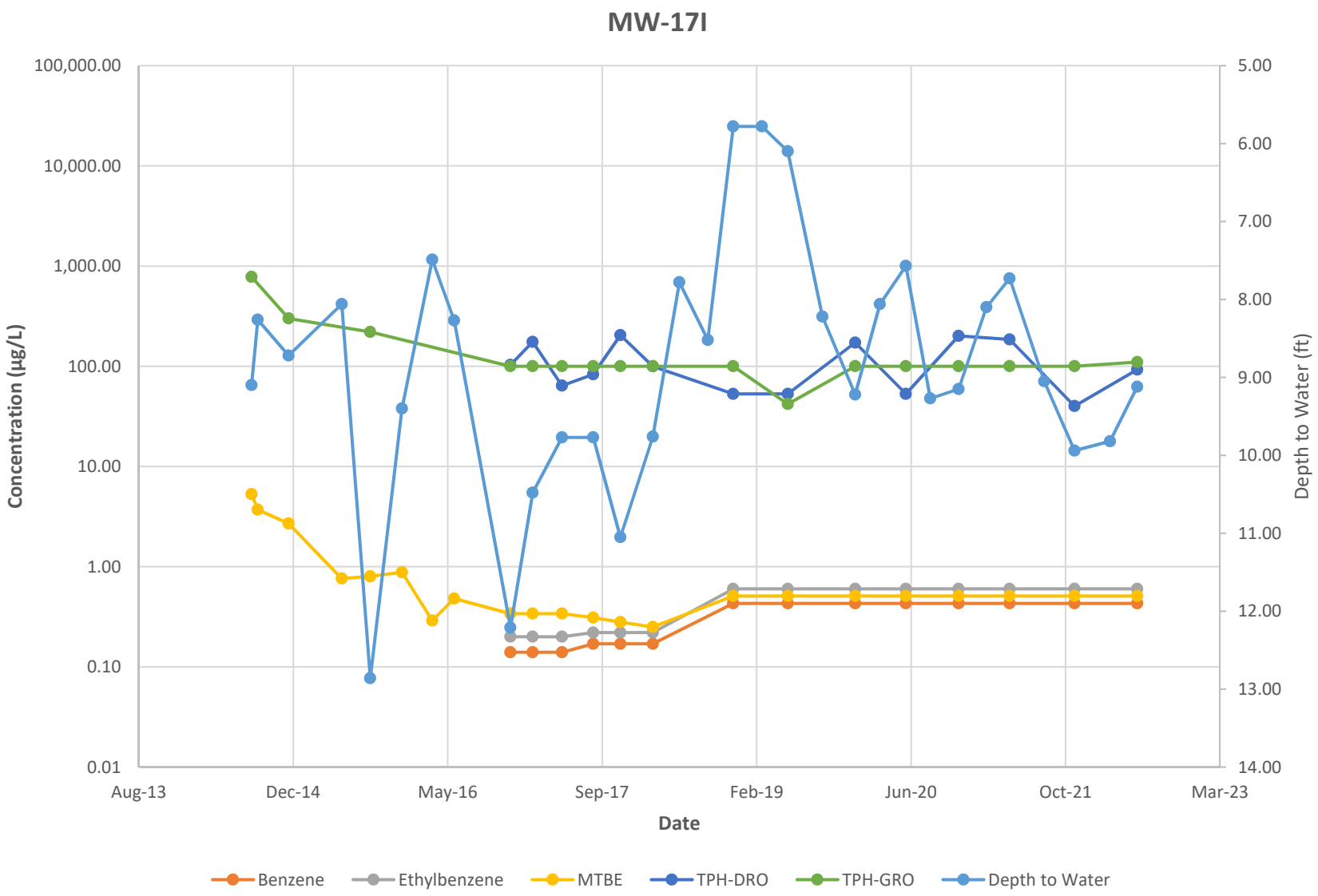
Bel Air Xtra Fuels
2476 Churchville Rd
Bel Air, Maryland



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Bel Air Xtra Fuels
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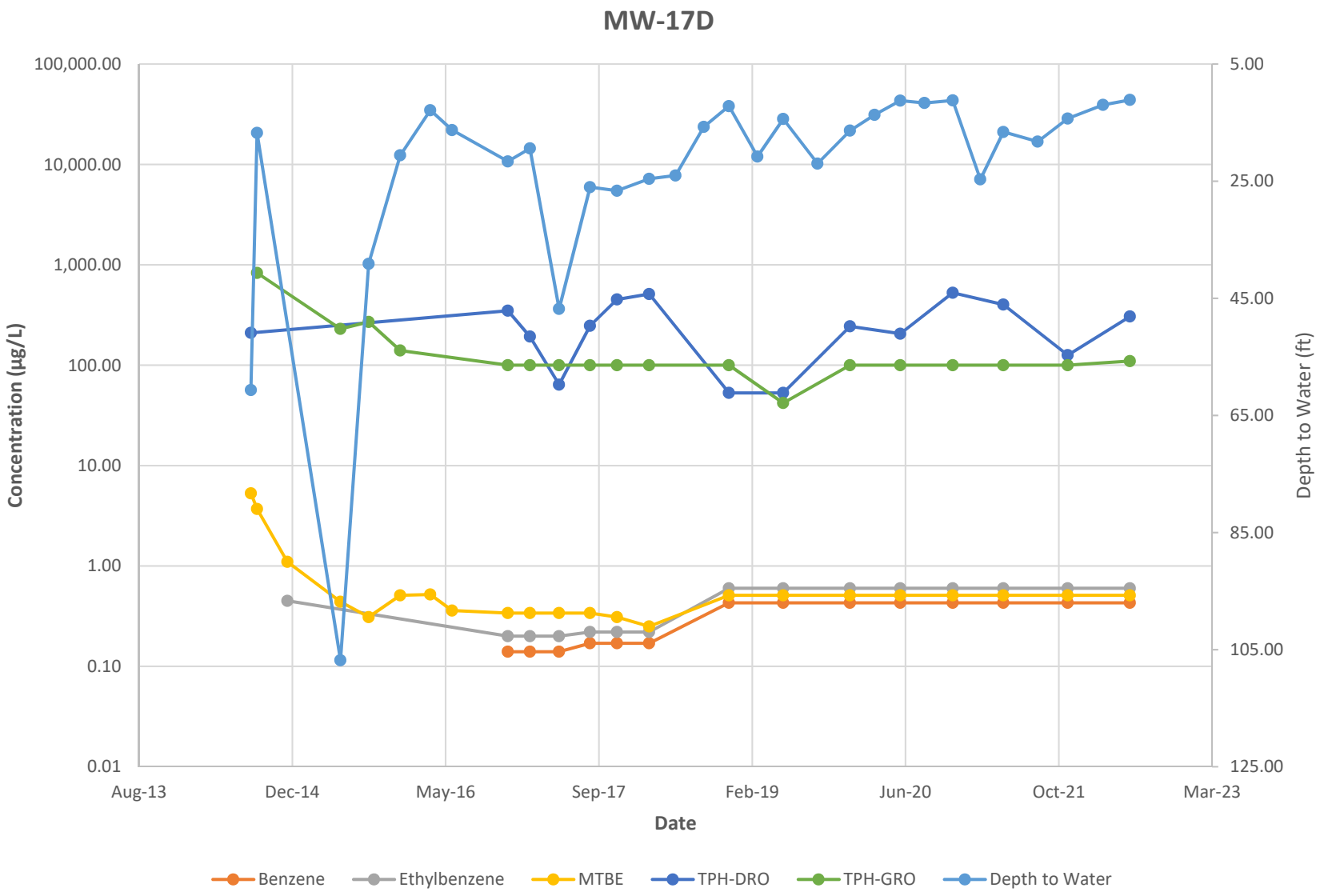

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Bel Air Xtra Fuels
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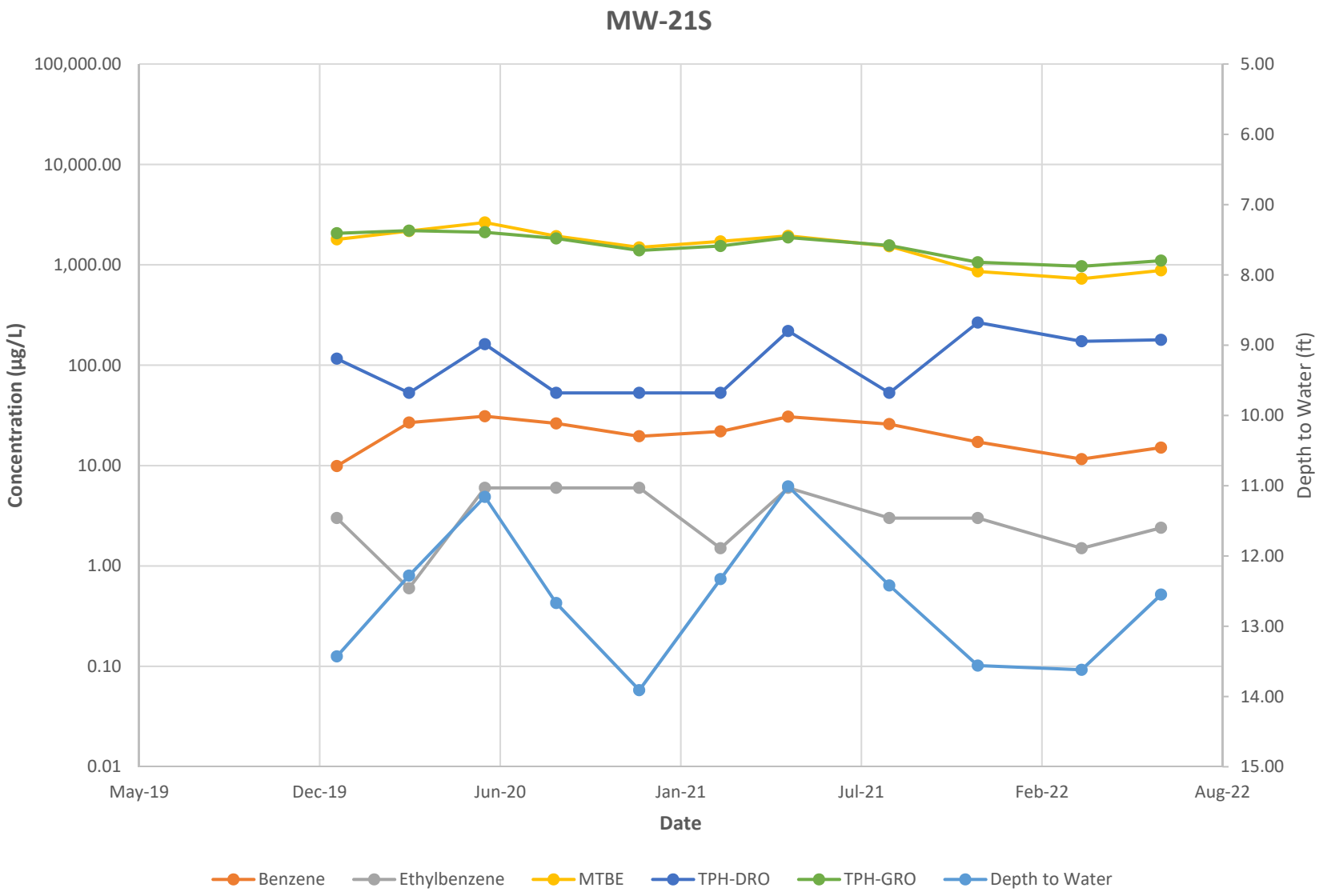

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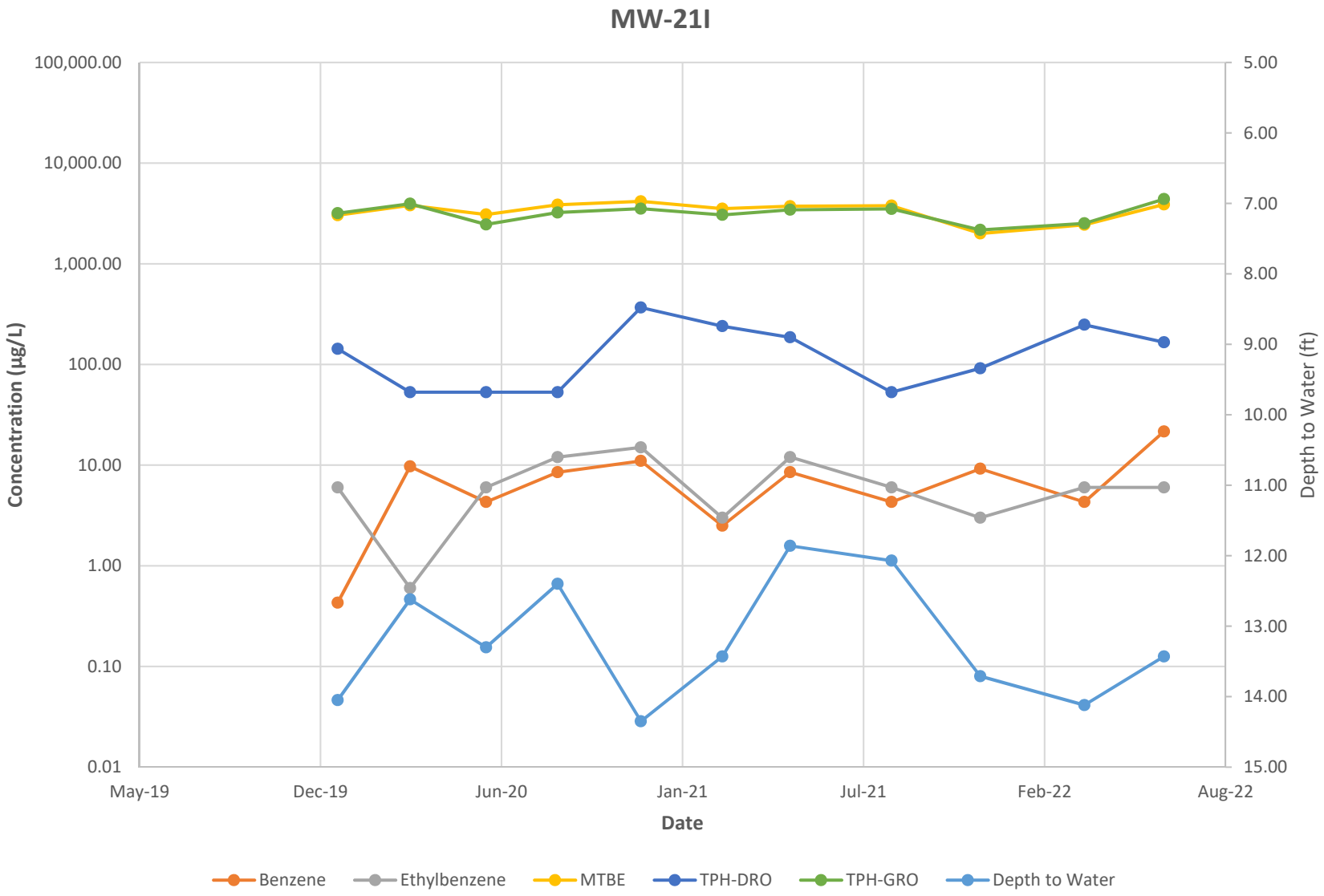

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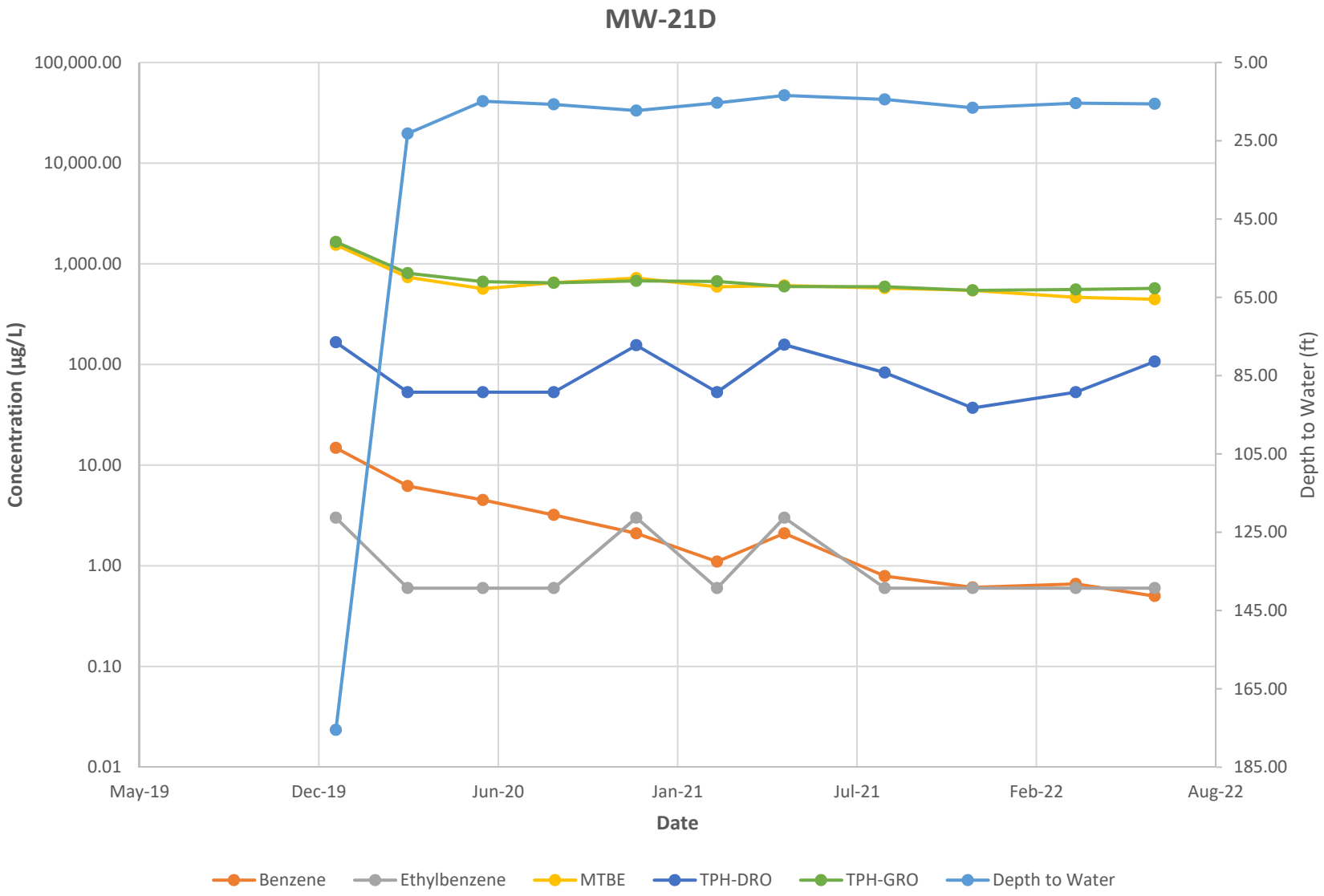
Bel Air, Maryland



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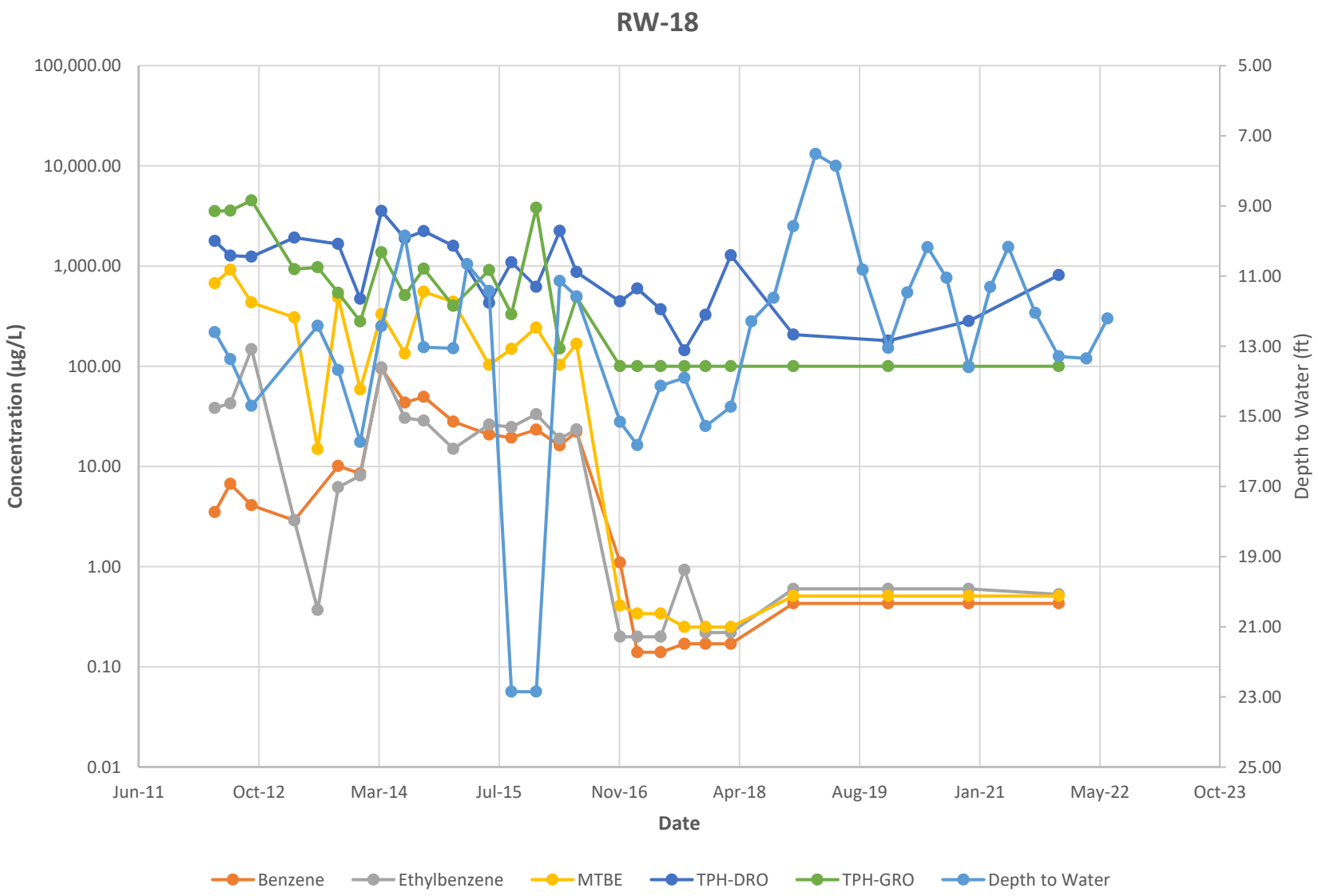
2476 Churchville Rd
Bel Air, Maryland



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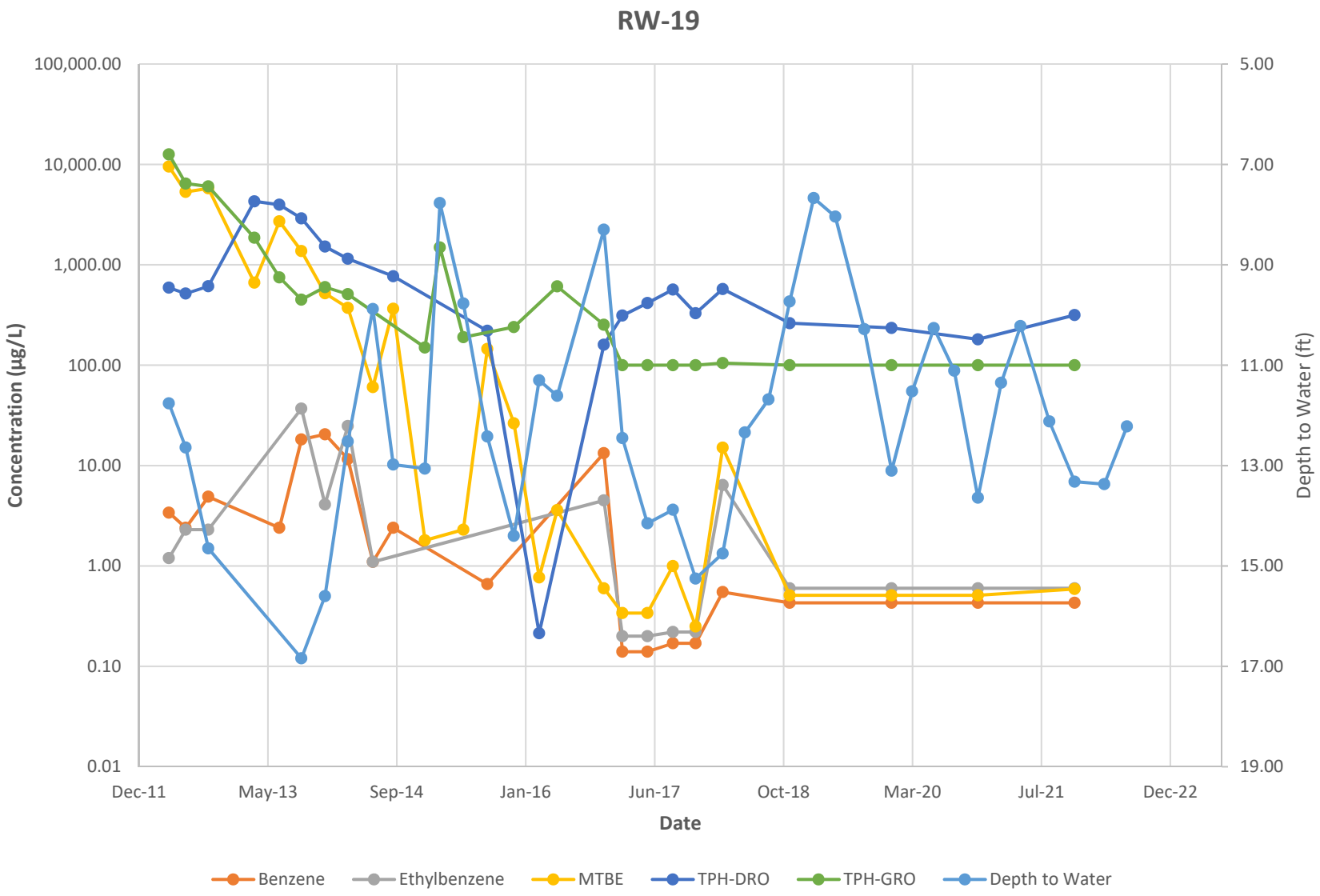
Bel Air, Maryland



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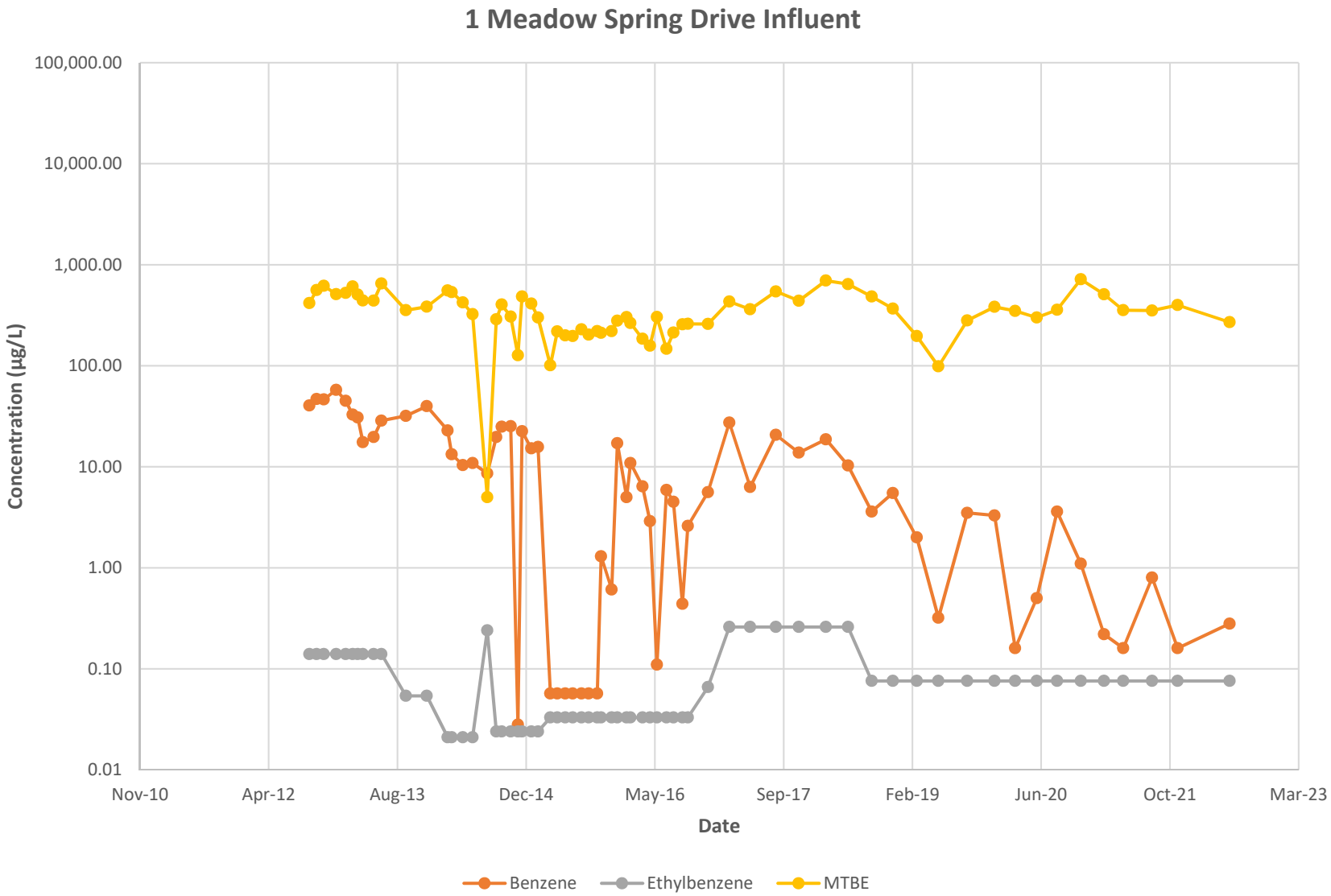

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