Drake Petroleum Company, Inc.

Site Status Report: Third Quarter 2023

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

November 13, 2023

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2476 Churchville Road
Bel Air, Maryland 21028
Facility I.D. No. 12391

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# 974648

Date:
November 13, 2023

Scott Andresini
Senior Project Manager

Andrea Taylorson-Collins
Principal Project Manager/ Environmental Scientist

November 13, 2023

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

Re: Site Status Report: Third Quarter 2023
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 Third Quarter 2023 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 the point of entry treatment (POET) system for 1 Meadow Spring Drive corresponding to the period of July 1, 2023 through September 30, 2023 as directed by the Maryland Department of the Environment (MDE) in the Consent Order dated October 11, 2016. Activities this quarter included:

- On August 31, 2023, the monitoring well network was gauged and seven (7) groundwater monitoring wells were sampled: MW-7R, MW-14, MW-16S/I, and MW-21S/I/D.
- GES collected the quarterly POET system samples (influent, mid-point, and effluent) from 1 Meadow Spring Drive on August 31, 2023.
- On September 29, 2023, a carbon change out on the POET system at 1 Meadow Spring Drive was completed.

During the Third Quarter 2023 POET sampling on August 31, 2023 at 1 Meadow Spring Drive, methyl tertiary butyl ether (MTBE) was detected above the MDE Clean-Up Standards for Type I and II Aquifers of 20 µg/L (MDE Standards) in the influent sample at a concentration of 588 micrograms per liter (µg/L). This is an increase in MTBE concentration from the previously decreasing trend since November 2020. Benzene was detected in the influent sample at a concentration of 7.9 µg/L, which is above the MDE Standard of 5 µg/L. This is an increase in concentration, with the last concentration above standards in November 2018. Naphthalene was detected in the influent at 0.82µg/L, above the MDE standard of 0.65µg/L. This is the first-time naphthalene has been detected above the MDE standard since January 16, 2015. Tert butyl alcohol (TBA) was detected in the influent sample at concentrations of 361 µg/L. The MDE has no standard for this constituent. Di isopropyl ether, ethyl tert-butyl ether, and tert-amyl methyl ether were all detected in the influent sample at 2.1 µg/L, 0.44 µg/L, and 18.2 µg/L, respectively. The MDE has no standards for these compounds. The remaining constituents in the influent sample were detected

below their respective MDE Standards 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 Third Quarter 2023 sampling event. During the third quarter 2023 sampling event, potable well sampling was not conducted at 2303 E. Churchville Road, as it was not required.

During the Third Quarter 2023 groundwater sampling event on August 31, 2023 the following analytical results were observed: Benzene was not detected in monitoring wells MW-7R, MW-14, MW-21I, and MW-21D. Benzene was detected exceeding the MDE Standard (5 µg/L) in monitoring wells MW-16S, MW-16I, and MW-21S at concentrations of 25.3 µg/L, 29.1 µg/L, and 9.6 µg/L; respectively. Toluene did not exceed the MDE Standard of 1,000 µg/L in any groundwater sample. Ethylbenzene exceeded the MDE Standard of 700 µg/L in source area monitoring well MW-7R at a concentration of 2,720 µg/L. Ethylbenzene was not detected in monitoring wells MW-14, MS-16S, MW-16I, MW-21S, MW-21I, MW-21D. Total xylenes did not exceed the MDE Standard of 10,000 µg/L in any of the sampled monitoring wells. 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 959 µg/L, 4,070 µg/L, 773 µg/L, 4,640 µg/L, and 418 µg/L; respectively. MTBE was not detected or not detected above MDE Standards in monitoring wells MW-7R and MW-14. Total petroleum hydrocarbons – diesel range organics (TPH-DRO) was detected exceeding the MDE Standard of 47 µg/L in monitoring well MW-7R, MW-16S, MW-16I, and MW-21I at a concentration of 5,590 µg/L, 85.3 µg/L, 144 µg/L, and 101 µg/L, respectively. TPH-DRO was not detected above laboratory method detection limits in any other sampled monitoring wells; however, the method detection limit of 55 µg/L, 53 µg/L, and 55 µg/L in MW-14, MW-21I, and MW-21D exceed the MDE Standard of 47µg/L. Total petroleum hydrocarbons – gasoline range organics (TPH-GRO) was detected exceeding the MDE Standard of 47 µg/L in monitoring wells MW-7R, MW-16S, MW16I, MW-21S, MW-21I, and MW-21D at concentrations 1,020 µg/L, 3,800 µg/L, 820 µg/L, 4,080 µg/L, and 464 µg/L; respectively. TPH-GRO was not detected above laboratory method detection limits in monitoring wells MW-14, however, the method detection limits of 110 µg/L exceeds the MDE Standard of 47 µg/L.

Overall continued stable concentrations were observed in downgradient groundwater monitoring wells since the tanks were removed, although there is continued seasonal variation observed related to groundwater depth. The Site location is experiencing drought conditions with groundwater depth to water lower than the last drought that occurred in 2018 that also caused constituent of concern concentrations (COCs) to increase. The low groundwater elevation observed during the Third Quarter sampling event are contributing to observed increase in select analytes in some groundwater monitoring wells and the potable well influent concentration increase in MTBE and benzene. The source area groundwater monitoring well, MW-7R, has an overall increase in COCs since last quarter.

On May 9, 2023, a replacement potable well recommendation plan for 1 Meadow Spring Drive was submitted to the Hartford County Health Department (HCHD) for consideration and since that date, GES has continued to make progress on the replacement of the potable well. As of October 5, 2023 the property owner was agreeable to the replacement plan. GES is currently soliciting drillers to complete the work and will respond to the MDE under a separate cover to outline a schedule and plan for potable well replacement activities.

MDE Request for Additional Information letter dated August 29, 2023 initiated the following requirements:

1.) Approval to collect groundwater samples from monitoring well MW-14 semi-annually.
2.) Continue sampling MW-17 and the potable well at 2303 Churchville Rd semi-annually.
3.) By October 30, 2023 collect drinking water samples from the nine previously sampled area potable wells.
4.) Submit copies of the sampling results to the MDE, property owners and Harford County Health Department by November 30, 2023.
5.) Continue to submit groundwater reports to the MDE per the Consent Order.
6.) No later than October 16, 2023 submit a workplan for additional investigation via nested monitoring wells downgradient of the MW-21 series.

GES, on behalf of Drake, is complying with the directive and updates will be provided in the next quarterly report and under separate cover as directed.

During the Fourth Quarter of 2023, all groundwater monitoring wells will be gauged and the following seventeen (17) groundwater monitoring wells will be sampled: MW-7R, MW-8, MW-9, MW-14, MW-15S/D, MW-16S/I/D, MW-17S/I/D, RW-18, RW-19, 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 and a potable sample at 2303 E. Churchville Road. The groundwater monitoring well samples will be analyzed for full suite volatile organic compounds (VOCs) via Environmental Protection Agency (EPA) Method 8260 and TPH-DRO and TPH-GRO via EPA Method 8015. The POET samples (influent, mid-fluent, and effluent) from 1 Meadow Spring Drive and potable well sample from 2303 E. Churchville Road 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: lindley.campbelll1@maryland.gov
ellen.jackson@maryland.gov
Jeff McCullough, Drake Petroleum (Jeff.McCullough@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# 974648

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
ft	Feet
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.

01/17 Potable well sampling results submitted to homeowners, Harford County Department of Health and the MDE on January 4, 2017.

01/17 Monitoring well MW-7 re-installed as monitoring well MW-7R on January 11, 2017.

01/17 UST Removal Activities Report submitted to MDE on January 19, 2017.

02/17 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.

02/17 Quarterly groundwater sampling event conducted on February 9, 2017.

02/17 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.

02/17 Quarterly POET sampling event conducted at 1 Meadow Spring Drive on February 23, 2017.

03/17 Potable well sampling results submitted to homeowners, Harford County Health Department and the MDE on March 8, 2017.

05/17 Quarterly groundwater sampling event conducted on May 15 & 17, 2017.

05/17 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.

05/17 Quarterly POET sampling event conducted at 1 Meadow Spring Drive on May 15, 2017.

06/17 Potable well sampling results submitted to homeowners, Harford County Health Department and the MDE on June 7, 2017.

07/17 Carbon change-out of the POET system for 1 Meadow Spring Drive with Suburban Water Technologies, Inc. completed on July 13, 2017.

08/17 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.

08/17 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.

02/18 Carbon change-out for 1 Meadow Spring Drive with Suburban Water Technologies, Inc. completed on February 7, 2018.

03/18 Quarterly groundwater sampling event conducted on March 5, 2018.

03/18 Quarterly POET sampling event of 1 Meadow Spring Drive on March 5, 2018.

03/18 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.

05/18 Quarterly POET Sampling event of 1 Meadow Spring Drive on May 30, 2018.

05/18 Quarterly monitoring for MW-7R, MW-14, MW-16S, and MW-16I on May 30, 2018.

08/18 Quarterly POET Sampling event of 1 Meadow Spring Drive on August 30, 2018

08/18 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.
08/20 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.
06/22 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.
07/22 Carbon change out of POET system at 1 Meadow Spring Drive on July 15, 2022.
09/22 Quarterly groundwater sampling of monitoring wells MW-7R, MW-14, MW-16S, MW-16I, MW-21S, MW-21I, and MW-21D on September 19, 2022.
09/22 Quarterly POET sampling event of 1 Meadow Spring Drive on September 19, 2022.
12/22 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 December 19 and 20, 2022.
12/22 Quarterly POET sampling event of 1 Meadow Spring Drive on December 19, 2022.
12/22 Semi-Annual potable sampling at 2303 E. Churchville Road on December 20, 2022.
01/23 A carbon change out on POET system at 1 Meadow Spring Drive on January 13, 2023.
02/23 Quarterly groundwater sampling of monitoring wells MW-7R, MW-14, MW-16S, MW-16I, MW-17S, MW-17I, and MW-17D on February 28, 2023.
03/23 Quarterly POET sampling event of 1 Meadow Spring Drive on March 17, 2023.
05/23 A replacement potable well recommendation plan was submitted to the Harford County Health Department on May 9, 2023.
05/23 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 May 24, 2022.
05/23 Semi-Annual potable sampling at 2303 E. Churchville Road on May 24, 2023.
05/23 Quarterly POET sampling event of 1 Meadow Spring Drive on May 24, 2023.
08/23 August 29, 2023 MDE issued a Request for Additional Information letter to install additional delineation monitoring wells between the MW-21 series wells and the intersection of Campus Hills Drive and Churchville Road.
08/23 Quarterly groundwater sampling of MW-7R, MW-14, MW-16S, MW-16I, MW-21S, MW-21I, and MW-21D on August 31, 2023.
08/23 Quarterly POET sampling event of 1 Meadow Spring Drive on August 31 2023.
09/23 A carbon change out on POET system at 1 Meadow Spring Drive on September 29, 2023.

REPORTING PERIOD ACTIVITIES

WELL IDENTIFICATIONS:	Groundwater monitoring wells (17): 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 (First, Second, Third, and Fourth Quarters): 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, Second, Third, and Fourth Quarters): MW-7R, MW-16S/I, and MW-21S/I/D Semi-annually (Second and Fourth Quarters): MW-7R, MW-14, MW-16S/I, MW-17S/I/D and MW-21S/I/D Annually (Fourth Quarter): 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
POET & POTABLE SAMPLING FREQUENCY:	Quarterly (First, Second, Third, and Fourth Quarters): 1 Meadow Spring Drive (Carbon change out annually or as needed) Semi-Annually (Second and Fourth Quarters): 2303 E. Churchville Road
ANALYTICAL LABORATORY / METHODS:	SGS 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 Third Quarter 2023 POET sampling on August 31, 2023 at 1 Meadow Spring Drive, methyl tertiary butyl ether (MTBE) was detected above the MDE Clean-Up Standards for Type I and II Aquifers of 20 µg/L (MDE Standards) in the influent sample at a concentration of 588 micrograms per liter (µg/L). This is an increase in MTBE concentration from the previously decreasing trend since November 2020. Benzene was detected in the influent sample at a concentration of 7.9 µg/L, which is above the MDE Standard of 5 µg/L. This is an increase in concentration, with the last concentration above standards in November 2018. Tert butyl alcohol (TBA) was detected in the influent sample at concentrations of 361 µg/L. The MDE has no standard for this constituent. Di isopropyl ether, ethyl tert-butyl ether, and tert-amyl methyl ether were all detected in the influent sample at 2.1 µg/L, 0.44 µg/L, and 18.2 µg/L, respectively. The MDE has no standards

for these compounds. The remaining constituents in the influent sample were detected below their respective MDE Standards 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 Third Quarter 2023 sampling event.

POTABLE SAMPLING DATA:

During the third quarter 2023 sampling event, potable well sampling was not conducted.

GROUNDWATER QUARTERLY DATA SUMMARY:

During the Third Quarter 2023 groundwater sampling event on August 31, 2023 the following analytical results were observed: Benzene was not detected in monitoring wells MW-7R, MW-14, MW-21I, and MW-21D. Benzene was detected exceeding the MDE Standard (5 µg/L) in monitoring wells MW-16S, MW-16I, and MW-21S at concentrations of 25.3 µg/L, 29.1 µg/L, and 9.6 µg/L; respectively. Toluene did not exceed the MDE Standard of 1,000 µg/L in any groundwater sample. Ethylbenzene exceeded the MDE Standard of 700 µg/L in source area monitoring well MW-7R at a concentration of 2,720 µg/L. Ethylbenzene was not detected in monitoring wells MW-14, MS-16S, MW-16I, MW-21S, MW-21I, MW-21D. Total xylenes did not exceed the MDE Standard of 10,000 µg/L in any of the sampled monitoring wells. 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 959 µg/L, 4,070 µg/L, 773 µg/L, 4,640 µg/L, and 418 µg/L; respectively. MTBE was not detected or not detected above MDE Standards in monitoring wells MW-7R and MW-14. TPH-DRO was detected exceeding the MDE Standard of 47 µg/L in monitoring well MW-7R, MW-16S, MW-16I, and MW-21I at a concentration of 5,590 µg/L, 85.3 µg/L, 144 µg/L, and 101 µg/L, respectively. TPH-DRO was not detected above laboratory method detection limits in any other sampled monitoring wells; however, the method detection limit of 55 µg/L, 53 µg/L, and 55 µg/L in MW-14, MW-21I, and MW-21D exceed the MDE Standard of 47µg/L. TPH-GRO was detected exceeding the MDE Standard of 47 µg/L in monitoring wells MW-7R, MW-16S, MW16I, MW-21S, MW-21I, and MW-21D at concentrations 1,020 µg/L, 3,800 µg/L, 820 µg/L, 4,080 µg/L, and 464 µg/L; respectively. TPH-GRO was not detected above laboratory method detection limits in monitoring wells MW-14, however, the method detection limits of 110 µg/L exceeds the MDE Standard of 47 µg/L.

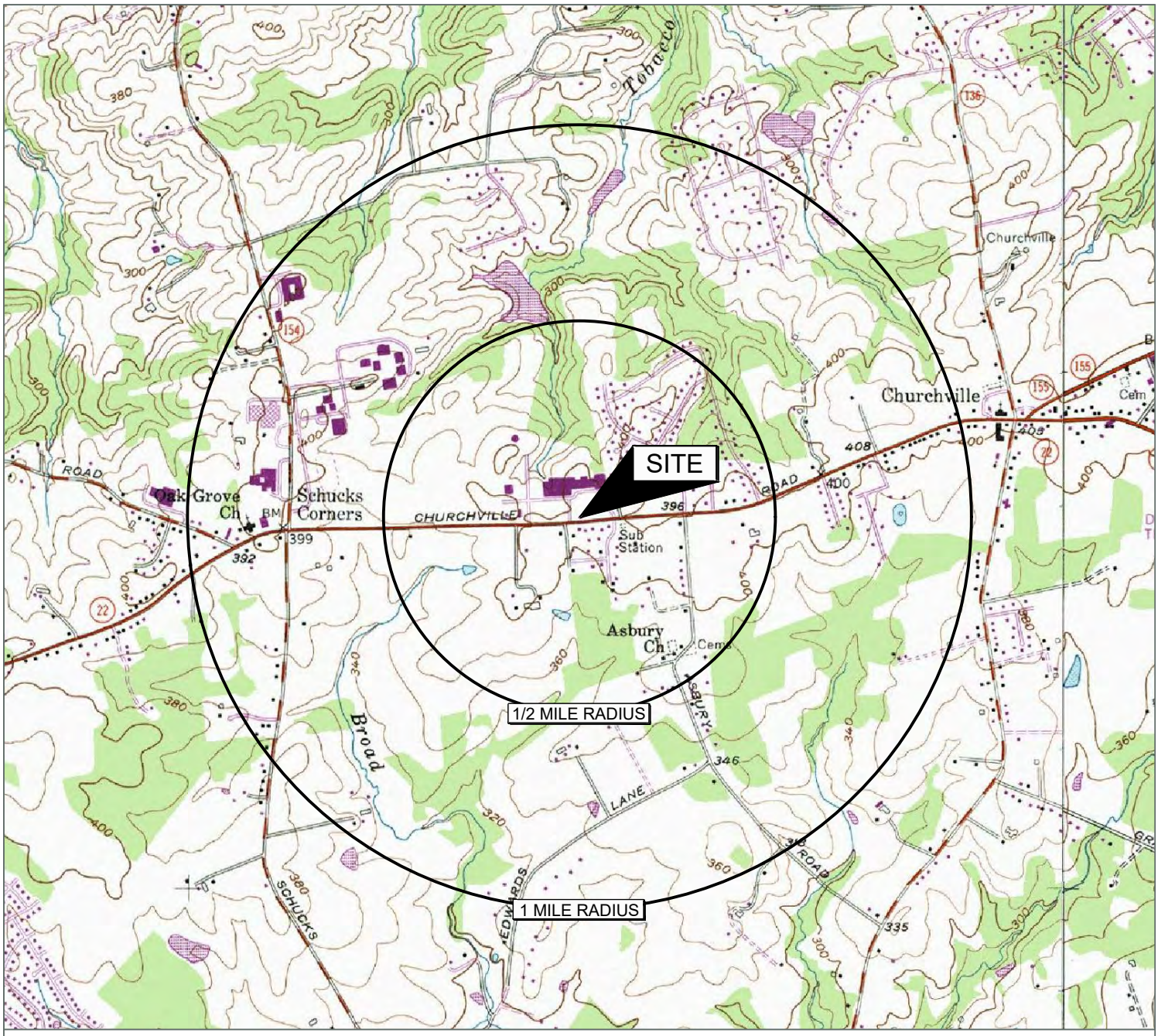
GROUNDWATER SAMPLING DATE:	August 31, 2023
# SAMPLED/# OF WELLS:	7/17
DEPTH TO WATER (FT):	11.02 feet (MW-17S) to 17.88 feet (MW-16D)
DISSOLVED BENZENE RANGE:	Not detected to 29.1 µg/L (MW-16I)
DISSOLVED TOLUENE RANGE:	Not detected to 7.8 µg/L (MW-7R)

DISSOLVED ETHYLBENZENE RANGE:	Not detected to 2,720 µg/L (MW-7R)
DISSOLVED XYLENES RANGE:	Not detected to 3,340 µg/L (MW-7R)
DISSOLVED MTBE RANGE:	2.4 µg/L to 4,640 µg/L (MW-21I)
DISSOLVED TPH-DRO RANGE:	Not detected (<54 µg/L) to 5,590 µg/L (MW-7R)
DISSOLVED TPH-GRO RANGE:	Not detected (<110 µg/L) to 28,000 µg/L (MW-7R)

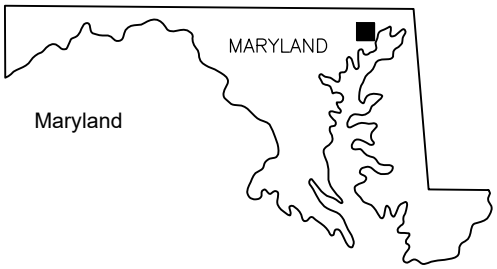
FUTURE ACTIVITIES:

During the Fourth Quarter of 2023, all monitoring wells will be gauged and the following wells will be sampled: MW-7R, MW-8, MW-9, MW-14, MW-15S/D, MW-16S/I/D, MW-17S/I/D, RW-18, RW-19, 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 and a potable sample from 2303 E. Churchville Road. The groundwater monitoring well samples will be analyzed for full suite volatile organic compounds (VOCs) via Environmental Protection Agency (EPA) Method 8260 and TPH-DRO and TPH-GRO via EPA Method 8015. The POET samples (influent, mid-fluent and effluent) from 1 Meadow Spring Drive and potable sample from 2303 E. Churchville Road will be analyzed for full suite VOCs via EPA Method 524.2. Global will continue to work with the resident at 1 Meadow Springs Drive to determine a date and plan to install a new potable well at this property. A work plan for additional delineation monitoring wells as requested by the MDE will be submitted under a separate cover.

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.

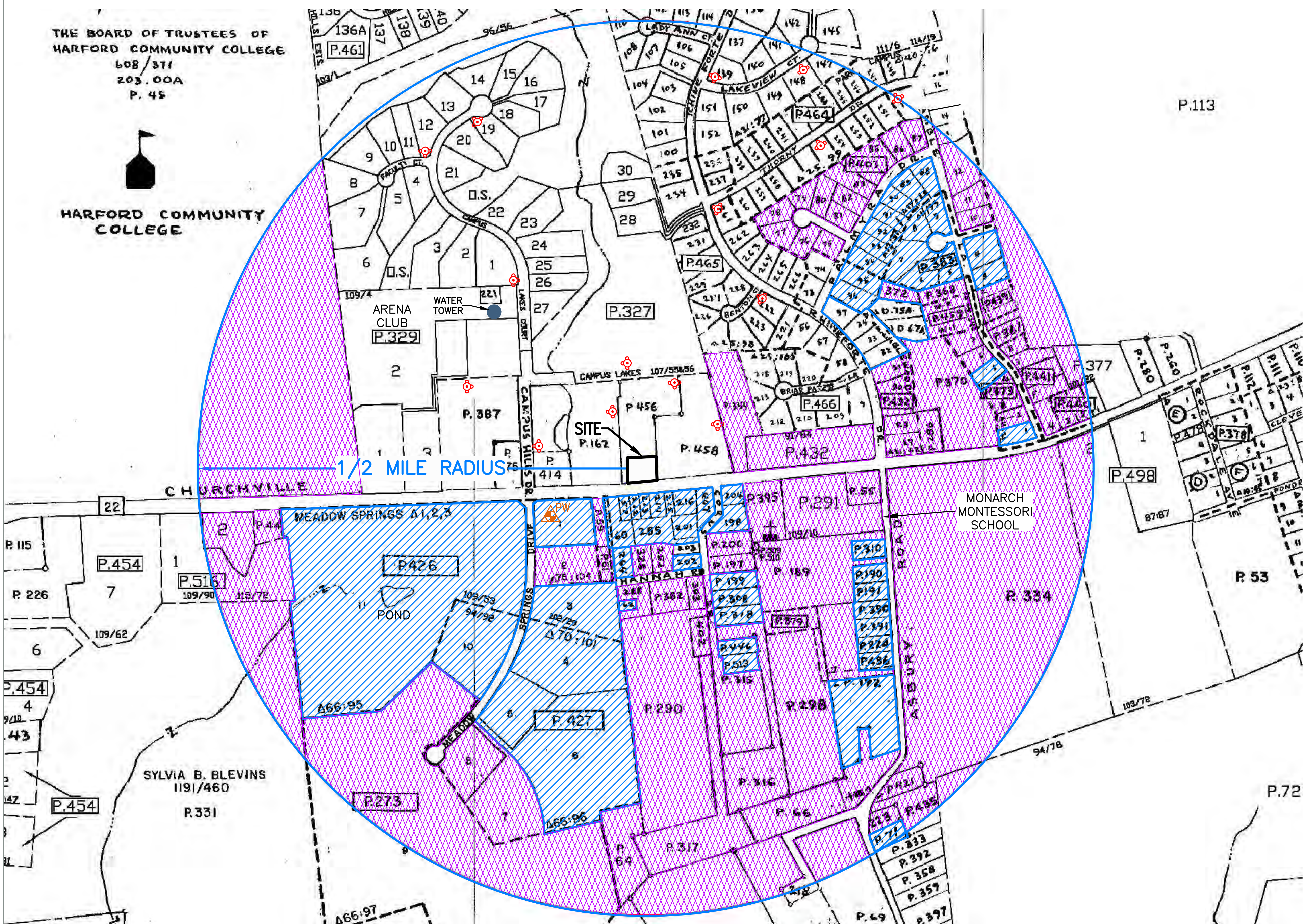
Date
04/11/18
Figure
1

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



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
J.S.
Approved
A.T.C

Date
07/11/23
Figure
3

Scale In Feet
0 (Approximate) 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
- 385.00 GROUNDWATER CONTOUR (feet)
- DASHED WHERE INFERRED

MW-7R	
DATE	08/31/23
GWEL	385.68
B	<4.3
T	7.8
E	**2,720**
X	3,340
M	<5.1
TPH-DRO	**5,590**
TPH-GRO	**28,000**

- 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	08/31/23
GWEL	381.33
B	**25.3**
T	<1.2
E	<1.5
X	<1.5
M	**959**
TPH-DRO	**85.3**
TPH-GRO	**1,020**

MW-21I	
DATE	08/31/23
GWEL	385.13
B	<8.5
T	<9.8
E	<12
X	<12
M	**4,640**
TPH-DRO	**<54**
TPH-GRO	**4,080**

MW-21D	
DATE	08/31/23
GWEL	387.98
B	<0.43
T	<0.49
E	<0.60
X	<0.59
M	**418**
TPH-DRO	**<55**
TPH-GRO	**464**

MW-21S	
DATE	08/31/23
GWEL	385.44
B	**9.6**
T	<2.0
E	<2.4
X	<2.4
M	**773**
TPH-DRO	**101**
TPH-GRO	**820**

MW-14	
DATE	08/31/23
GWEL	385.67
B	<0.43
T	<0.49
E	<0.60
X	<0.59
M	2.4
TPH-DRO	**<55**
TPH-GRO	**<110**

RW-19	
DATE	08/31/23
GWEL	384.95
NS	

RW-18	
DATE	08/31/23
GWEL	385.86
NS	

MW-9	
DATE	08/31/23
GWEL	385.04
NS	

MW-7R	
DATE	08/31/23
GWEL	385.68
B	<4.3
T	7.8
E	**2,720**
X	3,340
M	<5.1
TPH-DRO	**5,590**
TPH-GRO	**28,000**

MW-8	
DATE	08/31/23
GWEL	384.65
NS	

MW-15S	
DATE	08/31/23
GWEL	384.92
NS	

MW-15D	
DATE	08/31/23
GWEL	384.86
NS	

MW-16D	
DATE	08/31/23
GWEL	380.34
NS	

MW-16I	
DATE	08/31/23
GWEL	380.88
B	**29.1**
T	<9.8
E	<12
X	<12
M	**4,070**
TPH-DRO	**144**
TPH-GRO	**3,800**

MW-17I	
DATE	08/31/23
GWEL	377.34
NS	

MW-17D	
DATE	08/31/23
GWEL	375.89
NS	

MW-17S	
DATE	08/31/23
GWEL	377.09
NS	

MW-6, MW-9A, RW-2, MW-9, TF-2, MW-5, RW-1, RW-3, MW-7R, MW-2, MW-1, MW-11, RW-17, TF-1, MW-8, RW-20, MW/RW-12, MW-14, RW-19, MW/RW-10, RW-18, MW-21I, MW-21S, MW-21D, MW-16S, MW-16I, MW-16D, MW-15S, MW-15D, MW-17I, MW-17D, MW-17S, FORMER USTs, FORMER DISPENSER ISLANDS, 1 MEADOW SPRING DRIVE POTABLE WELL, 2203 CHURCHVILLE ROAD, Churchville Rd, Meadow Spring Dr, Hannah Dr, 384.00, 383.00, 382.00, 381.00, 380.00, 379.00, 378.00, 385.00

Groundwater Monitoring Map
August 31, 2023

Bel Air Xtra Fuels
2476 Churchville Road
Bel Air, Maryland

Drawn E.V.
Designed J.S.
Approved S.A.
Date 10/19/23
Figure 4

Scale In Feet
0 (Approximate) 80

GES
Groundwater & Environmental Services, Inc.

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												

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-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	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-

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	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**
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-7R	09/19/22	402.76	16.50	386.26	-	<4.3	8.2 J	**2,920**	1,900	<5.1	**3,600**	**13,800**
MW-7R	12/19/22	402.76	16.05	386.71	-	<2.1	<2.5	**2,100**	1,800	<2.5	**6,360**	**14,400**
MW-7R	02/28/23	402.76	14.60	388.16	-	<4.3	<4.9	**1,400**	1,500	<5.1	**4,270**	**14,400**
MW-7R	05/24/23	402.76	15.24	387.52	-	<4.3	<4.9	**1,960**	2,040	<5.1	**6,220**	**16,700**
MW-7R	08/31/23	402.76	17.08	385.68	-	<4.3	7.8	**2,720**	3,340	<5.1	**5,590**	**28,000**

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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-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**
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

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	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-8	09/19/22	401.13	15.90	385.23	-	NS	NS	NS	NS	NS	NS	NS
MW-8	12/19/22	401.13	15.37	385.76	-	<0.43	<.49	<0.60	<0.59	<0.51	**320**	**<110**
MW-8	02/28/23	401.13	14.05	387.08	-	NS	NS	NS	NS	NS	NS	NS
MW-8	05/24/23	401.13	14.55	386.58	-	NS	NS	NS	NS	NS	NS	NS
MW-8	08/31/23	401.13	16.48	384.65	-	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
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**

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Bel Air, Maryland

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Depth to Product (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	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	09/12/13	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-9	09/19/22	399.97	14.33	385.64	-	NS	NS	NS	NS	NS	NS	NS
MW-9	12/19/22	399.97	14.06	385.91	-	<0.43	<0.49	<0.60	<0.59	<0.51	**<59**	**<110**
MW-9	02/28/23	399.97	12.88	387.09	-	NS	NS	NS	NS	NS	NS	NS
MW-9	05/24/23	399.97	13.24	386.73	-	NS	NS	NS	NS	NS	NS	NS
MW-9	08/31/23	399.97	14.93	385.04	-	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**

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-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**
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												

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-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**
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**

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	09/19/22	400.45	13.94	386.51	-	<0.43	<0.49	<0.60	<0.59	3.8	**211**	**<110**
MW-14	12/19/22	400.45	13.90	386.55	-	<0.42	<0.49	<0.60	<0.59	2.4	**<55**	**<110**
MW-14	02/28/23	400.45	12.70	387.75	-	<0.43	<0.49	<0.60	<0.59	1.8	**<54**	**<110**
MW-14	05/24/23	400.45	13.03	387.42	-	<0.43	<0.49	<0.60	<0.59	2.0	**<53**	**<110**
MW-14	08/31/23	400.45	14.78	385.67	-	<0.43	<0.49	<0.60	<0.59	2.4	**<55**	**<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**
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-15D	09/19/22	401.88	16.42	385.46	-	NS	NS	NS	NS	NS	NS	NS
MW-15D	12/19/22	401.88	15.77	386.11	-	<0.43	<0.49	<0.60	<0.59	<0.51	**<59**	**<110**
MW-15D	02/28/23	401.88	14.47	387.41	-	NS	NS	NS	NS	NS	NS	NS
MW-15D	05/24/23	401.88	14.91	386.97	-	NS	NS	NS	NS	NS	NS	NS
MW-15D	08/31/23	401.88	17.02	384.86	-	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

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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-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
MW-15S	09/19/22	401.83	16.33	385.50	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	12/19/22	401.83	15.62	386.21	-	<0.43	<0.49	<0.60	<0.59	<0.51	**<53**	**<110**
MW-15S	02/28/23	401.83	14.30	387.53	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	05/24/23	401.83	14.75	387.08	-	NS	NS	NS	NS	NS	NS	NS
MW-15S	08/31/23	401.83	16.91	384.92	-	NS	NS	NS	NS	NS	NS	NS
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

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-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-16S	09/19/22	398.64	16.72	381.92	-	**38.0**	<2.5	<3.0	<3.0	**1,070**	**<55**	**1,230**
MW-16S	12/19/22	398.64	16.42	382.22	-	**31.4**	<2.5	<3.0	<3.0	**1,070**	**<55**	**1,230**
MW-16S	02/28/23	398.64	15.10	383.54	-	**35.7**	<2.5	<3.0	<3.0	**1,090**	**<54**	**1,440**
MW-16S	05/24/23	398.64	15.30	383.34	-	**22.4**	<0.49	<0.60	<0.59	**499**	**126**	**657**
MW-16S	08/31/23	398.64	17.31	381.33	-	**25.3**	<1.2	<1.5	<1.5	**959**	**85.3**	**1,020**
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**

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	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**
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-16I	09/19/22	398.13	16.62	381.51	-	**26.7**	<9.8	<12	<12	**3,410**	**322**	**3,780**
MW-16I	12/19/22	398.13	16.17	381.96	-	**20.7**	<2.5	<3.0	<3.0	**3,130**	**<53**	**3,490**
MW-16I	02/28/23	398.13	14.88	383.25	-	**9.9**	<9.8	<12	<12	**3,380**	**<54**	**3,920**
MW-16I	05/24/23	398.13	15.13	383.00	-	**9.7**	<4.9	<6	<5.9	**3,510**	**129**	**2,860**
MW-16I	08/31/23	398.13	17.25	380.88	-	**29.1**	<9.8	<12	<12	**4,070**	**144**	**3,800**
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

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-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	<0.59	**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
MW-16D	09/19/22	398.22	17.17	381.05	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	12/19/22	398.22	16.78	381.44	-	<0.43	<0.49	<0.60	<0.59	**293**	**<55**	**330**
MW-16D	02/28/23	398.22	15.40	382.82	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	05/24/23	398.22	15.77	382.45	-	NS	NS	NS	NS	NS	NS	NS
MW-16D	08/31/23	398.22	17.88	380.34	-	NS	NS	NS	NS	NS	NS	NS
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-17S	09/19/22	388.11	10.19	377.92	-	NS	NS	NS	NS	NS	NS	NS
MW-17S	12/19/22	388.11	8.93	379.18	-	<0.43	<0.49	<0.60	<0.59	<0.51	**<59**	**<110**

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	02/28/23	388.11	8.22	379.89	-	NS	NS	NS	NS	NS	NS	NS
MW-17S	05/24/23	388.11	9.48	378.63	-	<0.43	<0.49	<0.60	<0.59	<0.51	**<53**	**<110**
MW-17S	08/31/23	388.11	11.02	377.09	-	NS	NS	NS	NS	NS	NS	NS
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
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-17I	09/19/22	388.56	10.33	378.23	-	NS	NS	NS	NS	NS	NS	NS
MW-17I	12/19/22	388.56	9.56	379.00	-	<0.43	<0.49	<0.60	<0.59	<0.51	**<53**	**<110**
MW-17I	02/28/23	388.56	8.98	379.58	-	NS	NS	NS	NS	NS	NS	NS
MW-17I	05/24/23	388.56	9.77	378.79	-	<0.43	<0.49	<0.60	<0.59	<0.51	**<53**	**<110**
MW-17I	08/31/23	388.56	11.22	377.34		NS	NS	NS	NS	NS	NS	NS
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**

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-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-17D	09/19/22	388.54	22.42	366.12	-	NS	NS	NS	NS	NS	NS	NS
MW-17D	12/19/22	388.54	16.63	371.91	-	<0.43	<0.49	<0.60	<0.59	<0.51	**<53**	**<110**
MW-17D	02/28/23	388.54	13.95	374.59	-	NS	NS	NS	NS	NS	NS	NS
MW-17D	05/24/23	388.54	11.93	376.61	-	<0.43	<0.49	<0.60	<0.59	<0.51	**253**	**<110**
MW-17D	08/31/23	388.54	12.65	375.89		NS	NS	NS	NS	NS	NS	NS
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-21S	09/19/22	400.19	14.25	385.94	-	**11.7**	<2.5	<3.0	<3.0	**896**	**180**	**997**
MW-21S	12/19/22	400.19	14.20	385.99	-	**8.2**	<2.5	<3.0	<3.0	**603**	**217**	**762**
MW-21S	02/28/23	400.19	13.14	387.05	-	**7.7**	<2.0	<2.4	<2.4	**549**	**<54**	**796**
MW-21S	05/24/23	400.19	13.23	386.96	-	**9.3**	<0.49	<0.60	<0.59	**641**	**<53**	**687**
MW-21S	08/31/23	400.19	14.75	385.44		**9.6**	<2.0	<2.4	<2.4	**773**	**101**	**820**
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**
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-21I	09/19/22	400.03	13.85	386.18	-	**<8.5**	<9.8	<12	<12	**4,440**	**83**	**4,060**

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	12/19/22	400.03	14.23	385.80	-	<4.3	<4.9	<0.60	<0.59	**161**	**83.9**	**237**
MW-21I	02/28/23	400.03	13.90	386.13	-	**<8.5**	<9.8	<12	<12	**2,650**	**<55**	**3,190**
MW-21I	05/24/23	400.03	13.76	386.27	-	<4.3	<4.9	<6.0	<5.9	**4,000**	**104**	**3,350**
MW-21I	08/31/23	400.03	14.90	385.13	-	<8.5	<9.8	<12	<12	**4,640**	**<54**	**4,080**
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**
MW-21D	09/19/22	400.55	17.23	383.32	-	<0.43	<0.49	<0.60	<0.59	**398**	**319**	**475**
MW-21D	12/19/22	400.55	17.13	383.42	-	<0.43	<0.49	<0.60	<0.59	**337**	**<54**	**434**
MW-21D	02/28/23	400.55	13.47	387.08	-	<0.43	<0.49	<0.60	<0.59	**382**	**<55**	**519**
MW-21D	05/24/23	400.55	12.85	387.70	-	<0.43	<0.49	<0.60	<0.59	**396**	**<53**	**440**
MW-21D	08/31/23	400.55	12.57	387.98	-	<0.43	<0.49	<0.60	<0.59	**418**	**<55**	**464**
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												

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-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**
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-18	09/19/22	400.74	14.30	386.44	-	NS	NS	NS	NS	NS	NS	NS
RW-18	12/19/22	400.74	13.85	386.89	-	<0.43	<0.49	<0.60	<0.59	<0.51	**<59**	**<110**
RW-18	02/28/23	400.74	12.55	388.19	-	NS	NS	NS	NS	NS	NS	NS
RW-18	05/24/23	400.74	13.01	387.73	-	NS	NS	NS	NS	NS	NS	NS
RW-18	08/31/23	400.74	14.88	385.86	-	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**

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	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**
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-19	09/19/22	399.80	14.28	385.52	-	NS	NS	NS	NS	NS	NS	NS
RW-19	12/19/22	399.80	13.83	385.97	-	<0.43	<0.49	<0.60	<0.59	<0.51	**<53**	**<110**
RW-19	02/28/23	399.80	12.52	387.28	-	NS	NS	NS	NS	NS	NS	NS
RW-19	05/24/23	399.80	13.04	386.76	-	NS	NS	NS	NS	NS	NS	NS
RW-19	08/31/23	399.80	14.85	384.95	-	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**

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-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	-	-	-	-	-	-	-	-
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 2018).

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
<#	= Analyte not detected, method detection limit is given
TPH-DRO	= Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO	= Total Petroleum Hydrocarbons - Gasoline Range Organics
UST	= Underground storage tank
* 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

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.)	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
	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

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.)	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
	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
	09/19/2022	<0.16	<0.11	<0.076	<0.077	**481**	<0.31	6.7	1.6	0.38 J	12.8
	12/19/2022	0.39	<0.11	<0.076	<0.077	**443**	<0.31	266	1.6	0.28 J	12
	03/17/2023	<0.10	<0.10	<0.10	<0.10	**360**	<0.20	14 J	1.2	0.26 J	8.7
	05/24/2023	0.55	<0.11	<0.19	<0.16	**349**	<0.31	208	0.87	<0.25	8.3
	08/31/2023	**7.90**	<0.11	<0.19	<0.16	**588**	**0.82**	361	2.1	0.44	18.2
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

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.)	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
	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

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.)	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
	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

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.)	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
	09/19/2022	<0.16	<0.11	<0.076	<0.076	<0.11	<0.31	23.1	<0.10	<0.064	<0.13
	12/19/2022	<0.16	<0.11	<0.076	<0.076	<0.11	<0.31	77.7	<0.10	<0.064	<0.13
	03/31/2023	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<5.0	<0.10	<0.10	<0.10
	05/24/2023	<0.16	<0.11	<0.19	<0.16	<0.24	<0.31	3.4	<0.34	<0.25	<0.13
	05/24/2023	<0.16	<0.11	<0.19	<0.16	<0.24	<0.31	207	<0.34	<0.25	<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
	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

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.)	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
	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

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.)	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
	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

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.)	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
	09/19/2022	<0.16	<0.11	<0.076	<0.076	<0.11	<0.31	<2.5	<0.10	<0.064	<0.13
	12/19/2022	<0.16	<0.11	<0.76	<0.76	<0.11	<0.31	9.5	<0.10	<0.064	<0.13
	03/17/2023	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<5.0	<0.10	<0.10	<0.10
	05/24/2023	<0.16	<0.11	<0.19	<0.16	<0.24	<0.31	<2.5	<0.34	<0.25	<0.13
	08/31/2023	<0.16	<0.11	<0.19	<0.16	<0.24	<0.31	109	<0.34	<0.25	<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
						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

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	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
						12/20/22	<0.16	<0.11	<0.076	<0.076	0.21 J	<0.31	<2.5	<0.10	<0.064	<0.13
						05/24/23	<0.16	<0.11	<0.19	<0.16	<0.24	<0.31	<2.5	<0.34	<0.25	<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
						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

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	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
						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

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	09/05/19	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
						03/24/22	0.24	<0.11	<0.076	<0.076	**366**	<0.31	181	1.4	0.29 J	10.2
						06/20/22	0.28 J	<0.11	<0.076	<0.076	**270**	<0.31	83.5	1.1	0.20 J	7.5
						09/19/22	<0.16	<0.11	<0.076	<0.077	**481**	<0.31	6.7	1.6	0.38 J	12.8
						12/19/22	0.39	<0.11	<0.076	<0.077	**443**	<0.31	266	1.6	0.28 J	12
						03/17/23	0.39	<0.11	<0.10	<0.10	**360**	<0.31	14 J	1.2	0.26 J	8.7
						05/24/23	0.55	<0.11	<0.19	<0.19	**349**	<0.31	208	0.87	<0.25	8.3
						08/31/23	**7.90**	<0.11	<0.19	<0.19	**588**	**0.82**	361	2.1	0.44	18.2
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
						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

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 (cont.)	5 Meadow Springs Drive	64	200	28	16-38, 57-73, 171-179	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
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

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 cont.	10 Meadow Springs Drive cont,	103	250	12	20-56, 71-79, 85-91, 104-105, 129-131, 137-250	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

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

0403448-16-206; PO#Bill Direct to Drake 7805

SGS Job Number: JD72171

Sampling Date: 08/31/23

Report to:

Groundwater & Environmental Services

midatlantic@gesonline.com

ATTN: Denise Woodring

Total number of pages in report: 44

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 unless noted in the narrative, comments or footnotes.

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

Table of Contents

Sample Summary

Drake Petroleum Company, Inc.

Job No: JD72171

GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 0403448-16-206; PO#Bill Direct to Drake 7805

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD72171-1	08/31/23	14:20	JP	09/05/23	AQ	Ground Water	MW-7R
JD72171-2	08/31/23	11:00	JP	09/05/23	AQ	Ground Water	MW-14
JD72171-3	08/31/23	12:00	JP	09/05/23	AQ	Ground Water	MW-16S
JD72171-4	08/31/23	12:15	JP	09/05/23	AQ	Ground Water	MW-16I
JD72171-5	08/31/23	13:15	JP	09/05/23	AQ	Ground Water	MW-21S
JD72171-6	08/31/23	13:30	JP	09/05/23	AQ	Ground Water	MW-21I
JD72171-7	08/31/23	13:45	JP	09/05/23	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: JD72171
Account: Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 08/31/23

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD72171-1	**MW-7R**					
n-Butylbenzene [a]		26.0	20	5.2	ug/l	SW846 8260D
sec-Butylbenzene [a]		17.4 J	20	6.2	ug/l	SW846 8260D
Chloroform		51.6 J	100	50	ug/l	SW846 8260D
Ethylbenzene		2720	100	60	ug/l	SW846 8260D
Isopropylbenzene [a]		143	10	6.5	ug/l	SW846 8260D
p-Isopropyltoluene [a]		10 J	20	6.6	ug/l	SW846 8260D
Naphthalene [a]		646	50	44	ug/l	SW846 8260D
n-Propylbenzene [a]		282	20	6.0	ug/l	SW846 8260D
Toluene [a]		7.8 J	10	4.9	ug/l	SW846 8260D
1,2,4-Trimethylbenzene		2460	200	100	ug/l	SW846 8260D
1,3,5-Trimethylbenzene [a]		481	20	10	ug/l	SW846 8260D
m,p-Xylene [a]		3280	10	7.8	ug/l	SW846 8260D
o-Xylene [a]		62.1	10	5.9	ug/l	SW846 8260D
Xylene (total) [a]		3340	10	5.9	ug/l	SW846 8260D
TPH-GRO (C6-C10)		28.0	0.20	0.11	mg/l	SW846 8015D
TPH-DRO (C10-C28) [b]		5.59	0.083	0.053	mg/l	SW846 8015D
JD72171-2	**MW-14**					
Methyl Tert Butyl Ether		2.4	1.0	0.51	ug/l	SW846 8260D
TPH-DRO (C10-C28) [b]		0.119	0.086	0.055	mg/l	SW846 8015D
JD72171-3	**MW-16S**					
Benzene [a]		25.3	1.3	1.1	ug/l	SW846 8260D
Di-Isopropyl ether [a]		4.4 J	5.0	1.7	ug/l	SW846 8260D
Methyl Tert Butyl Ether		959	25	13	ug/l	SW846 8260D
Tert Butyl Alcohol [a]		1010	25	15	ug/l	SW846 8260D
tert-Amyl Methyl Ether [a]		21.2	5.0	2.1	ug/l	SW846 8260D
TPH-GRO (C6-C10)		1.02	0.20	0.11	mg/l	SW846 8015D
TPH-DRO (C10-C28) [b]		0.0853	0.083	0.053	mg/l	SW846 8015D
JD72171-4	**MW-16I**					
Benzene [a]		29.1	10	8.5	ug/l	SW846 8260D
Di-Isopropyl ether [a]		15.3 J	40	14	ug/l	SW846 8260D
Methyl Tert Butyl Ether		4070	200	100	ug/l	SW846 8260D
Tert Butyl Alcohol [a]		2360	200	120	ug/l	SW846 8260D
tert-Amyl Methyl Ether [a]		95.3	40	17	ug/l	SW846 8260D
TPH-GRO (C6-C10)		3.80	0.20	0.11	mg/l	SW846 8015D
TPH-DRO (C10-C28) [b]		0.144	0.083	0.053	mg/l	SW846 8015D

Summary of Hits

Job Number: JD72171
Account: Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 08/31/23

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD72171-5	**MW-21S**					
Benzene [a]		9.6	2.0	1.7	ug/l	SW846 8260D
Di-Isopropyl ether [a]		3.4 J	8.0	2.7	ug/l	SW846 8260D
Methyl Tert Butyl Ether		773	50	25	ug/l	SW846 8260D
Tert Butyl Alcohol [a]		753	40	23	ug/l	SW846 8260D
tert-Amyl Methyl Ether [a]		18.9	8.0	3.4	ug/l	SW846 8260D
TPH-GRO (C6-C10)		0.820	0.20	0.11	mg/l	SW846 8015D
TPH-DRO (C10-C28) [b]		0.101	0.083	0.053	mg/l	SW846 8015D
JD72171-6	**MW-21I**					
Di-Isopropyl ether [a]		17.6 J	40	14	ug/l	SW846 8260D
Methyl Tert Butyl Ether		4640	200	100	ug/l	SW846 8260D
Tert Butyl Alcohol [a]		1280	200	120	ug/l	SW846 8260D
tert-Amyl Methyl Ether [a]		115	40	17	ug/l	SW846 8260D
TPH-GRO (C6-C10)		4.08	0.20	0.11	mg/l	SW846 8015D
JD72171-7	**MW-21D**					
Di-Isopropyl ether		2.1	2.0	0.68	ug/l	SW846 8260D
Methyl Tert Butyl Ether		418	10	5.1	ug/l	SW846 8260D
tert-Amyl Methyl Ether		9.1	2.0	0.85	ug/l	SW846 8260D
TPH-GRO (C6-C10)		0.464	0.20	0.11	mg/l	SW846 8015D

(a) Dilution required due to high concentration of target compound.
(b) MB spike due to analytical spiking error. Samples re-extracted outside of holding time for confirmation.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-7R		
Lab Sample ID:	JD72171-1	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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]	2K10586.D	10	09/06/23 20:30	JN	n/a	n/a	V2K303
Run #2	2J5715.D	100	09/07/23 17:15	JN	n/a	n/a	V2J190

	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	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 [b]	ND	20	16	ug/l	
78-93-3	2-Butanone (MEK)	ND	100	27	ug/l	
104-51-8	n-Butylbenzene	26.0	20	5.2	ug/l	
135-98-8	sec-Butylbenzene	17.4	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 [b]	ND	10	7.3	ug/l	
67-66-3	Chloroform	ND	10	5.0	ug/l	
67-66-3	Chloroform	51.6 [c]	100	50	ug/l	J
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	

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:	JD72171-1	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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
78-87-5	1,2-Dichloropropane	ND	10	5.1	ug/l	
142-28-9	1,3-Dichloropropane	ND	10	8.9	ug/l	
594-20-7	2,2-Dichloropropane	ND	10	5.2	ug/l	
563-58-6	1,1-Dichloropropene [d]	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	2720 [c]	100	60	ug/l	
87-68-3	Hexachlorobutadiene	ND	20	5.4	ug/l	
98-82-8	Isopropylbenzene	143	10	6.5	ug/l	
99-87-6	p-Isopropyltoluene	10	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	49	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	646	50	44	ug/l	
103-65-1	n-Propylbenzene	282	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	8.5	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	5.6	ug/l	
108-88-3	Toluene	7.8	10	4.9	ug/l	J
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 [d]	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	2460 [c]	200	100	ug/l	
108-67-8	1,3,5-Trimethylbenzene	481	20	10	ug/l	
75-01-4	Vinyl chloride [b]	ND	10	5.2	ug/l	
	m,p-Xylene	3280	10	7.8	ug/l	
95-47-6	o-Xylene	62.1	10	5.9	ug/l	
1330-20-7	Xylene (total)	3340	10	5.9	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-7R		
Lab Sample ID:	JD72171-1	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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
1868-53-7	Dibromofluoromethane	109%	96%	80-120%
17060-07-0	1,2-Dichloroethane-D4	99%	92%	80-120%
2037-26-5	Toluene-D8	88%	82%	80-120%
460-00-4	4-Bromofluorobenzene	88%	95%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits high, sample was ND.
(c) Result is from Run# 2
(d) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

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

Report of Analysis

Client Sample ID:	MW-7R		
Lab Sample ID:	JD72171-1	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	KM1242.D	1	09/07/23 18:21	JL	n/a	n/a	GKM42
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	28.0	0.20	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	109%		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-7R		
Lab Sample ID:	JD72171-1	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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 [a]	AZ2512.D	1	09/07/23 21:50	TL	09/07/23 12:00	OP48960	GAZ103
Run #2 [b]	AZ2538.D	1	09/12/23 01:27	TL	09/11/23 09:15	OP48996	GAZ104

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

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	5.59	0.083	0.053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	21%	22%	10-112%
438-22-2	5a-Androstane	10%	13%	10-98%

(a) MB spike due to analytical spiking error. Samples re-extracted outside of holding time for confirmation.
(b) Sample extracted outside the holding time. Confirmation run.

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:	JD72171-2	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	1K10585.D	1	09/06/23 20:13	JN	n/a	n/a	V1K303
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 [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	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 [b]	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:	JD72171-2	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	0.89	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	2.4	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	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	4.4	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	0.85	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	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	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 [b]	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	0.52	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	115%		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:	JD72171-2	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	103%		80-120%
2037-26-5	Toluene-D8	89%		80-120%
460-00-4	4-Bromofluorobenzene	107%		82-114%

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(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:	JD72171-2	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	KM1194.D	1	09/06/23 14:44	JL	n/a	n/a	GKM40
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	99%		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:	JD72171-2	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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 [a]	AZ2513.D	1	09/07/23 22:16	TL	09/07/23 12:00	OP48960	GAZ103
Run #2 [b]	AZ2532.D	1	09/11/23 22:51	TL	09/11/23 09:15	OP48996	GAZ104

	Initial Volume	Final Volume
Run #1	290 ml	1.0 ml
Run #2	300 ml	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.119	0.086	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	40%	32%	10-112%
438-22-2	5a-Androstane	19%	18%	10-98%

(a) MB spike due to analytical spiking error. Samples re-extracted outside of holding time for confirmation.
(b) Sample extracted outside the holding time. Confirmation run.

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:	JD72171-3	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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]	1K10587.D	2.5	09/06/23 20:47	JN	n/a	n/a	V1K303
Run #2	2J5713.D	25	09/07/23 16:39	JN	n/a	n/a	V2J190

	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	25	7.6	ug/l	
71-43-2	Benzene	25.3	1.3	1.1	ug/l	
108-86-1	Bromobenzene	ND	2.5	1.4	ug/l	
74-97-5	Bromochloromethane	ND	2.5	1.2	ug/l	
75-27-4	Bromodichloromethane	ND	2.5	1.1	ug/l	
75-25-2	Bromoform	ND	2.5	1.6	ug/l	
74-83-9	Bromomethane [b]	ND	5.0	4.1	ug/l	
78-93-3	2-Butanone (MEK)	ND	25	6.8	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	1.3	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	1.6	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	1.7	ug/l	
56-23-5	Carbon tetrachloride	ND	2.5	1.4	ug/l	
108-90-7	Chlorobenzene	ND	2.5	1.4	ug/l	
75-00-3	Chloroethane [c]	ND	2.5	1.8	ug/l	
67-66-3	Chloroform	ND	2.5	1.3	ug/l	
74-87-3	Chloromethane	ND	2.5	1.9	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	1.6	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	1.5	ug/l	
108-20-3	Di-Isopropyl ether	4.4	5.0	1.7	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/l	
124-48-1	Dibromochloromethane	ND	2.5	1.4	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.5	1.2	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	2.5	1.3	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	2.5	1.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	2.5	1.3	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.5	1.4	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.5	1.5	ug/l	
75-35-4	1,1-Dichloroethene	ND	2.5	1.5	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	1.3	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	1.3	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.5	1.3	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:	JD72171-3	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	2.5	2.2	ug/l	
594-20-7	2,2-Dichloropropane	ND	2.5	1.3	ug/l	
563-58-6	1,1-Dichloropropene	ND	2.5	1.1	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	1.2	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	1.1	ug/l	
100-41-4	Ethylbenzene	ND	2.5	1.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	1.3	ug/l	
98-82-8	Isopropylbenzene	ND	2.5	1.6	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	1.6	ug/l	
1634-04-4	Methyl Tert Butyl Ether	959 [d]	25	13	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	13	12	ug/l	
74-95-3	Methylene bromide	ND	2.5	1.2	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/l	
91-20-3	Naphthalene	ND	13	11	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	1.5	ug/l	
100-42-5	Styrene	ND	2.5	1.2	ug/l	
75-65-0	Tert Butyl Alcohol	1010	25	15	ug/l	
994-05-8	tert-Amyl Methyl Ether	21.2	5.0	2.1	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	1.4	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	1.5	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	1.6	ug/l	
127-18-4	Tetrachloroethene	ND	2.5	1.4	ug/l	
108-88-3	Toluene	ND	2.5	1.2	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	1.3	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.5	1.3	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.5	1.3	ug/l	
79-01-6	Trichloroethene	ND	2.5	1.3	ug/l	
75-69-4	Trichlorofluoromethane [c]	ND	5.0	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.7	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	2.5	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	2.5	ug/l	
75-01-4	Vinyl chloride	ND	2.5	1.3	ug/l	
	m,p-Xylene	ND	2.5	2.0	ug/l	
95-47-6	o-Xylene	ND	2.5	1.5	ug/l	
1330-20-7	Xylene (total)	ND	2.5	1.5	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	115%	98%	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:	JD72171-3	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	97%	92%	80-120%
2037-26-5	Toluene-D8	97%	82%	80-120%
460-00-4	4-Bromofluorobenzene	91%	97%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(c) Associated CCV outside of control limits high, sample was ND.
(d) Result is from Run# 2

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

Report of Analysis

Client Sample ID: MW-16S
Lab Sample ID: JD72171-3 **Date Sampled:** 08/31/23
Matrix: AQ - Ground Water **Date Received:** 09/05/23
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	KM1236.D	1	09/07/23 15:43	JL	n/a	n/a	GKM42
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1.02	0.20	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		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:	JD72171-3	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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 [a]	AZ2514.D	1	09/07/23 22:43	TL	09/07/23 12:00	OP48960	GAZ103
Run #2 [b]	AZ2539.D	1	09/12/23 01:53	TL	09/11/23 09:15	OP48996	GAZ104

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

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.0853	0.083	0.053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	30%	1% [c]	10-112%
438-22-2	5a-Androstane	11%	0% [c]	10-98%

(a) MB spike due to analytical spiking error. Samples re-extracted outside of holding time for confirmation.
(b) Sample extracted outside the holding time. Confirmation run.
(c) Outside of in house control limits.

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

Report of Analysis

Client Sample ID:	MW-16I		
Lab Sample ID:	JD72171-4	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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]	2K10582.D	20	09/06/23 19:23	JN	n/a	n/a	V2K303
Run #2	1J5714.D	200	09/07/23 16:55	JN	n/a	n/a	V1J190

	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	200	61	ug/l	
71-43-2	Benzene	29.1	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 [b]	ND	40	33	ug/l	
78-93-3	2-Butanone (MEK)	ND	200	55	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 [b]	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	15.3	40	14	ug/l	J
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:	JD72171-4	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	18	ug/l	
594-20-7	2,2-Dichloropropane	ND	20	10	ug/l	
563-58-6	1,1-Dichloropropene [c]	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	4070 [d]	200	100	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	100	97	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	87	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	2360	200	120	ug/l	
994-05-8	tert-Amyl Methyl Ether	95.3	40	17	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	11	ug/l	
108-88-3	Toluene	ND	20	9.8	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 [c]	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 [b]	ND	20	10	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	112%	98%	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:	JD72171-4	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	101%	92%	80-120%
2037-26-5	Toluene-D8	98%	83%	80-120%
460-00-4	4-Bromofluorobenzene	84%	98%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits high, sample was ND.
(c) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(d) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	MW-16I		
Lab Sample ID:	JD72171-4	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	KM1237.D	1	09/07/23 16:09	JL	n/a	n/a	GKM42
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	3.80	0.20	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	94%		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: JD72171-4 **Date Sampled:** 08/31/23
Matrix: AQ - Ground Water **Date Received:** 09/05/23
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 [a]	AZ2518.D	1	09/08/23 00:27	TL	09/07/23 12:00	OP48960	GAZ103
Run #2 [b]	AZ2533.D	1	09/11/23 23:17	TL	09/11/23 09:15	OP48996	GAZ104

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

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.144	0.083	0.053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	70%	41%	10-112%
438-22-2	5a-Androstane	41%	31%	10-98%

(a) MB spike due to analytical spiking error. Samples re-extracted outside of holding time for confirmation.
(b) Sample extracted outside the holding time. Confirmation run.

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

Report of Analysis

Client Sample ID: MW-21S
Lab Sample ID: JD72171-5 **Date Sampled:** 08/31/23
Matrix: AQ - Ground Water **Date Received:** 09/05/23
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]	2K10588.D	4	09/06/23 21:03	JN	n/a	n/a	V2K303
Run #2	1J5716.D	50	09/07/23 17:32	JN	n/a	n/a	V1J190

	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	9.6	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 [b]	ND	8.0	6.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	40	11	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 [b]	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	3.4	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:	JD72171-5	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	3.6	ug/l	
594-20-7	2,2-Dichloropropane	ND	4.0	2.1	ug/l	
563-58-6	1,1-Dichloropropene [c]	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	773 [d]	50	25	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	20	19	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	17	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	753	40	23	ug/l	
994-05-8	tert-Amyl Methyl Ether	18.9	8.0	3.4	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	2.2	ug/l	
108-88-3	Toluene	ND	4.0	2.0	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 [c]	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 [b]	ND	4.0	2.1	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	113%	98%	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:	JD72171-5	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	99%	93%	80-120%
2037-26-5	Toluene-D8	98%	84%	80-120%
460-00-4	4-Bromofluorobenzene	91%	97%	82-114%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits high, sample was ND.
(c) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(d) 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:	JD72171-5	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	KM1197.D	1	09/06/23 16:00	JL	n/a	n/a	GKM40
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.820	0.20	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	98%		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: JD72171-5 **Date Sampled:** 08/31/23
Matrix: AQ - Ground Water **Date Received:** 09/05/23
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 [a]	AZ2519.D	1	09/08/23 00:53	TL	09/07/23 12:00	OP48960	GAZ103
Run #2 [b]	AZ2540.D	1	09/12/23 02:19	TL	09/11/23 09:15	OP48996	GAZ104

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

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.101	0.083	0.053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	34%	36%	10-112%
438-22-2	5a-Androstane	11%	11%	10-98%

(a) MB spike due to analytical spiking error. Samples re-extracted outside of holding time for confirmation.
(b) Sample extracted outside the holding time. Confirmation run.

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

Report of Analysis

Client Sample ID:	MW-21I		
Lab Sample ID:	JD72171-6	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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]	1J5728.D	20	09/07/23 21:09	JN	n/a	n/a	V1J190
Run #2	2S004357.D	200	09/08/23 11:51	LD	n/a	n/a	V2S119

	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	200	61	ug/l	
71-43-2	Benzene	ND	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	55	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	17.6	40	14	ug/l	J
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-21I		
Lab Sample ID:	JD72171-6	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	18	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	4640 [c]	200	100	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	100	97	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	87	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	1280	200	120	ug/l	
994-05-8	tert-Amyl Methyl Ether	115	40	17	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 [b]	ND	20	13	ug/l	
127-18-4	Tetrachloroethene	ND	20	11	ug/l	
108-88-3	Toluene	ND	20	9.8	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 [d]	ND	20	10	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	99%	111%	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-21I		
Lab Sample ID:	JD72171-6	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	92%	95%	80-120%
2037-26-5	Toluene-D8	83%	98%	80-120%
460-00-4	4-Bromofluorobenzene	96%	90%	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) Result is from Run# 2
(d) 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-21I
Lab Sample ID: JD72171-6 **Date Sampled:** 08/31/23
Matrix: AQ - Ground Water **Date Received:** 09/05/23
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	KM1241.D	1	09/07/23 17:55	JL	n/a	n/a	GKM42
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	4.08	0.20	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	93%		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-21I		
Lab Sample ID:	JD72171-6	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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 [a]	AZ2520.D	1	09/08/23 01:19	TL	09/07/23 12:00	OP48960	GAZ103
Run #2 [b]	AZ2534.D	1	09/11/23 23:43	TL	09/11/23 09:15	OP48996	GAZ104

	Initial Volume	Final Volume
Run #1	295 ml	1.0 ml
Run #2	300 ml	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.085	0.054	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	35%	43%	10-112%
438-22-2	5a-Androstane	13%	29%	10-98%

(a) MB spike due to analytical spiking error. Samples re-extracted outside of holding time for confirmation.
(b) Sample extracted outside the holding time. Confirmation run.

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: JD72171-7
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Date Sampled: 08/31/23
Date Received: 09/05/23
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1J5730.D	1	09/07/23 21:45	JN	n/a	n/a	V1J190
Run #2	1S004358.D	10	09/08/23 12:04	LD	n/a	n/a	V1S119

	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 [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	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	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	2.1	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-21D
Lab Sample ID: JD72171-7 **Date Sampled:** 08/31/23
Matrix: AQ - Ground Water **Date Received:** 09/05/23
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	0.89	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	418 [b]	10	5.1	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	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	4.4	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	9.1	2.0	0.85	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	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	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 [c]	ND	1.0	0.52	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	100%	112%	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:	JD72171-7	**Date Sampled:**	08/31/23
Matrix:	AQ - Ground Water	**Date Received:**	09/05/23
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	90%	94%	80-120%
2037-26-5	Toluene-D8	83%	99%	80-120%
460-00-4	4-Bromofluorobenzene	96%	89%	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) Result is from Run# 2
(c) 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-21D
Lab Sample ID: JD72171-7 **Date Sampled:** 08/31/23
Matrix: AQ - Ground Water **Date Received:** 09/05/23
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	KM1196.D	1	09/06/23 15:35	JL	n/a	n/a	GKM40
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.464	0.20	0.11	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
98-08-8	aaa-Trifluorotoluene	96%		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: JD72171-7 **Date Sampled:** 08/31/23
Matrix: AQ - Ground Water **Date Received:** 09/05/23
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 [a]	AZ2521.D	1	09/08/23 01:45	TL	09/07/23 12:00	OP48960	GAZ103
Run #2 [b]	AZ2541.D	1	09/12/23 02:44	TL	09/11/23 09:15	OP48996	GAZ104

	Initial Volume	Final Volume
Run #1	290 ml	1.0 ml
Run #2	300 ml	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.086	0.055	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	36%	42%	10-112%
438-22-2	5a-Androstane	11%	28%	10-98%

(a) MB spike due to analytical spiking error. Samples re-extracted outside of holding time for confirmation.
(b) Sample extracted outside the holding time. Confirmation run.

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS ACCUTEST

CHAIN OF CUSTODY

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

PAGE 1 OF 1

FED-EX Tracking #:
Bottle Order Control #: VP-081423-159
SGS Accutest Quote #:
SGS Accutest Job #: JD72171

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 # / Fax #: 800-220-3606x3703 / 410-721-3733
Sampler(s) Name(s) / Phone #: Jeff Plummer

Project Information

Project Name: Drake Bel Air Xtramart #7805
Street: 2476 Churchville Road
City / State: Bel Air / MD
Project #: 0403448-16-206
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)

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	8260 Full Suite VOCs including fuel oxygenates & naphthalene	8015 TPH-DRO	8015 TPH-GRO	LAB USE ONLY
1	MW-7R		8/31/23	14:20	JP	GW	7	5				2				X	X	X	
2	MW-14		8/31/23	11:00	Jp	GW	7	5				2				X	X	X	
3	MW-16S		8/31/23	12:00	Jp	GW	7	5				2				X	X	X	
4	MW-16I		8/31/23	12:15	JP	GW	7	5				2				X	X	X	
5	MW-21S		8/31/23	13:15	JP	GW	7	5				2				X	X	X	
6	MW-21I		8/31/23	13:30	JP	GW	7	5				2				X	X	X	
7	MW-21D		8/31/23	13:45	JP	GW	7	5				2				X	X	X	

Initial Assessment: 3A 5p
Label Verification

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

migatlantic@gesonline.com
ges@gesonline.com
2X300

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: 1	Date Time: 8/31/23 0800	Received By: 1	Relinquished By: 2	Date Time: 9/5/23 1040	Received By: 2		
Relinquished by Sampler: 3	Date Time: 9/5/23 4:45	Received By: 3	Relinquished By: 4	Date Time: 9/5/23 16:45	Received By: 4		
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Intact / Not Intact	Preserved where applicable	On Ice	Cooler Temp: 0.9°C IR40

4.1 4

SGS Sample Receipt Summary

Job Number: JD72171 **Client:** GROUNDWATER & ENVIRONMENTAL S **Project:** GESMD: PC # 007805 BEL AIR XTRA FUE

Date / Time Received: 9/5/2023 4:45:00 PM **Delivery Method:** DROP OFF **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (0.9);

Cooler Temps (Corrected) °C: Cooler 1: (0.6);

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 40		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservatio	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

JD72171: 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

0403448-16-209; PO#Bill Direct to Drake 7805

SGS Job Number: JD72170

Sampling Date: 08/31/23

Report to:

Groundwater & Environmental Services

midatlantic@gesonline.com

ATTN: Denise Woodring

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 unless noted in the narrative, comments or footnotes.

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

Table of Contents

Sample Summary

Drake Petroleum Company, Inc.

Job No: JD72170

GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Project No: 0403448-16-209; PO#Bill Direct to Drake 7805

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD72170-1	08/31/23	10:30	JP	09/05/23	DW	Drinking Water Eff	1MS-EFF
JD72170-2	08/31/23	10:35	JP	09/05/23	DW	Drinking Water	1MS-MID2
JD72170-3	08/31/23	10:40	JP	09/05/23	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: JD72170
Account: Drake Petroleum Company, Inc.
Project: GESMD: PC # 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD
Collected: 08/31/23

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD72170-1	**1MS-EFF**					
Tertiary Butyl Alcohol		109	5.0	2.5	ug/l	EPA 524.2 REV 4.1
JD72170-2	**1MS-MID2**					
Tertiary Butyl Alcohol		207	5.0	2.5	ug/l	EPA 524.2 REV 4.1
JD72170-3	**1MS-INF**					
Benzene		7.9	0.50	0.16	ug/l	EPA 524.2 REV 4.1
sec-Butylbenzene		0.21 J	0.50	0.15	ug/l	EPA 524.2 REV 4.1
Di-Isopropyl ether		2.1	0.50	0.34	ug/l	EPA 524.2 REV 4.1
Ethyl tert Butyl Ether		0.44 J	0.50	0.25	ug/l	EPA 524.2 REV 4.1
Isopropylbenzene		0.22 J	0.50	0.14	ug/l	EPA 524.2 REV 4.1
Methylene chloride		0.38 J	0.50	0.37	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		588	5.0	2.4	ug/l	EPA 524.2 REV 4.1
Naphthalene [a]		0.82	0.50	0.31	ug/l	EPA 524.2 REV 4.1
tert-Amyl Methyl Ether		18.2	0.50	0.13	ug/l	EPA 524.2 REV 4.1
1,2,4-Trimethylbenzene		0.15 J	0.50	0.15	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		361	50	25	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		7.94 J			ug/l	

(a) Associated CCV outside of control limits high.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: 1MS-EFF
Lab Sample ID: JD72170-1 **Date Sampled:** 08/31/23
Matrix: DW - Drinking Water Eff **Date Received:** 09/05/23
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	1B135630.D	1	09/07/23 21:59	BK	n/a	n/a	V1B6577
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 [a]	ND		0.50	0.24	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 [a]	ND		0.50	0.27	ug/l	
74-83-9	Bromomethane	ND		0.50	0.38	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	100	0.50	0.23	ug/l	
75-00-3	Chloroethane	ND		0.50	0.28	ug/l	
67-66-3	Chloroform	ND		0.50	0.37	ug/l	
74-87-3	Chloromethane	ND		0.50	0.28	ug/l	
95-49-8	o-Chlorotoluene [a]	ND		0.50	0.24	ug/l	
106-43-4	p-Chlorotoluene [a]	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-chloropropan [a]	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 [b]	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 [a]	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:	JD72170-1	**Date Sampled:**	08/31/23
Matrix:	DW - Drinking Water Eff	**Date Received:**	09/05/23
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 [a]	ND	600	0.50	0.14	ug/l	
106-46-7	p-Dichlorobenzene [a]	ND	75	0.50	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.48	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	0.34	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.19	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.25	ug/l	
87-68-3	Hexachlorobutadiene [a]	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.2	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	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone [a]	ND		2.0	0.48	ug/l	
91-20-3	Naphthalene [a]	ND		0.50	0.31	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.39	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 [a]	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 [a]	ND		0.50	0.20	ug/l	
96-18-4	1,2,3-Trichloropropane [a]	ND		0.50	0.13	ug/l	
120-82-1	1,2,4-Trichlorobenzene [a]	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	109		5.0	2.5	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.38	ug/l	
	m,p-Xylene [a]	ND		0.50	0.38	ug/l	
95-47-6	o-Xylene [a]	ND		0.50	0.16	ug/l	
1330-20-7	Xylenes (total) [a]	ND	10000	0.50	0.16	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:	JD72170-1	**Date Sampled:**	08/31/23
Matrix:	DW - Drinking Water Eff	**Date Received:**	09/05/23
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	100%		70-130%
460-00-4	4-Bromofluorobenzene	95%		70-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	9.00	.83	ug/l	J
	Total TIC, Volatile		0	ug/l	

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(b) 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: JD72170-2 **Date Sampled:** 08/31/23
Matrix: DW - Drinking Water **Date Received:** 09/05/23
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	1B135660.D	1	09/12/23 13:24	BK	n/a	n/a	V1B6580
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	0.24	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 [a]	ND		0.50	0.27	ug/l	
74-83-9	Bromomethane [a]	ND		0.50	0.38	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	100	0.50	0.23	ug/l	
75-00-3	Chloroethane [a]	ND		0.50	0.28	ug/l	
67-66-3	Chloroform	ND		0.50	0.37	ug/l	
74-87-3	Chloromethane	ND		0.50	0.28	ug/l	
95-49-8	o-Chlorotoluene [b]	ND		0.50	0.24	ug/l	
106-43-4	p-Chlorotoluene [b]	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-chloropropan [b]	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 [a]	ND		0.50	0.37	ug/l	
541-73-1	m-Dichlorobenzene [b]	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: JD72170-2 **Date Sampled:** 08/31/23
Matrix: DW - Drinking Water **Date Received:** 09/05/23
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 [b]	ND	600	0.50	0.14	ug/l	
106-46-7	p-Dichlorobenzene [a]	ND	75	0.50	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.48	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	0.34	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.19	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.25	ug/l	
87-68-3	Hexachlorobutadiene [b]	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.2	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	0.24	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.48	ug/l	
91-20-3	Naphthalene [b]	ND		0.50	0.31	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.39	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 [a]	ND		0.50	0.20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.13	ug/l	
120-82-1	1,2,4-Trichlorobenzene [a]	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 [a]	ND		1.0	0.19	ug/l	
75-65-0	Tertiary Butyl Alcohol	207		5.0	2.5	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.38	ug/l	
	m,p-Xylene [a]	ND		0.50	0.38	ug/l	
95-47-6	o-Xylene [a]	ND		0.50	0.16	ug/l	
1330-20-7	Xylenes (total) [c]	ND	10000	0.50	0.16	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:	JD72170-2	**Date Sampled:**	08/31/23
Matrix:	DW - Drinking Water	**Date Received:**	09/05/23
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	105%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

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

(a) Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC criteria bias high.
(b) Associated CCV outside of control limits high, sample was ND.
(c) Associated CCV outside of control limits high, sample was ND. 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: JD72170-3 **Date Sampled:** 08/31/23
Matrix: DW - Drinking Water Inf **Date Received:** 09/05/23
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	1B135661.D	1	09/12/23 13:55	BK	n/a	n/a	V1B6580
Run #2	1B135665.D	10	09/12/23 16:00	BK	n/a	n/a	V1B6580

	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	7.9	5.0	0.50	0.16	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.24	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 [a]	ND		0.50	0.27	ug/l	
74-83-9	Bromomethane [a]	ND		0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.17	ug/l	
135-98-8	sec-Butylbenzene	0.21		0.50	0.15	ug/l	J
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	100	0.50	0.23	ug/l	
75-00-3	Chloroethane [a]	ND		0.50	0.28	ug/l	
67-66-3	Chloroform	ND		0.50	0.37	ug/l	
74-87-3	Chloromethane	ND		0.50	0.28	ug/l	
95-49-8	o-Chlorotoluene [b]	ND		0.50	0.24	ug/l	
106-43-4	p-Chlorotoluene [b]	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-chloropropan [b]	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 [a]	ND		0.50	0.37	ug/l	
541-73-1	m-Dichlorobenzene [b]	ND		0.50	0.14	ug/l	

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

Report of Analysis

Client Sample ID: 1MS-INF
Lab Sample ID: JD72170-3 **Date Sampled:** 08/31/23
Matrix: DW - Drinking Water Inf **Date Received:** 09/05/23
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 [b]	ND	600	0.50	0.14	ug/l	
106-46-7	p-Dichlorobenzene [a]	ND	75	0.50	0.23	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.48	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	2.1		0.50	0.34	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.19	ug/l	
637-92-3	Ethyl tert Butyl Ether	0.44		0.50	0.25	ug/l	J
87-68-3	Hexachlorobutadiene [b]	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.2	ug/l	
98-82-8	Isopropylbenzene	0.22		0.50	0.14	ug/l	J
99-87-6	p-Isopropyltoluene	ND		0.50	0.16	ug/l	
75-09-2	Methylene chloride	0.38	5.0	0.50	0.37	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	588 [c]		5.0	2.4	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.48	ug/l	
91-20-3	Naphthalene [d]	0.82		0.50	0.31	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.39	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
994-05-8	tert-Amyl Methyl Ether	18.2		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 [a]	ND		0.50	0.20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.13	ug/l	
120-82-1	1,2,4-Trichlorobenzene [a]	ND	70	0.50	0.15	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.15		0.50	0.15	ug/l	J
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 [a]	ND		1.0	0.19	ug/l	
75-65-0	Tertiary Butyl Alcohol	361 [c]		50	25	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.38	ug/l	
	m,p-Xylene [a]	ND		0.50	0.38	ug/l	
95-47-6	o-Xylene [a]	ND		0.50	0.16	ug/l	
1330-20-7	Xylenes (total) [e]	ND	10000	0.50	0.16	ug/l	

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

Report of Analysis

Client Sample ID:	1MS-INF		
Lab Sample ID:	JD72170-3	**Date Sampled:**	08/31/23
Matrix:	DW - Drinking Water Inf	**Date Received:**	09/05/23
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	101%	100%	70-130%
460-00-4	4-Bromofluorobenzene	97%	98%	70-130%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alkane	6.73	.74	ug/l	J
75-85-4	Amylene Hydrate	10.33	4.5	ug/l	JN
	alkane	12.18	.56	ug/l	J
	alcohols	12.29	.78	ug/l	J
	alcohols	12.69	.79	ug/l	J
	1H-Indene-dihydro-methyl- isomer	17.72	.57	ug/l	J
	Total TIC, Volatile		7.94	ug/l	J

(a) Associated CCV outside of control limits high, sample was ND. This compound in BS is outside in house QC criteria bias high.
(b) Associated CCV outside of control limits high, sample was ND.
(c) Result is from Run# 2
(d) Associated CCV outside of control limits high.
(e) Associated CCV outside of control limits high, sample was ND. 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: JD72170
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 #:
SGS Accutest Quote #: | SGS Accutest Job #: JD72170

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 #: 0403448-16-209
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	1MS-EFF		8/31/23	10:30	JP	DW	3	3								X	
2	1MS-MID2		8/31/23	10:35	JP	DW	3	3								X	
3	1MS-INF		8/31/23	10:40	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 Labtink

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

migatlantic@gesonline.com
ges@equisonline.com

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		9-7-23 0800	1	2	9/5/23 1670	2
3	Relinquished by Sampler:	Date Time: 9/5/23 4:45	3 #57 malik	4	Date Time: 9/5/23 16:45	4
5	Relinquished by:	Date Time:	5	Custody Seal #	Intact / Not Intact	Preserved where applicable / On Ice / Cooler Temp. 0.9°C

11260

SGS Sample Receipt Summary

Job Number: JD72170 **Client:** DRAKE PETROLEUM COMPANY, INC **Project:** DRAKE BEL AIR XTRAMART #7805

Date / Time Received: 9/5/2023 4:45:00 PM **Delivery Method:** DROP OFF **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (0.9);

Cooler Temps (Corrected) °C: Cooler 1: (0.6);

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 40		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservatio	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

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

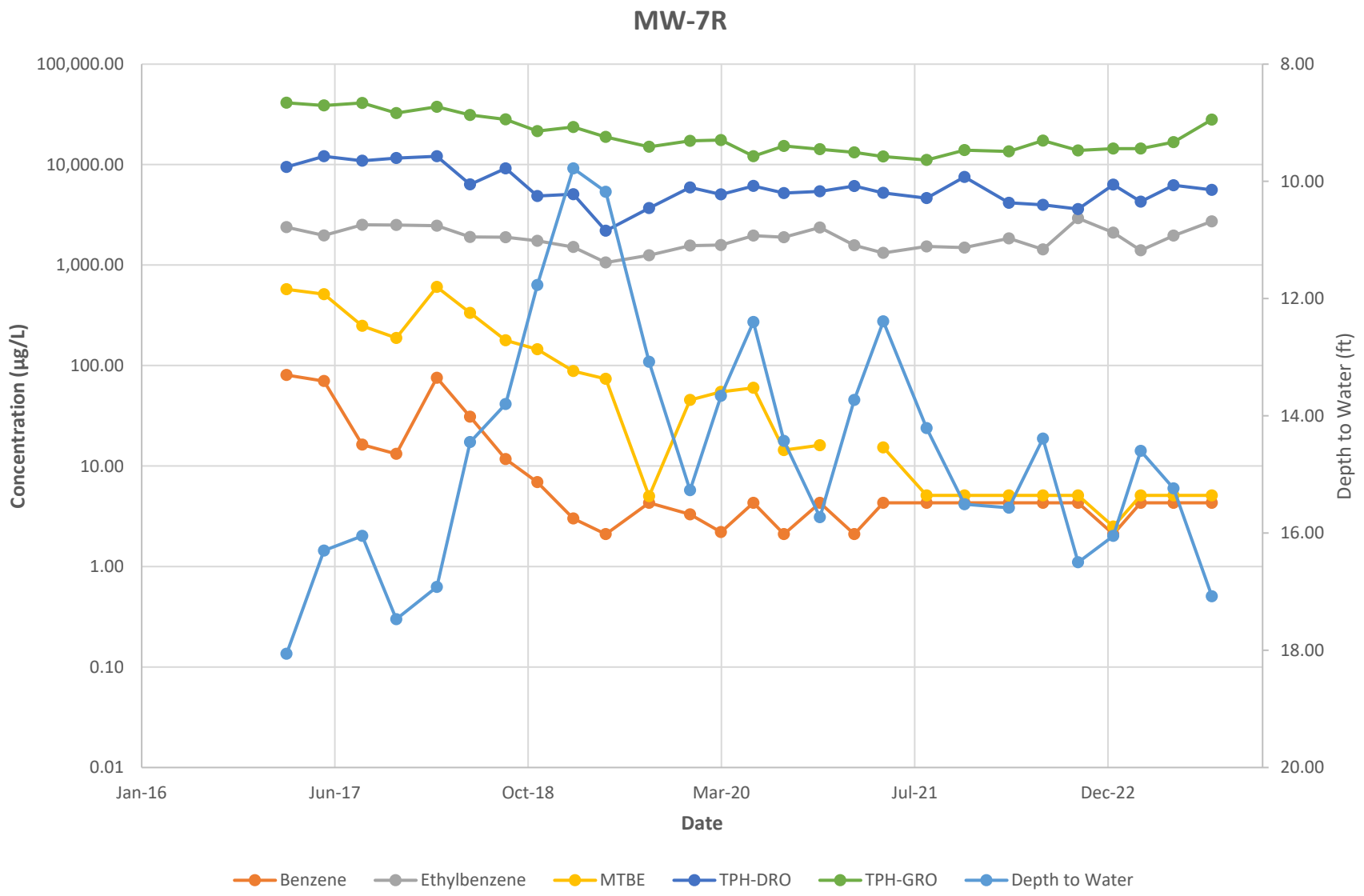
Site History	
07/14	MW-17I/D installation activities completed. Borehole over drilled to 200 ft. bgs. With MW-17D set at 195ft. bgs. with 20 ft. of screen and MW-17I set at 95 ft bgs with 15 ft of screen.
07/14	Potable samples collected Influent (PRE)-, Mid-2 and Effluent (POST)– from sampling ports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

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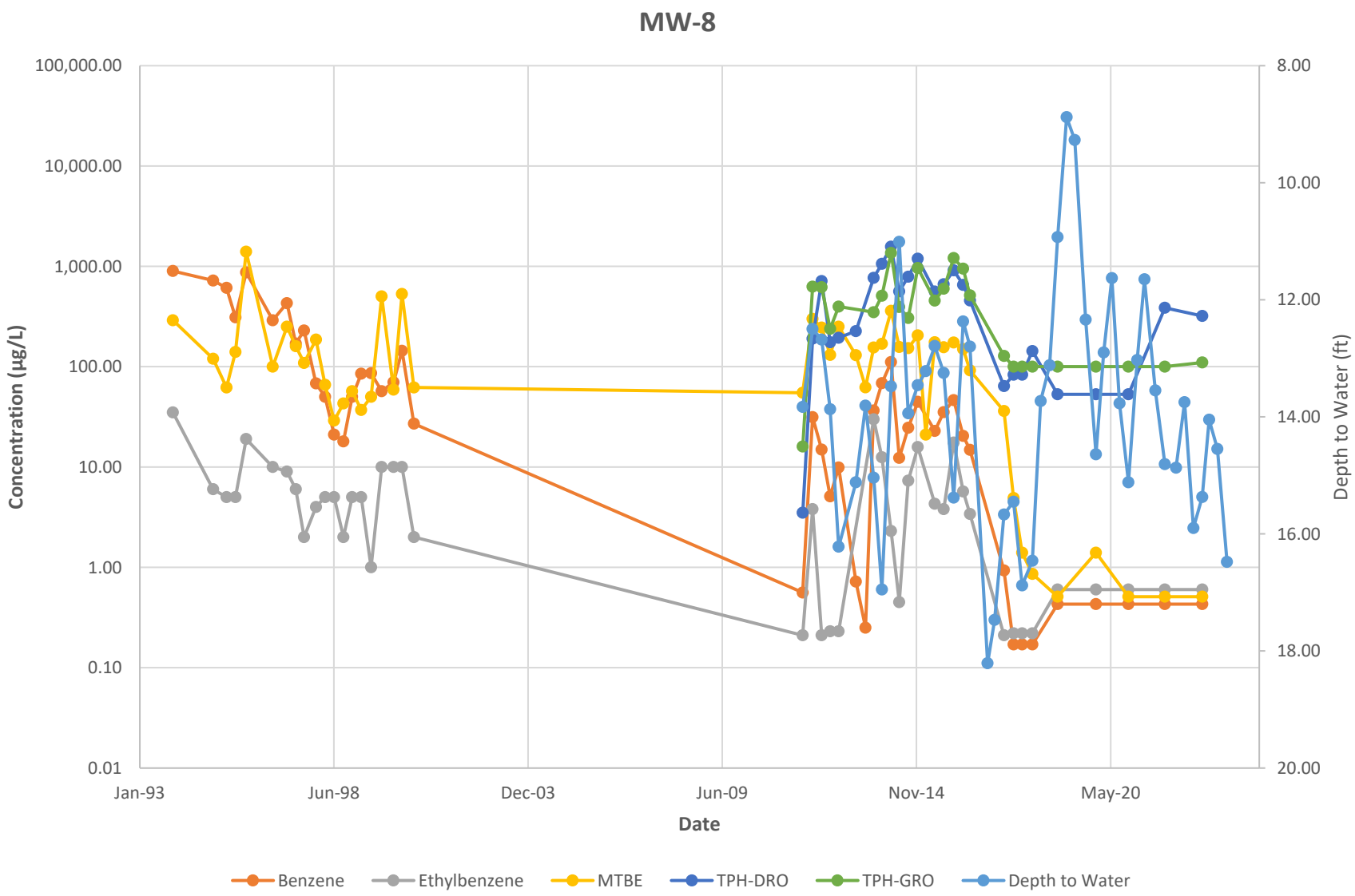

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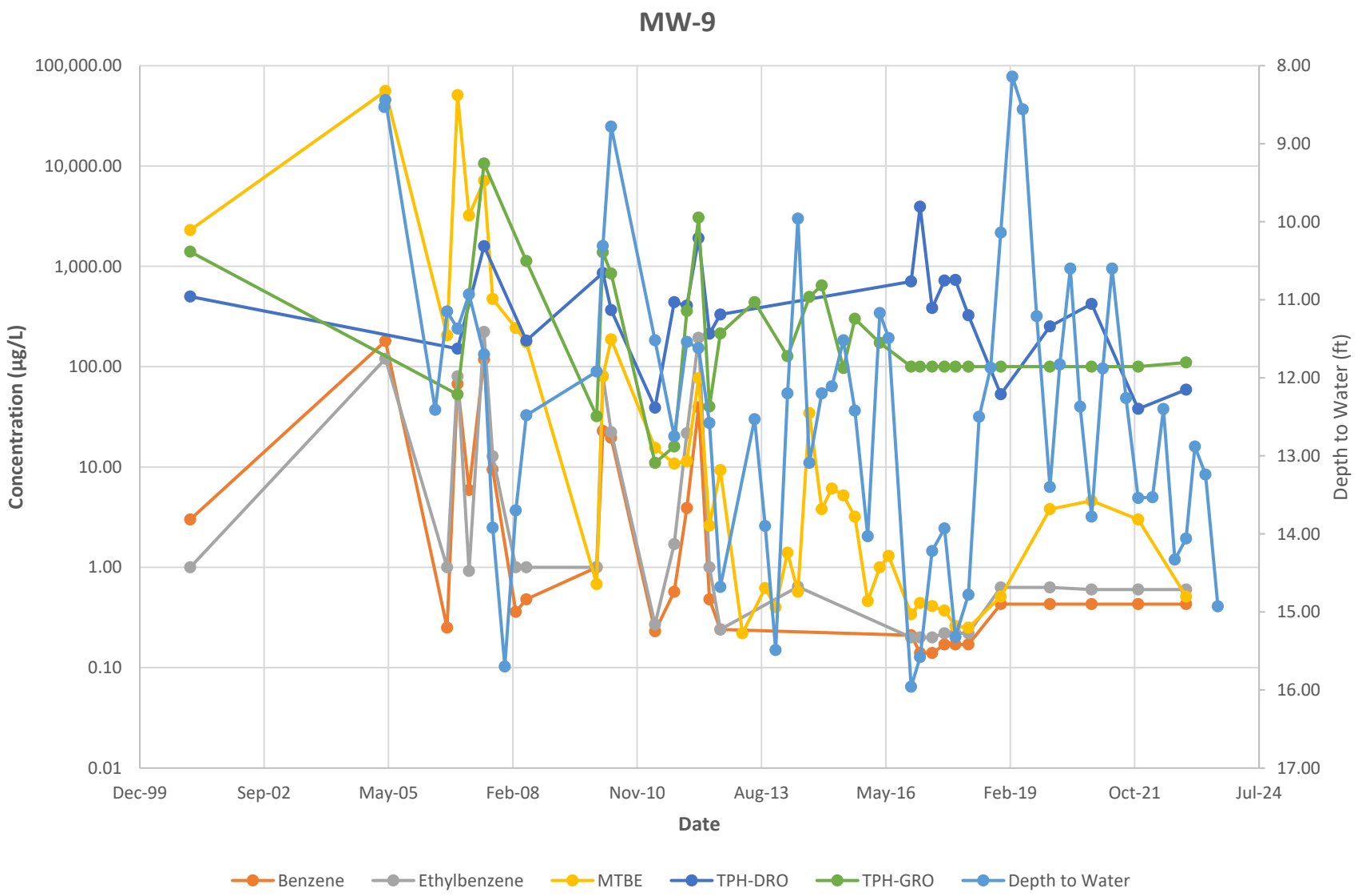

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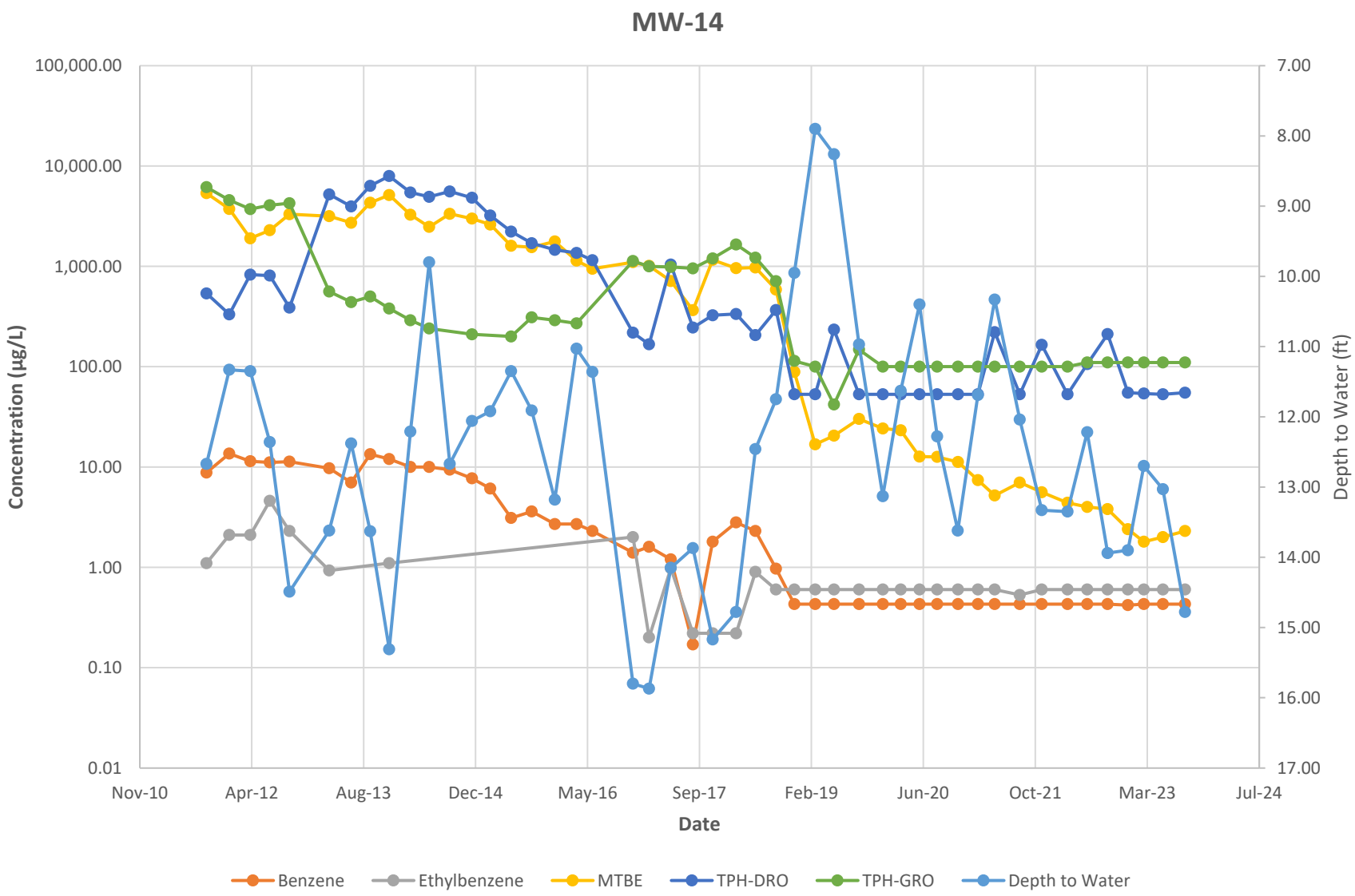

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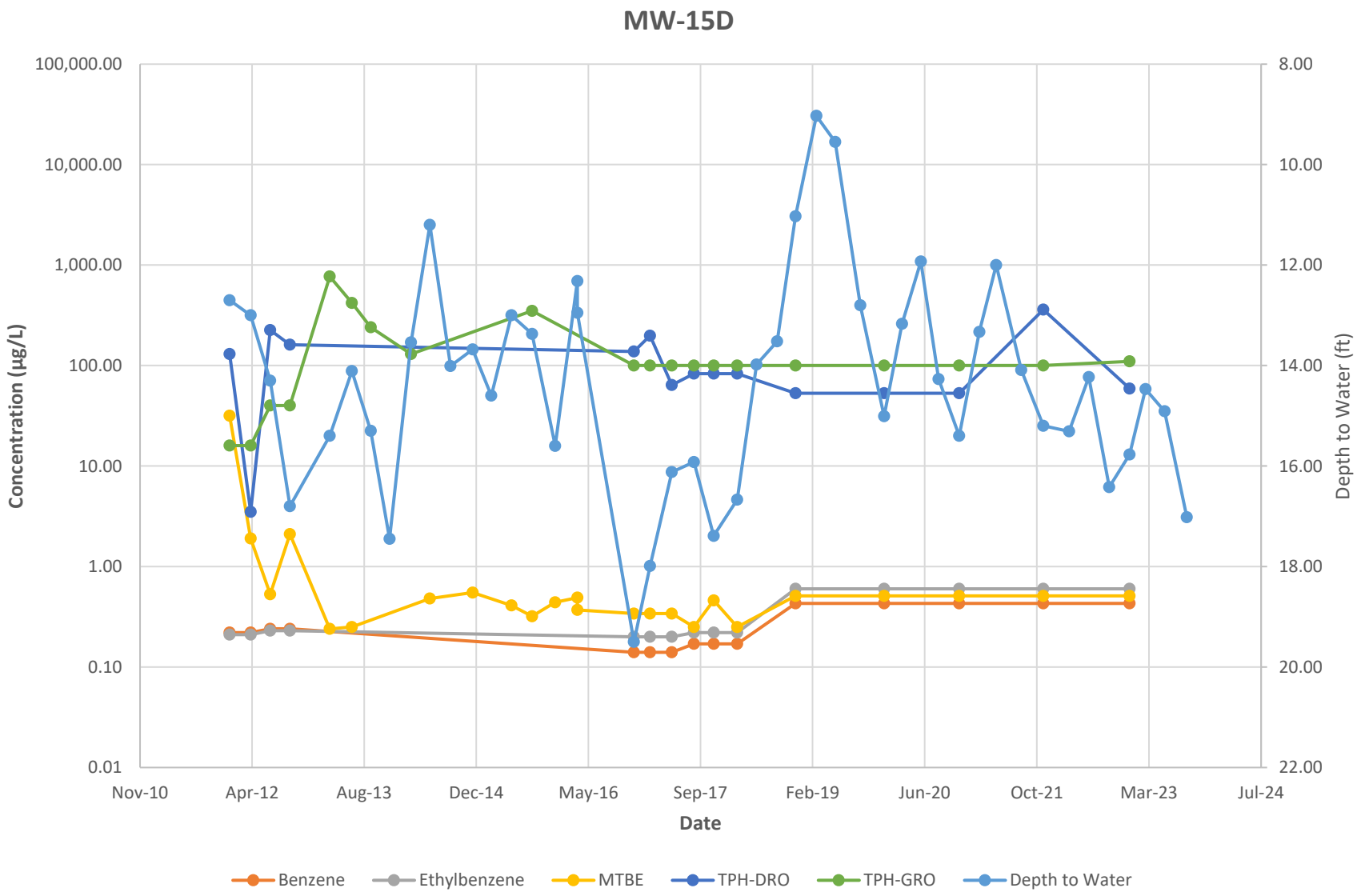

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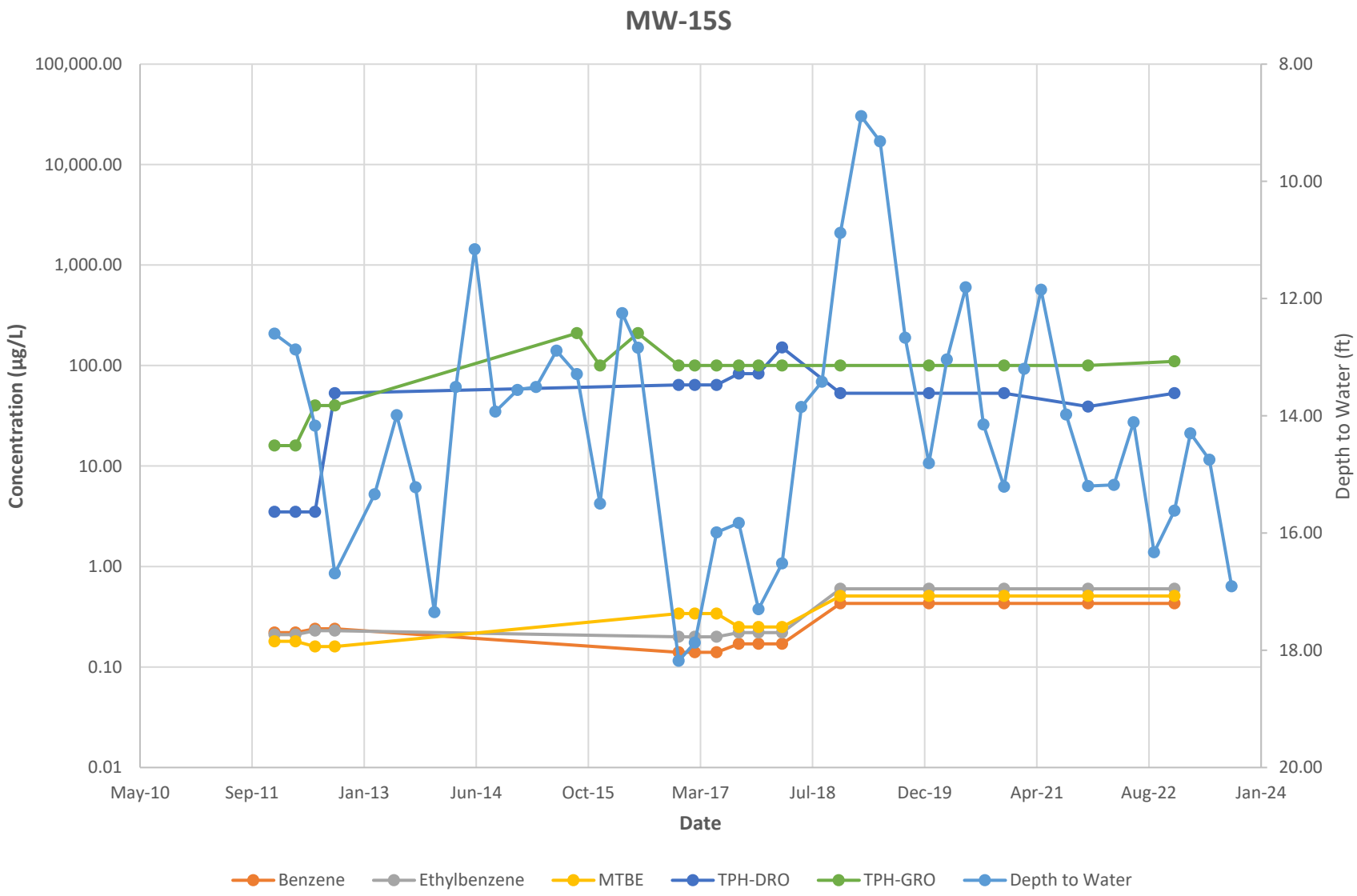

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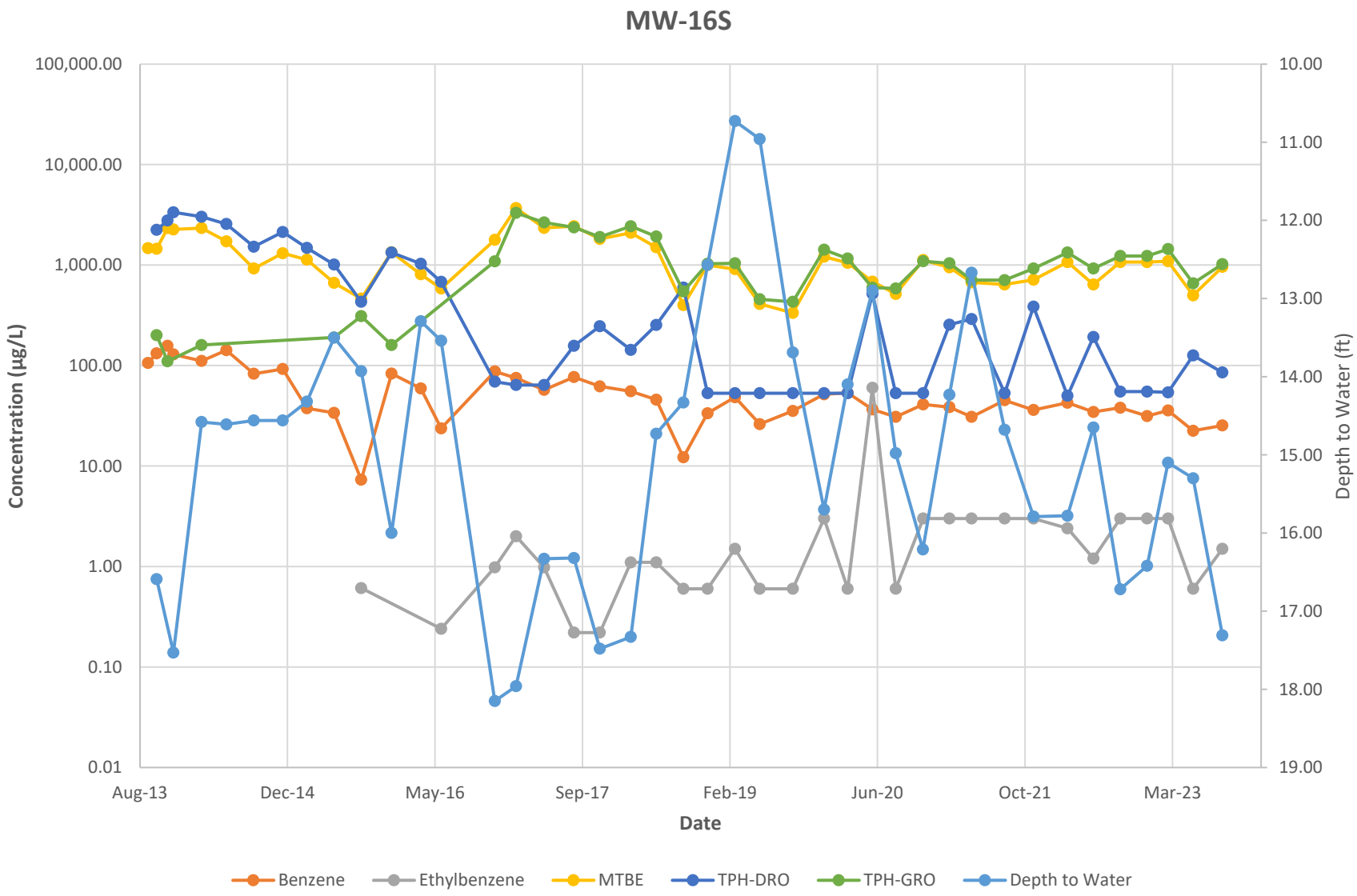

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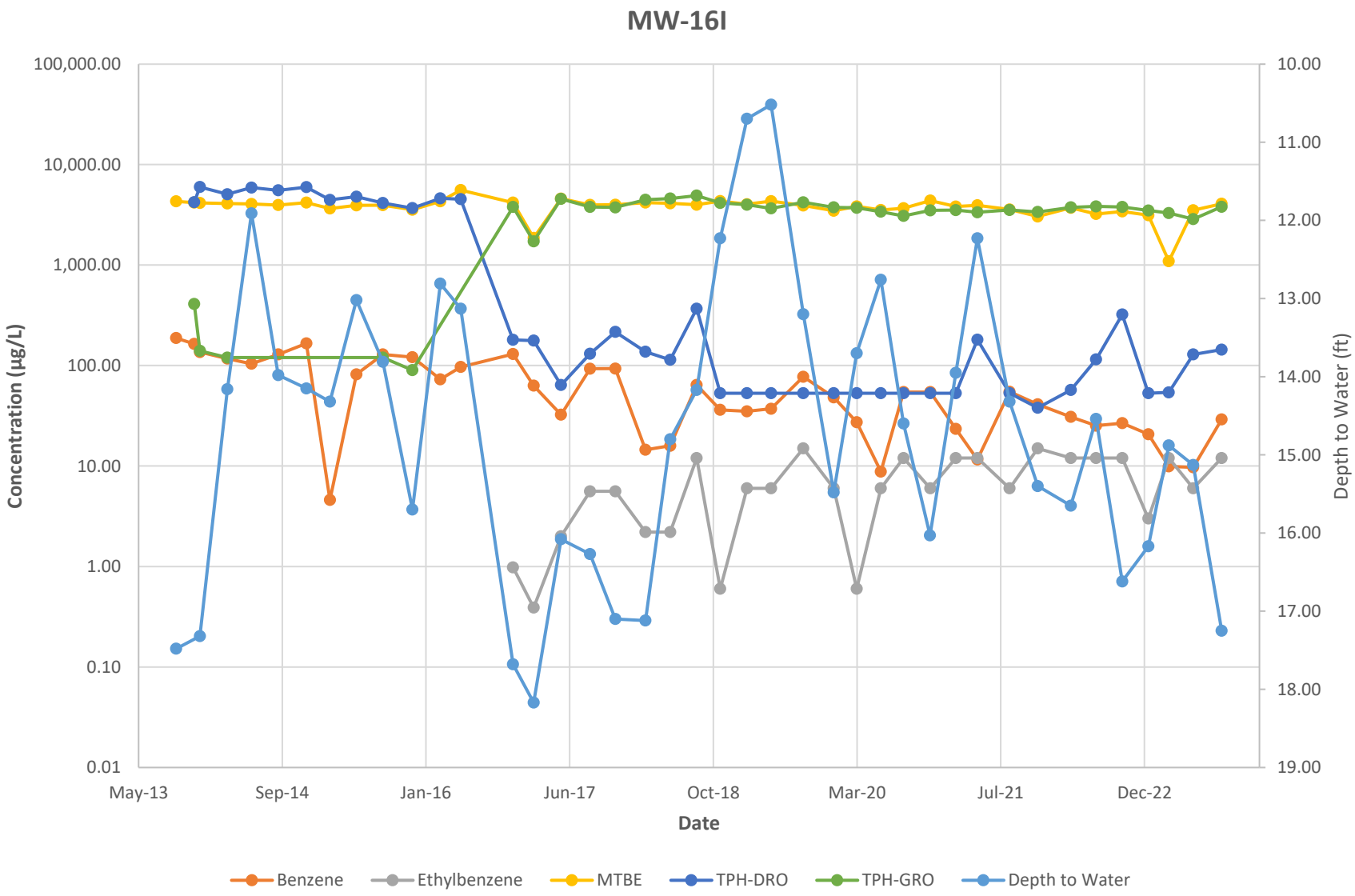

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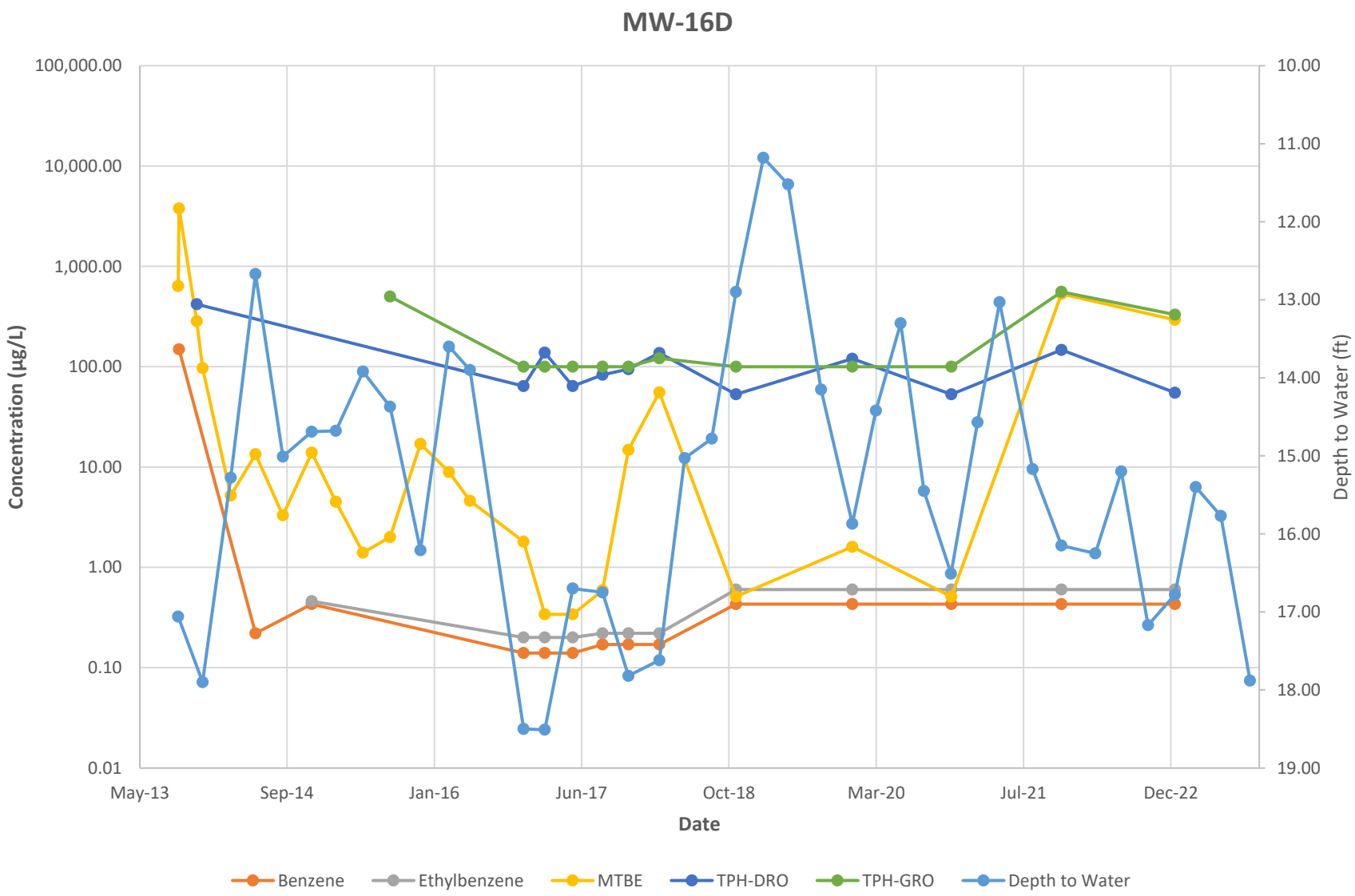

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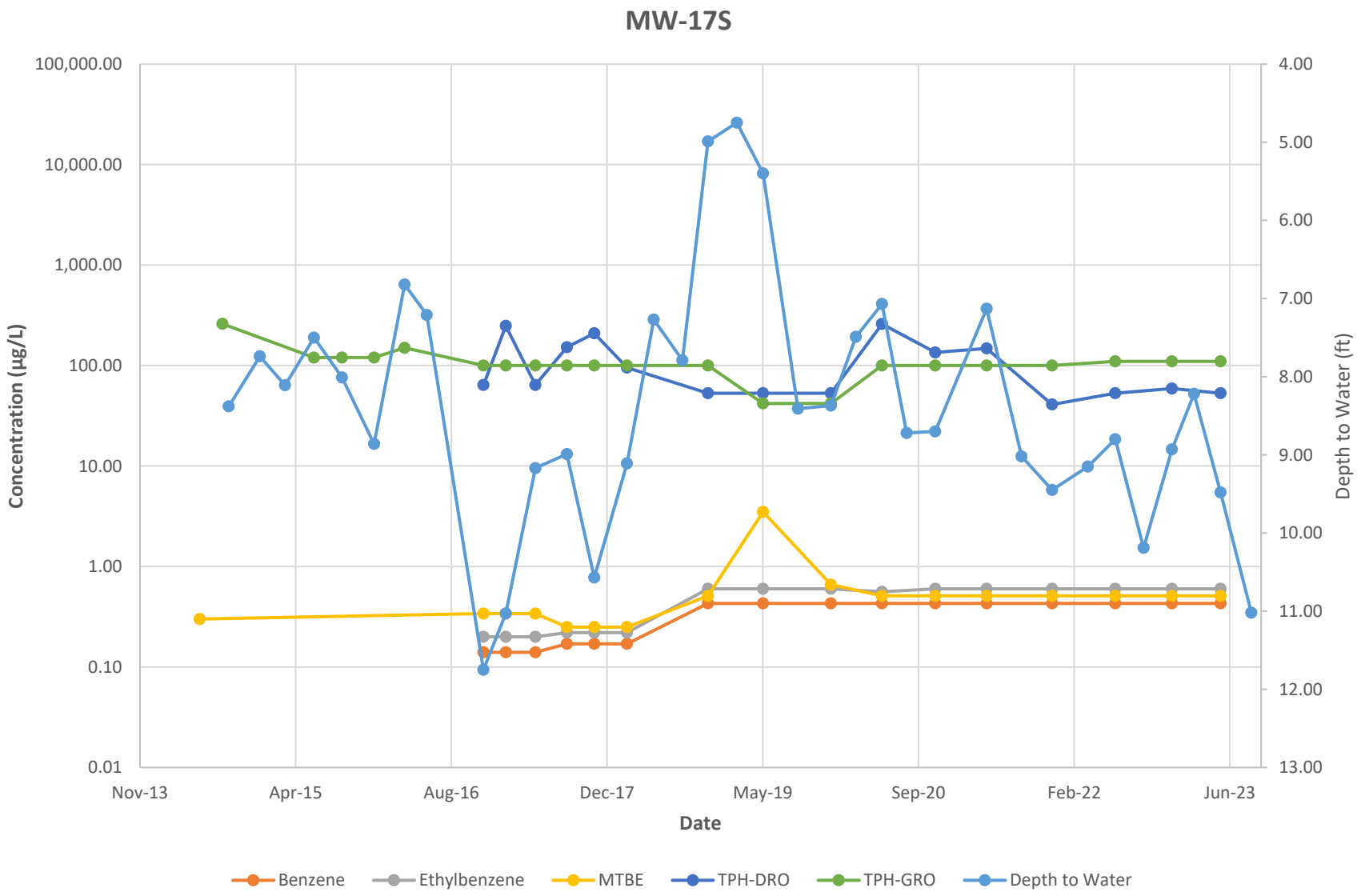

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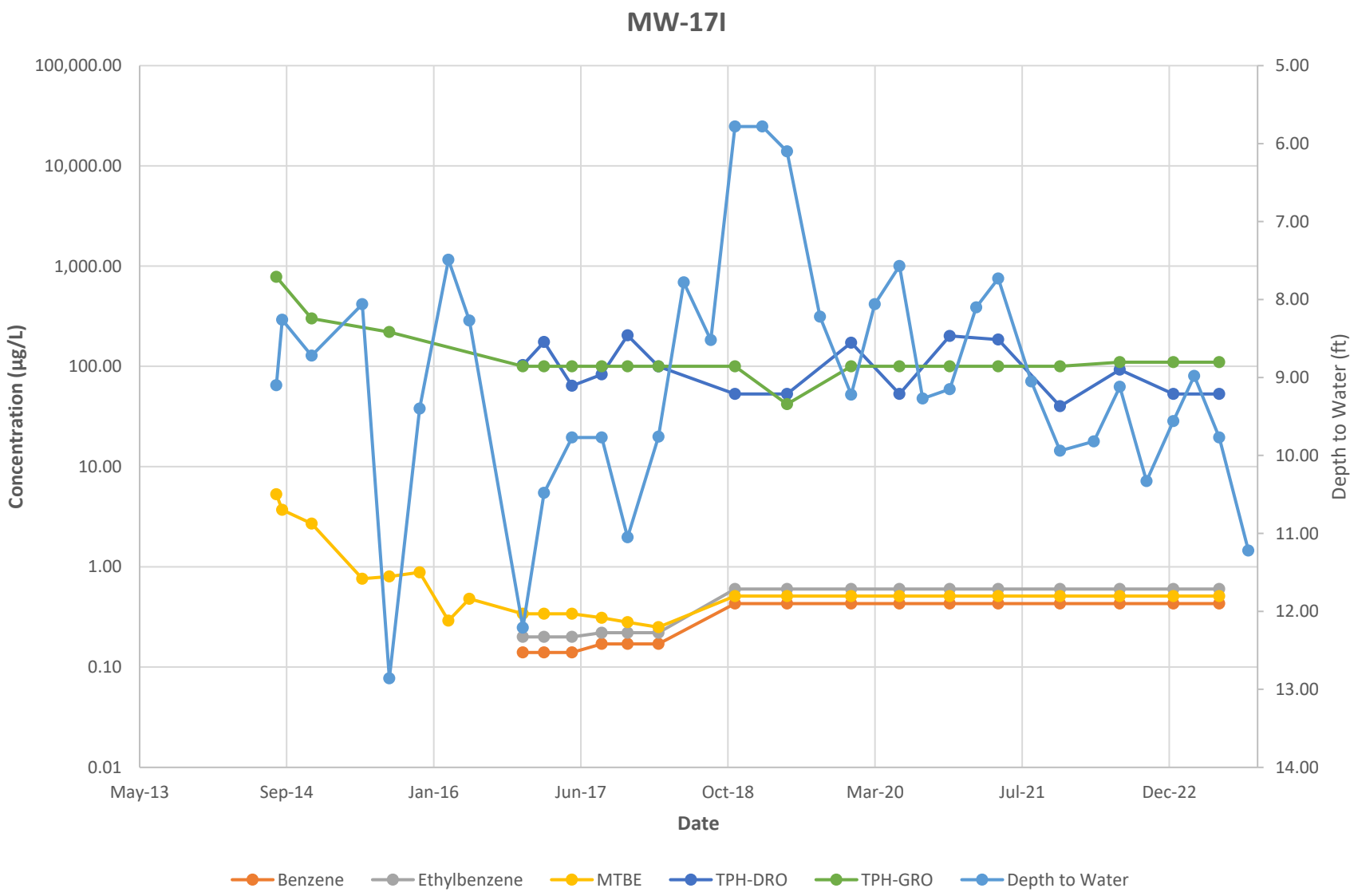

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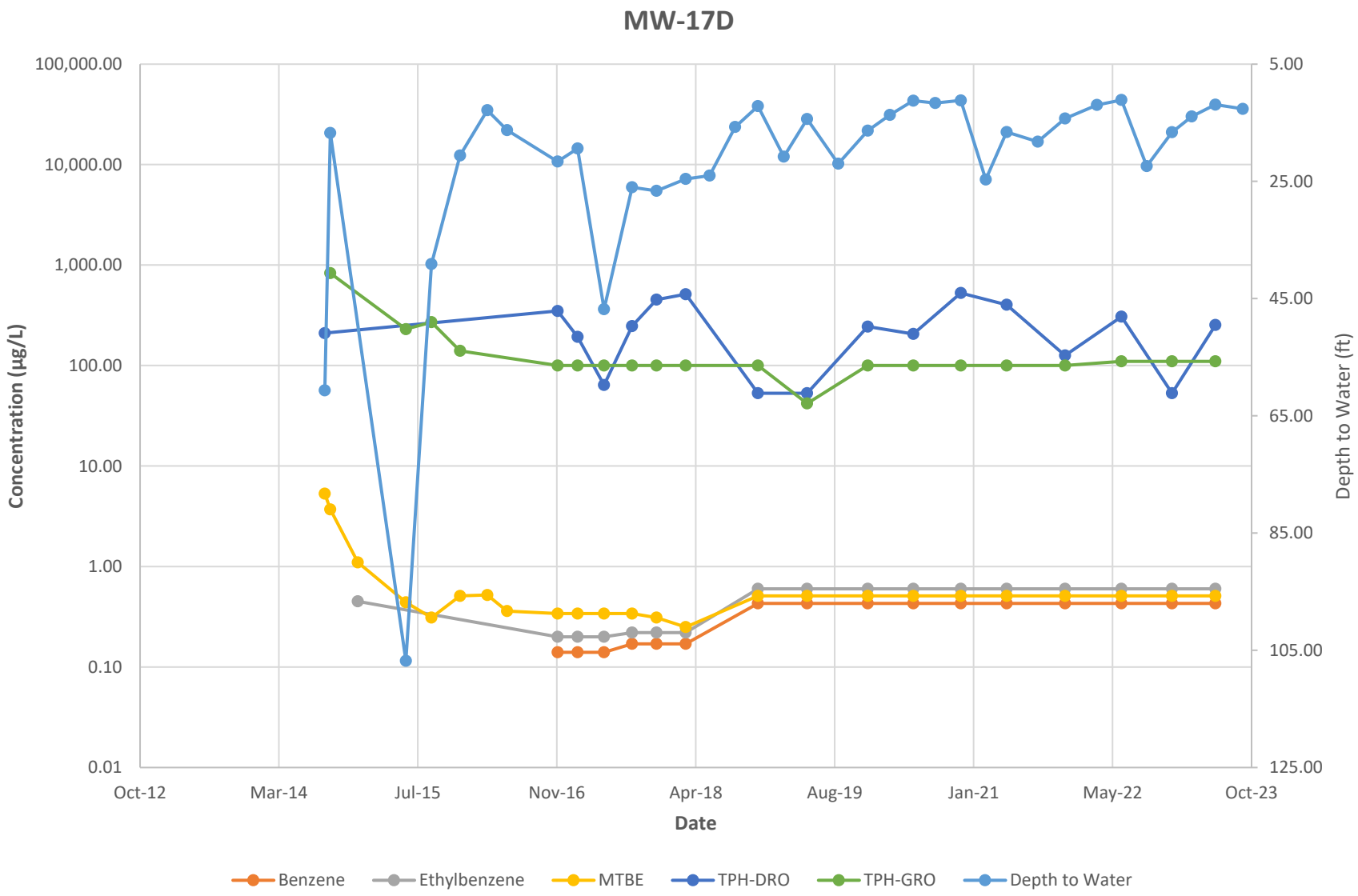

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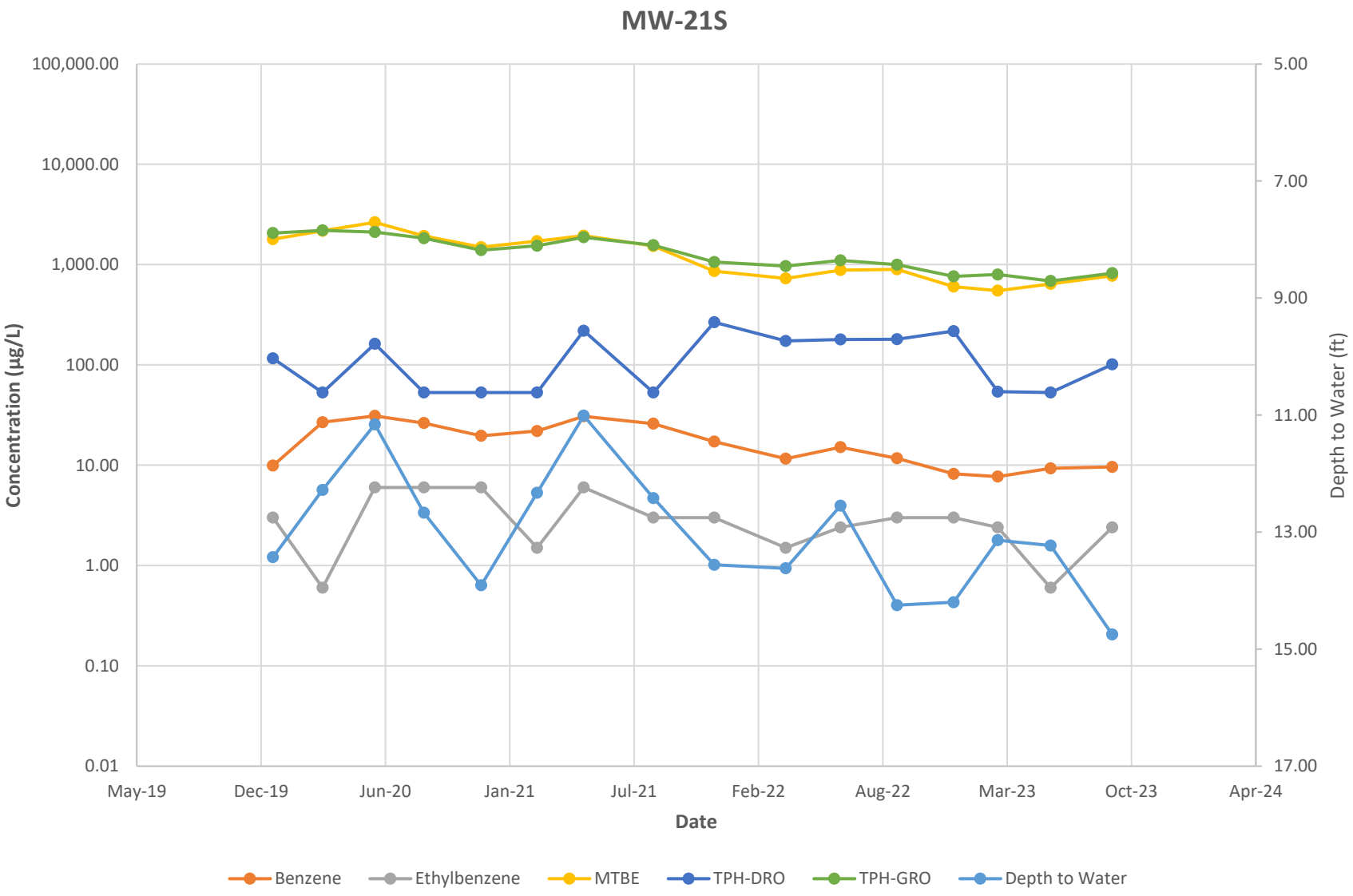

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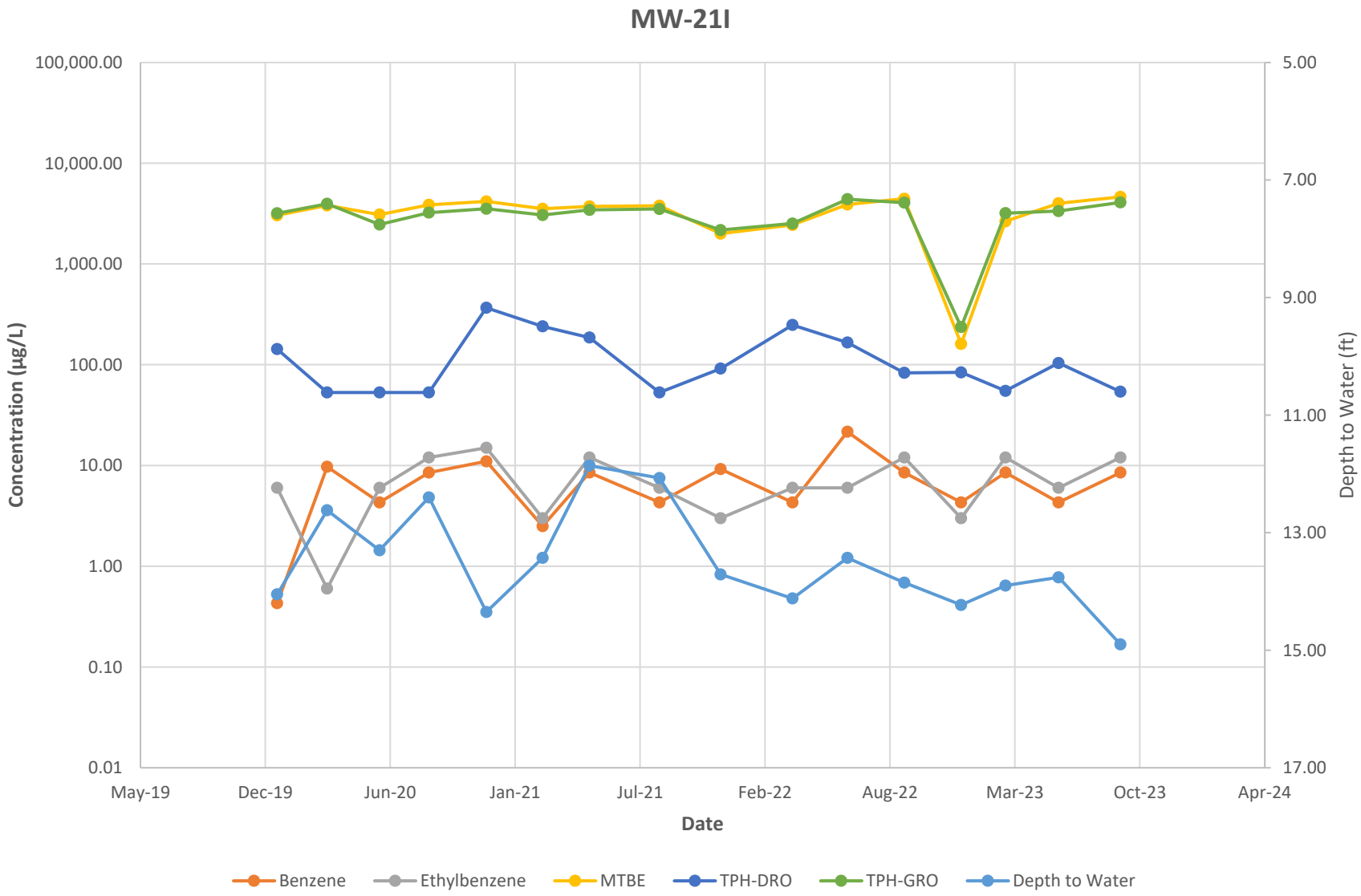

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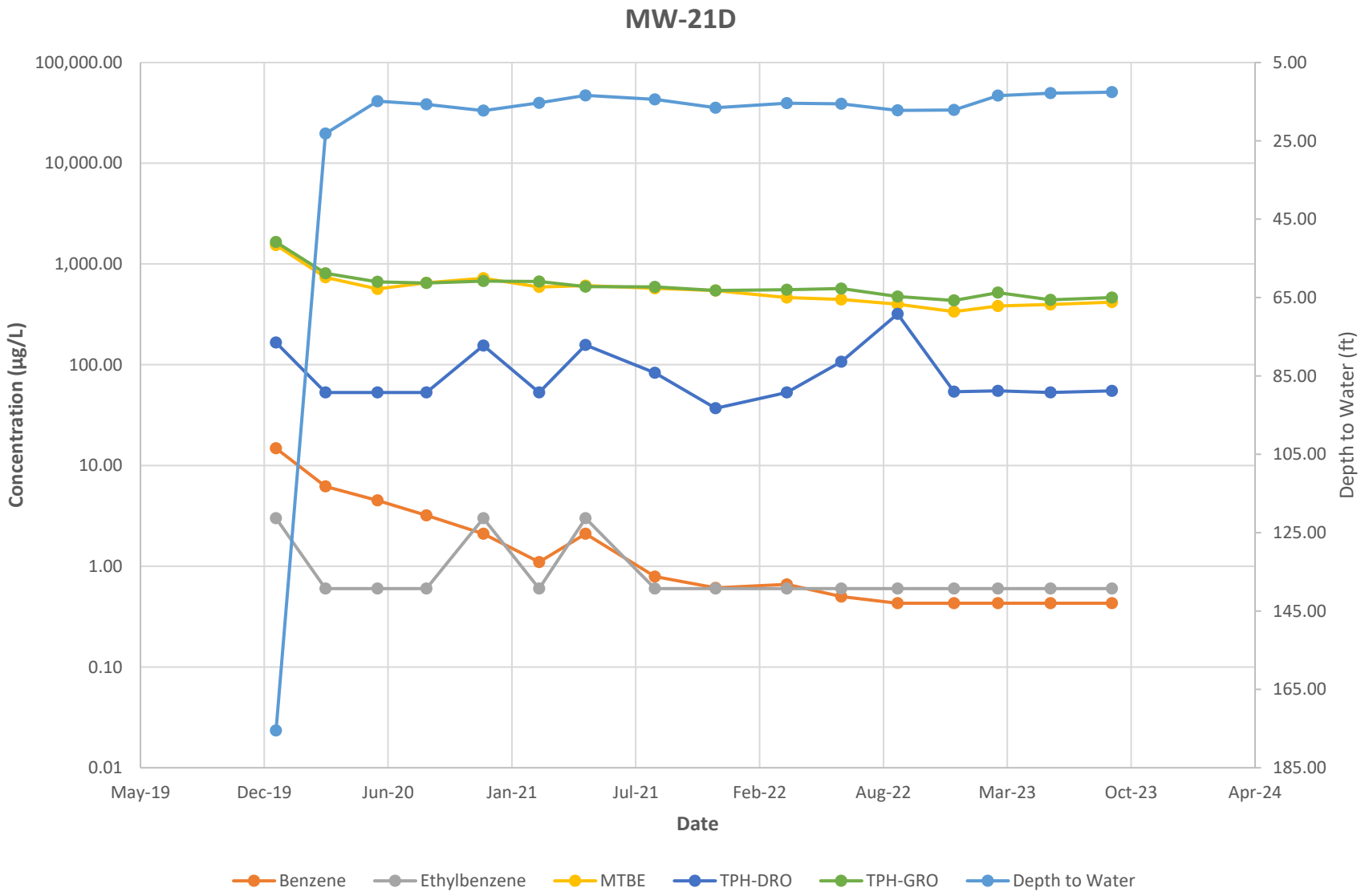

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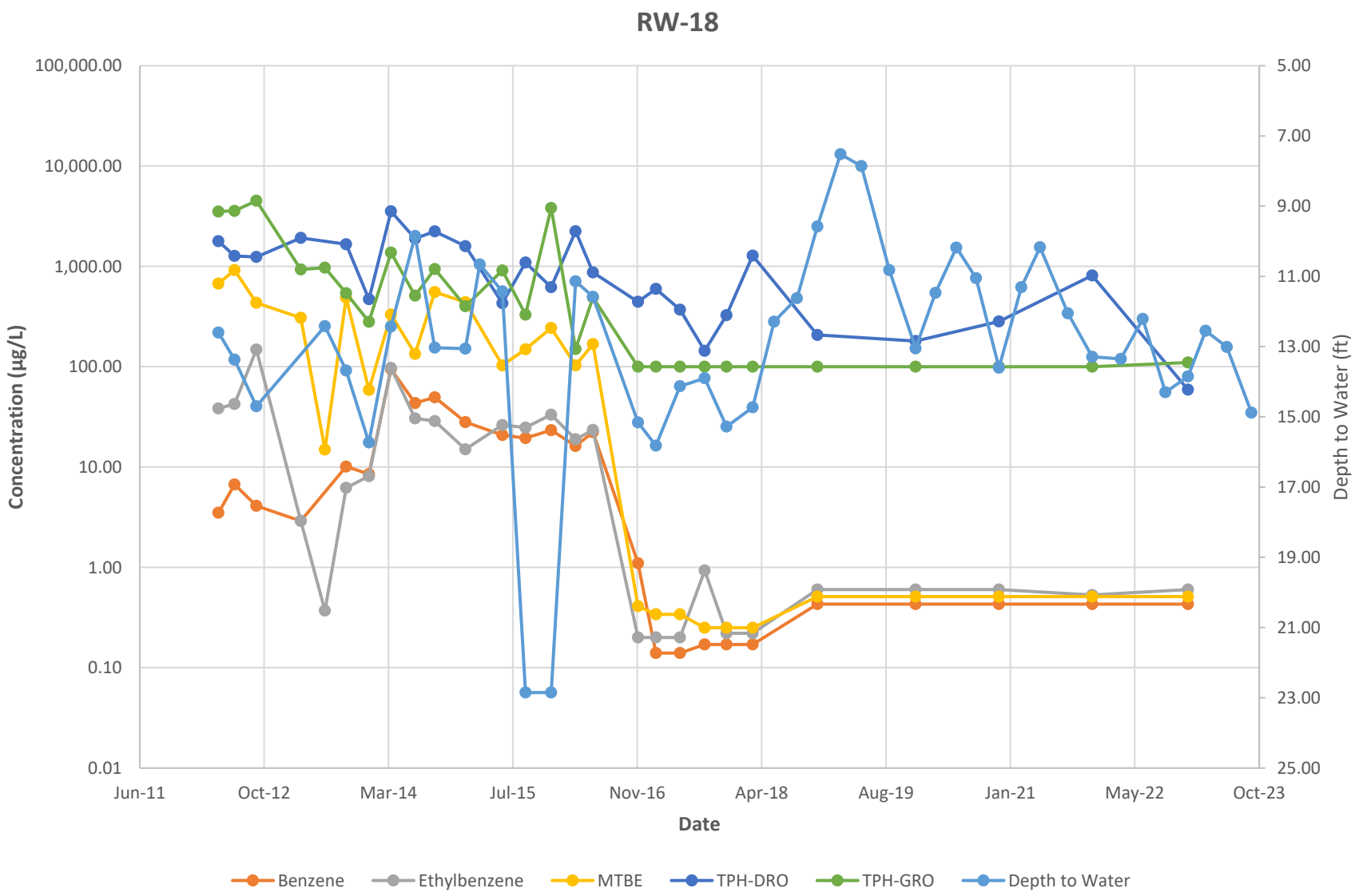

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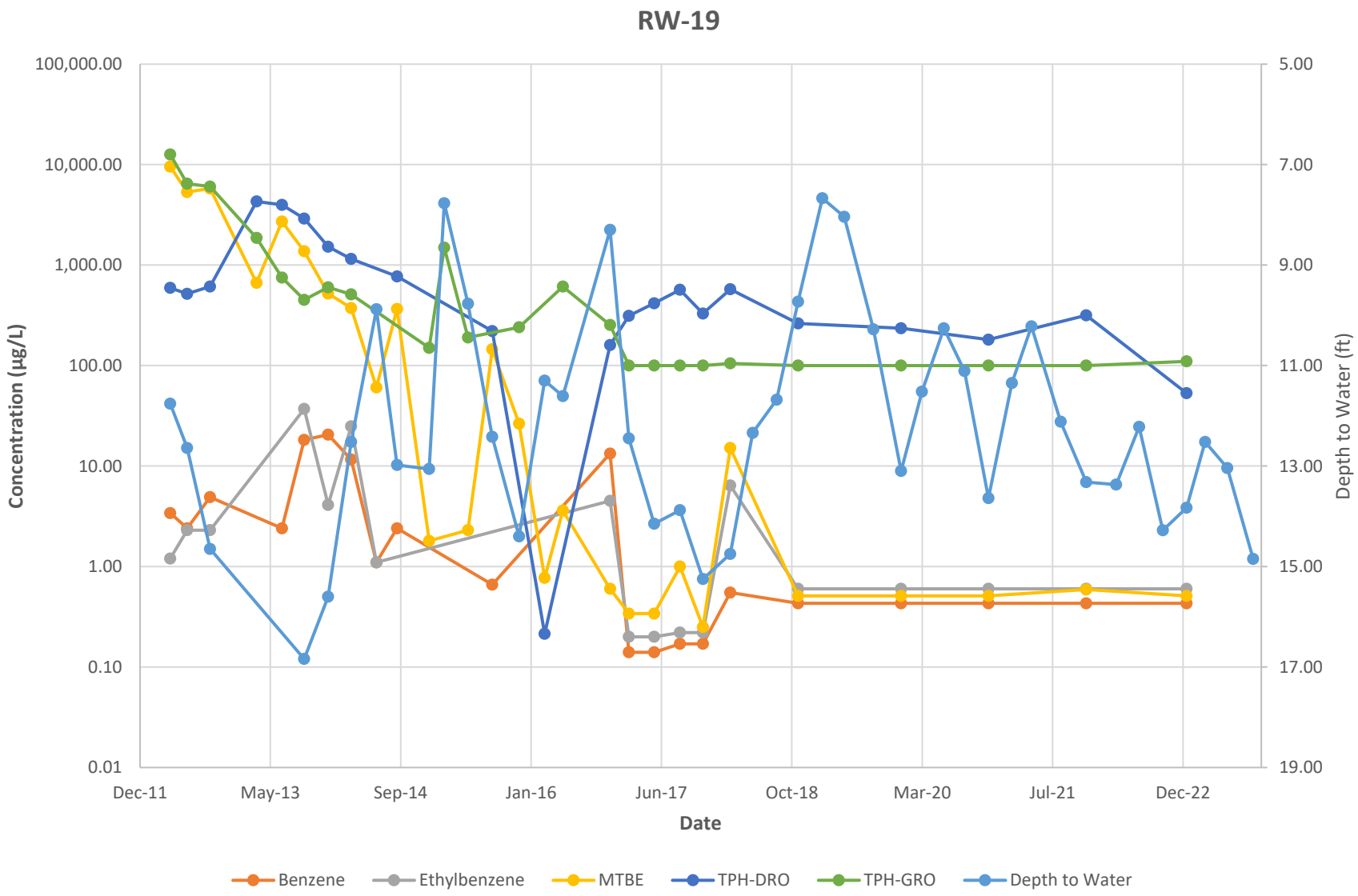

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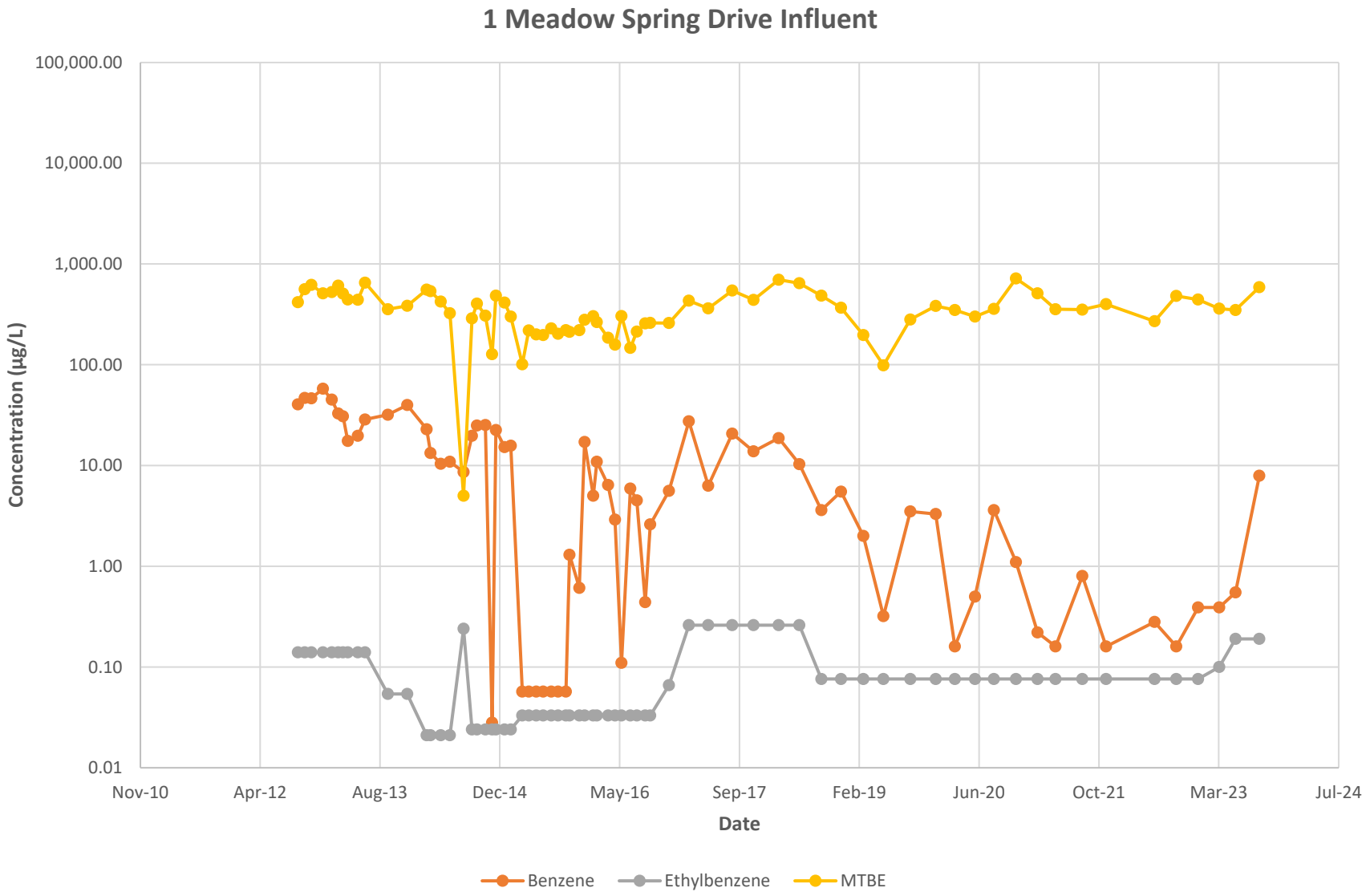

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