



**HAND DELIVERED**

December 14, 2021  
 Kleinfelder Project No.: 20193011.001A

Mr. Christopher Ralston  
 Maryland Department of the Environment  
 1800 Washington Boulevard  
 Baltimore, Maryland 21230

**SUBJECT: RECOVERY WELL CONVERSION REPORT OF RESULTS AND CYCLING WORK PLAN  
 Inactive Exxon Facility #28077  
 14258 Jarrettsville Pike, Phoenix, Maryland  
 MDE Case No. 2006-0303-BA2**

Dear Mr. Ralston:

Kleinfelder Inc. (Kleinfelder), on behalf of ExxonMobil Environmental & Property Solutions (ExxonMobil), is submitting this Report of Results and Cycling Work Plan to the Maryland Department of the Environment (MDE) Oil Control Program to (i) summarize results of the June 2021 conversion of select recovery wells and (ii) propose a cycling program for the remediation system at the Inactive Exxon Facility #28077 (Case Number 2006-0303-BA2).

**Summary of Recovery Well Conversion and Monitoring Activities**

The 2021 recovery well conversions were approved by the MDE in the *Response to Rebound Test Work Plan* dated April 23, 2021<sup>1</sup>. Well conversions took place between June 28 and June 30, 2021. Conversions and related sampling were conducted in accordance with the chart below.

 Conversion  
 Monitoring

Wells	June 2021	July 2021	August 2021	September 2021
MW-16	6/28/2021	7/14/2021	8/23/2021	9/28/2021
MW-27	6/28/2021	7/14/2021	8/23/2021	9/28/2021
MW-54B	6/30/2021	7/14/2021	8/23/2021	9/28/2021
MW-82D	6/30/2021	7/14/2021	8/23/2021	9/28/2021
MW-181A	6/29/2021	7/14/2021	8/23/2021	9/28/2021
Nearby Wells		7/14/2021	8/23/2021	9/28/2021

<sup>1</sup> MDE, Response to Rebound Test Work Plan, April 23, 2021.

The recovery well rebound assessment included conversion of five recovery wells to monitoring wells (MW-16, MW-27, MW-54B, MW-82D, and MW-181A – **Figure 1**). These wells were taken off-line between June 28 and June 30, 2021 and redeveloped the same day pumps were removed. Prior to conversion, the five recovery wells were sampled quarterly. After conversion and well redevelopment, the five wells were sampled monthly for three months (starting two weeks after shut-down) from July 2021 through September 2021. In addition, six proximal monitoring wells (MW-7, MW-27B, MW-32, MW-38B, MW-82B, and MW-121) were sampled monthly from July 2021 through September 2021. Groundwater analytical data for converted recovery wells and proximal monitoring wells for the past five years is included in **Table 1**. The laboratory reports for the recovery well conversion monitoring is included in Attachment 5.

Following the third round of post-conversion sampling in September 2021, all wells were returned to their previously-established sampling frequency (quarterly for all but MW-38B which is a semi-annual well).

## Results

Groundwater analytical data were evaluated throughout the rebound assessment period. Minimal changes in the concentrations of methyl tert-butyl ether (MTBE) and benzene, toluene, ethylbenzene, and xylenes (BTEX) were observed in the five converted recovery wells and the proximal wells.

Additionally, following the recovery well conversion, remediation system groundwater recovery rates changed from an average of 0.9 gallons per minute (gpm) from the southwest wells in the first six months of 2021 to an average of 0.8 gpm since July 2021 through November 4, 2021, and from 0.7 gpm from the northeast wells in the first six months of 2021 to an average of 0.0 gpm since July 2021 through November 4, 2021. This indicates that the two wells taken offline in the southwest (MW-16 and MW-27) were contributing approximately 0.1 gpm to the recovery system prior to shut down. The three northeast recovery wells taken offline (MW-54B, MW-82D, and MW-181A) were contributing almost all the water from the northeast, or 0.7 gpm on average, to the groundwater recovery system.

Since the most-recent recovery well conversion, the recovered groundwater influent MTBE concentration has increased from an average of 15 micrograms per liter ( $\mu\text{g/L}$ ) in the first six months of 2021 to an average of 53.8  $\mu\text{g/L}$  from July 2021 through October 2021. This increase in concentration combined with the decrease in groundwater recovery rate is in part due to removal of low concentration influent groundwater which diluted the overall influent concentration.

Charts depicting concentration and groundwater elevation trends for the five converted recovery wells and select six proximal monitoring wells are presented as **Attachment 1a**. Based on the absence of any sustained rebound of concentrations above action levels, the five converted recovery wells will remain offline and continue to be gauged and sampled according to the MDE-approved schedule.

## Rebound-Test Cycling of Remaining System Wells

Based on both the success of previous sequential well conversions across the site and technical discussions with the MDE, cycling of the remaining active remediation wells is proposed. The past five years of analytical data for the 14 remaining recovery wells is included as **Table 2** and the past five years of analytical for the remaining active monitoring wells is included as **Table 3**. Charts depicting concentration and groundwater elevation trends over time for both the 14 remaining groundwater recovery wells and the proposed proximal wells are presented as **Attachment 1b**. The goals of this proposed cycling program include:

- Evaluate how temporarily ceasing groundwater recovery and biosparging during the off-cycle periods affects groundwater concentration trends to determine if active groundwater recovery is contributing to the shrinking dissolved phase hydrocarbon plume.
- Evaluate natural attenuation processes in the absence of groundwater recovery/ biosparging through collection of additional microbial and geochemical data;
- Assess if groundwater concentrations rebound during and after cycling of the system; and
- Monitor for changes in area potable supply well concentrations during the cycling program to remain protective of the area water supply.

The cycling program will start with: (i) the shutdown of the remediation wells and one biosparge well and (ii) suspension of the supply well purging at 3627A Southside Avenue. The 14 current active remediation wells involved with the cycling program are illustrated on **Figure 2**.

Phase 1 of the cycling program will begin with removal of the submersible pumps and storage onsite for re-deployment. Each of the 15 remediation wells (14 recovery wells plus one sparge well) will be redeveloped prior to the first monitoring event using a surge block and a sediment/fluid remover or via airlift. The well will be agitated using a surge block or airlift to flush and mobilize sediment. A submersible pump will then be used to evacuate water and suspended sediment from the well. At least five well volumes of fluid will be removed or until water being discharged demonstrates minimal turbidity. The recovery wells will remain offline for three months. The 14 off-cycle groundwater recovery wells will be sampled monthly starting 2 weeks following well redevelopment. In addition to the 14 recovery wells, seven proximal monitoring wells, chosen based on location and well depth, will also be sampled monthly to monitor for changes in concentrations related to system off-cycling. The seven proximal wells are: MW-7, MW-54C, MW-82D, MW-91C, MW-121, MW-152, and PW-3501. Phase 1 will conclude at the end of the third monthly sampling event. Biosparge activity in MW-91C will cease operation and is not proposed for reactivation.

Phase 2 of the cycling program will start with re-installation and re-activation of groundwater recovery pumps in the 14 recovery wells. The recovery wells and the seven proximal monitoring wells will be sampled two weeks after re-activating the 14 recovery wells. Phase 2 will conclude at the end of this on-cycle sampling event.

Phase 3 of the cycling program will start with the second removal of the remediation pumps from the 14 remaining active recovery wells. These 14 recovery wells will remain offline for a period of three months but will not be re-developed as they were redeveloped in Phase 1. As with Phase 1, the 14 recovery wells and seven proximal monitoring wells will be sampled monthly for a period of three months. During the third Phase 3 monthly sampling event, a microbial assessment will also be conducted using samples from 11 wells throughout the site (details provided below). Phase 3 will conclude at the end of the third monthly sampling event.

Phase 4 of the cycling program will start with re-installation and re-activation of pumps in the 14 recovery wells. The recovery wells and associated monitoring wells will then be sampled every two weeks for a period of six weeks. After the third bi-weekly sampling event, the rebound cycling program will be completed, and the site will return to its regular MDE-approved monitoring schedule and continue with 14 active recovery wells.

The work schedule for the rebound cycling is summarized below:

Phase	Week	Work Scope	System Status
1	Week 1	Remove pumps from and redevelop remaining 14 recovery wells and stop biosparge at MW-91C	Offline
	Week 3	Collect groundwater samples from 14 off-cycle recovery wells and 7 proximal monitoring wells.	
	Week 7	Collect groundwater samples from 14 off-cycle recovery wells and 7 proximal monitoring wells.	
	Week 11	Collect groundwater samples from 14 off-cycle recovery wells and 7 proximal monitoring wells. Re-install pumps/re-activate 14 recovery wells	
2	Week 13	After two weeks of groundwater recovery, collect groundwater samples from the 14 active recovery wells and proximal monitoring wells. Remove pumps from the 14 recovery wells.	Online
3	Week 15	Collect groundwater samples from 14 off-cycle recovery wells and 7 proximal monitoring wells.	Offline
	Week 19	Collect groundwater samples from 14 off-cycle recovery wells and 7 proximal monitoring wells. Install bio-traps in relevant microbial assessment wells.	
	Week 24	Collect low-flow groundwater samples from 14 off-cycle recovery wells, 7 proximal monitoring wells, and microbial assessment wells. Re-install pumps /re-activate 14 recovery wells.	
4	Week 26	After two weeks of groundwater recovery, collect groundwater samples from 14 active recovery wells and 7 proximal monitoring wells.	Online
	Week 28	Collect groundwater samples from 14 active recovery wells and 7 proximal monitoring wells.	
	Week 30	Collect groundwater samples from 14 active recovery wells and 7 proximal monitoring wells. Return to normal monitoring schedule. Maintain operation of 14 recovery wells.	

The monitoring groups associated with the rebound cycling are summarized below:

Group	Wells
Recovery Wells (14)	MW-3, MW-16R, MW-38C, MW-45, MW-45R, MW-73C, MW-138D, MW-178C, MW-183, MW-187A, MW-187B, MW-187C, SVE-1, SVE-3
Proximal Monitoring Wells (7)	MW-7, MW-54C, MW-82D, MW-91C, MW-121, MW-152, PW-3501
Microbial Assessment Wells (11)	MW-40 (Southwest Distal Plume)
	MW-48D, MW-135C (Northeast cross-gradient, non-impacted)
	MW-54B, MW-54C, MW-138D, MW-188D (Northeast Plume Core)
	MW-187A, MW-187B, MW-187C, SVE-1 (Release area, Station, and Intersection)
	MW-189D (Northwest Distal Plume)

## Field and Analytical Methodology

### Rebound Monitoring

During cycling program sampling events (excluding the Microbial Assessment), wells will be sampled as follows:

- Recovery wells
  - When the system is active, recovery pump sample port
  - When the system is inactive
    - Wells with no targeted sample depths will be purged with a pump intake set at the middle of the water column within the screened/open hole portion of the well then sampled with a disposable bailer.
    - Wells with historic sample depths (previous Hydrasleeve™ or FLUTe™ wells), intervals will be sampled using Hydrasleeve™ sample bags to replicate past sample depths.
- Associated Monitoring Wells (historically purge)
  - Well will be purged with the pump intake set at the middle of the water column within the screened/open hole portion of the well and sampled with a disposable bailer.
- Associated Monitoring Wells (discrete/interval)
  - Well will be sampled at the most recent sample depths using Hydrasleeve™ bags.

Kleinfelder will initiate the work described above upon approval by the MDE. Groundwater analytical and potentiometric data will be evaluated throughout the sequential shutdown period as described. If a recovery well or proximal well demonstrates an anomalous result (e.g. an increase of 50 ppb MTBE or greater), we will notify the MDE and discuss/evaluate the potential need for pausing the cycling program and resuming groundwater recovery or other action.

### Microbial Assessment

The microbial assessment is proposed to assess microbial conditions in a non-active groundwater recovery state to confirm conditions exist that are supportive of on-going natural biodegradation of petroleum hydrocarbon constituents (including MTBE) while groundwater impact remains and prior to post-remedial monitoring. The microbial assessment of 12 select wells located across the site will be conducted during no groundwater recovery in the final monthly sampling event at the end of Phase 3 (Week 24 in above schedule). The 12 select wells are listed in the embedded table above and locations are shown on **Figure 2**. The assessment will include collection of microbial conditions data from: (i) wells previously assessed in 2019 (MW-40, MW-54B, MW-54C, MW-138D, MW-187A, MW-187B, MW-187C, MW-188D, and MW-189D), (ii) cross-gradient, non-impacted wells MW-48D and MW-135C, and (iii) a source area well (SVE-1). The sample groups will allow comparison of microbial conditions in impacted groundwater to background or non-impacted groundwater. The specific sampling methodologies for each well are summarized below and detailed in **Attachment 2**.

Wells sampled during the Week 24 event will be sampled via low-flow techniques using a YSI water quality meter (or equivalent) to record pH, temperature, oxidation reduction potential (ORP), and dissolved oxygen (DO). For wells sampled via Hydrasleeve™, the pump intake will be set to target the interval with the highest historical MTBE concentrations. For wells without target sample depths, the pump intake will

be set at the middle of the water column within the screened/open hole portion of the well. Low-flow recovery will continue until groundwater parameters stabilize prior to sample collection.

Ferrous iron and orthophosphate will be measured in the field for all wells associated with the rebound cycling event. A Hach colorimetric test kit will be used for ferrous iron. Orthophosphate will be measured using field test kits.

Samples from all rebound cycling event wells will be sent to Eurofins Lancaster Laboratories in Lancaster, PA for analysis of nitrate, sulfate, methane, and CO<sub>2</sub>.

For the five monitoring wells designated on **Attachment 2** for QuantArray-MTBE/TBA analysis or QuantArray-full-Petro analysis, a one-liter aqueous sample will be collected concurrent with sample collection for geochemical analysis. Microbial Insights' fact sheets found in **Attachment 3** provide more detailed information on QuantArray analysis. These samples will be collected per Microbial Insights instructions in **Attachment 4**. Samples will be shipped on ice overnight to Microbial Insights in Knoxville, TN for analysis.

Seven wells have been identified as candidates for "biotraps," which can be used for QuantArray analysis or Stable Isotope probing. Biotraps will be suspended with nylon string inside the MWs after sampling has been completed and left in place for 30-45 days (see **Attachment 4** – Microbial Insight Sampling Protocols). After the 30-45 days have elapsed, the biotraps will be collected and shipped overnight on ice to Microbial Insights for analysis. Due to the timeframe required for the biotraps to remain in the wells, the biotraps will be installed during Week 19 of the above schedule and retrieved during the Week 24 Event.

A summary report of the results of the cycling program and microbial conditions assessment will be provided to the MDE approximately 45 days following receipt of all analytical data.

If anomalous analytical data is received indicating groundwater concentrations exceeding the range of concentrations for the last 3 years, the MDE will be notified immediately for discussion of potential alternate steps, additional sampling, and/or immediate system re-start. A monthly email summary of activities and analytical results (MTBE, BTEX) will be provided to the MDE throughout the cycling program.

## LIMITATIONS

Kleinfelder performed the services for this project under the Enabling Agreement with Procurement, a division of ExxonMobil Global Services Company (signed on November 28, 2012). Kleinfelder states that the services provided are consistent with professional of care defined as that level of services provided by similar professionals under like circumstances. This report is based on the regulatory standards in effect on the date of the report. It has been produced for the primary benefit of ExxonMobil Global Services Company and its affiliates.

Please contact the undersigned with any questions or requests for additional information.

Sincerely,

**KLEINFELDER**



Charlie Low  
Environmental Scientist



Mark J. Schaaf, C.P.G.  
Project Director

cc: Ms. Ellen Jackson – MDE Oil Control Program  
Mr. Andrew Miller – MDE Oil Control Program  
Stephanie Cobb Williams, Esq. – Office of the Attorney General  
Mr. Ben Wood – ExxonMobil (project file)  
Carlos Bollar, Esq. – Archer & Greiner

**FIGURES**

- 1 2021 Recovery Well Conversion Map
- 2 Proposed Cycling Plan

**TABLES**

- 1 Historical Groundwater Analytical Data – 2021 Conversion Wells (5-years)
- 2 Historical Groundwater Analytical Data – Remaining Recovery Wells (5-Years)
- 3 Historical Groundwater Analytical Data – Remaining Site Wells (5-Years)

**ATTACHMENTS**

- 1 Well Trend Charts
  - a. Recovery Well Conversion Trend Charts
  - b. Cycling Workplan Trend Charts
- 2 Natural Attenuation and Biodegradation Evaluation Sampling Matrix
- 3 Microbial Insights Fact Sheets
- 4 Microbial Insights Sampling Guidance
- 5 Laboratory Reports for the Recovery Well Conversion Monitoring

## FIGURES

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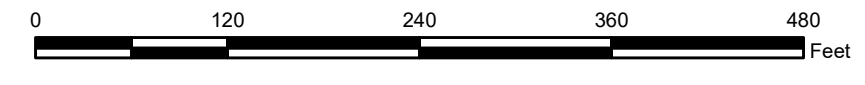




- Legend**
- ▲ Recovery Activity
  - Monitoring Only
  - ✂ Abandoned Monitoring Well
  - Private Supply Well
  - Surface Water Sample
  - Building Footprint
  - ▭ Property Boundary (Approx.)
  - ▭ Roads and Parking
  - Retention Basin
  - Stream
  - Intermittent
  - Water Body
  - ▲ 2021 Conversion Well
  - 2021 Proximal MW

NOTE: MW-169D location is approximate

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PROJECT NO.	20193011
DRAWN:	12/9/2021
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**2021 RECOVERY WELL  
CONVERSION MAP**

INACTIVE EXXON FACILITY #28077  
14258 JARRETTVILLE PIKE  
PHOENIX, MARYLAND  
BALTIMORE COUNTY

FIGURE

**1**

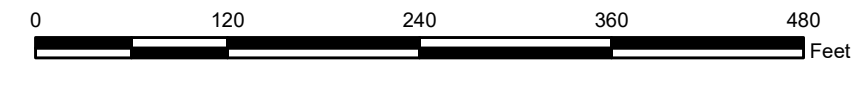


**Legend**

- ▲ Recovery Activity
- ◆ Monitoring Only
- ⚡ Abandoned Monitoring Well
- Private Supply Well
- Surface Water Sample
- Building Footprint
- ▭ Property Boundary (Approx.)
- ▭ Roads and Parking
- Retention Basin
- Stream
- ⋯ Intermittent
- Water Body
- ▼ Microbial Assessment Wells
- RW for Rebound Testing
- Rebound Test Proximal MWs

NOTE: MW-169D location is approximate

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PROJECT NO.	20193011
DRAWN:	10/11/2021
DRAWN BY:	R. Alvarez
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**PROPOSED CYCLING PLAN**

INACTIVE EXXON FACILITY #28077  
14258 JARRETTSVILLE PIKE  
PHOENIX, MARYLAND  
BALTIMORE COUNTY

FIGURE  
**2**

## TABLES

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Table 1

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-7 [R]	03/14/2016	ND(1)	ND(1)	ND(1)	0.5 J	0.5 J	1 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	2	3	ND(1)	ND(5)	
	05/23/2017	ND(1)	ND(1)	ND(1)	10	10	2	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	25	0.6 J	1	1	ND(5)	
	08/23/2018	0.2 J	0.2 J	ND(1)	ND(5)	0.4 J	35	0.5 J	0.9 J	3	10 J	
	12/17/2018	ND(1)	0.3 J	0.8 J	3 J	4 J	12	ND(1)	0.3 J	1	ND(25)	
	02/22/2019	2	16	11	49	78	39	0.3 J	0.6 J	4	16 J	
	04/08/2019	ND(1)	0.5 J	0.5 J	5 J	6 J	3	ND(1)	ND(1)	0.4 J	ND(25)	
	09/05/2019	ND(1)	0.3 J	ND(1)	1 J	1 J	7	ND(1)	ND(1)	0.8 J	ND(25)	
	12/13/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	5	ND(1)	ND(1)	0.4 J	ND(25)	
	03/02/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	4	ND(1)	ND(1)	ND(1)	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/18/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	10/20/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/07/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
07/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
07/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
08/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/27/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-16 [R]	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	03/09/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	05/23/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	

Table 1

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 7, 2016 through September 27, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-16 [R]	12/27/2017	0.6 J	ND(1)	ND(1)	1	2 J	5	ND(1)	ND(1)	ND(1)	6 J	
	02/28/2018	1	4	2	12	19	12	ND(1)	ND(1)	ND(1)	8	
	05/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	0.3 J	1	ND(25)	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/11/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/24/2019	ND(1)	3	80	100	183	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	07/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	0.6 J	1	2	ND(25)	
	08/20/2019	0.9 J	ND(1)	ND(1)	ND(3)	0.9 J	3	0.2 J	0.5 J	0.6 J	ND(25)	
	10/11/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.4 J	ND(1)	0.3 J	ND(1)	ND(25)	
	11/18/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/10/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/02/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/07/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/08/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.60 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/06/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/14/2021	ND(1.0)	0.48 J	ND(1.0)	2.1 J	2.6 J	0.62 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/16/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.27 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
07/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
08/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/27/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-27 [R]	03/14/2016	110	3100	550	1600	5360	57	ND(10)	ND(10)	10	ND(50)	
	06/20/2016	140	840	220	670	1870	1000	7	17	190	62	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	ND(1)	1	0.5 J	3	5 J	14	ND(1)	ND(1)	2	42	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	05/23/2017	18	110	13	290	431	380	ND(5)	3 J	41	55	
	09/28/2017	9	330	380	760	1479	15	ND(1)	ND(1)	3	7 J	
	12/28/2017	3	6	170	14	193	7	ND(1)	ND(1)	0.7 J	14 J	
	02/28/2018	ND(1)	17	63	150	230	13	ND(1)	ND(1)	ND(1)	10	

Table 1

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-27 [R]	05/09/2018	ND(1)	44	98	280	422	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2018	5	9	6	15	35	66	0.7 J	2	7	89	
	12/03/2018	ND(1)	ND(1)	0.2 J	ND(5)	0.2 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/25/2019	0.4 J	1 J	0.4 J	1 J	3 J	23	ND(1)	0.2 J	2	12 J	
	03/18/2019	ND(1)	1	43	98	142	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/24/2019	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/05/2019	ND(1)	2	12	30	44	2	ND(1)	ND(1)	ND(1)	ND(25)	
	10/10/2019	0.5 J	54	53	140	248 J	13	ND(1)	ND(1)	1	ND(25)	
	03/02/2020	ND(5)	28	36	130	194	10	ND(5)	ND(5)	ND(5)	ND(130)	
	06/22/2020	ND(1.0)	27	25	84	136	0.58 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/11/2020	ND(1.0)	22	27	88	137	0.28 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/05/2020	ND(5.0)	ND(5.0)	ND(5.0)	ND(30)	BRL	ND(5.0)	ND(5.0)	ND(5.0)	ND(25)	ND(250)	
	01/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.4	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/16/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	3.0	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	07/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
08/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.3	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/27/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-27B	01/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	2 J	
	02/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/11/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	05/18/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	11/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	

Table 1

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-27B	01/31/2017	ND(1)	ND(1)	ND(1)	4	4	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	02/28/2017	0.9 J	5	0.8 J	210	217 J	6	ND(1)	ND(1)	1	ND(5)	
	03/10/2017	1	3	1	NA	5	9	ND(1)	ND(1)	2	4 J	
	04/24/2017	1	2	ND(1)	190	193	8	ND(1)	ND(1)	2	3 J	
	05/31/2017	0.9 J	1	ND(1)	160	162 J	8	ND(1)	ND(1)	1	2 J	
	06/27/2017	1	1	ND(1)	130	132	9	ND(1)	ND(1)	1	3 J	
	07/27/2017	1 J	0.8 J	ND(1)	110	112 J	9	ND(1)	ND(1)	1	3 J	
	08/31/2017	0.6 J	ND(1)	ND(1)	53	54 J	10	ND(1)	ND(1)	1	3 J	
	09/26/2017	0.5 J	ND(1)	ND(1)	28	29 J	9	ND(1)	ND(1)	0.8 J	ND(20)	
	10/10/2017	0.5 J	ND(1)	ND(1)	18	19 J	11	ND(1)	ND(1)	1	ND(5)	
	11/15/2017	ND(1)	ND(1)	ND(1)	2	2	11	ND(1)	ND(1)	1	ND(5)	
	12/22/2017	0.6 J	ND(1)	ND(1)	0.6 J	1.2 J	11	ND(1)	ND(1)	1	ND(20)	
	01/31/2018	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	12	ND(1)	ND(1)	1	3 J	
	02/16/2018	0.5 J	ND(1)	ND(1)	ND(1)	0.5 J	10	ND(1)	ND(1)	0.9 J	ND(5)	
	03/08/2018	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	12	ND(1)	ND(1)	1	ND(5)	
	04/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	ND(1)	1 J	ND(5)	
	05/16/2018	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	14	ND(1)	ND(1)	1	3 J	
	06/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	14	ND(1)	ND(1)	1	ND(5)	
	07/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	13	ND(1)	ND(1)	1 J	ND(5)	
	08/20/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	12	ND(1)	ND(1)	0.8 J	ND(25)	
	09/21/2018	0.4 J	ND(1)	ND(1)	ND(5)	0.4 J	15	ND(1)	ND(1)	1	ND(25)	
	10/09/2018	0.6 J	ND(1)	ND(1)	0.5 J	1.1 J	18	ND(1)	0.2 J	2	ND(25)	
	11/29/2018	1	ND(1)	ND(1)	ND(5)	1	34	ND(1)	0.4 J	3	ND(25)	
	12/31/2018	1	ND(1)	ND(1)	ND(5)	1	42	ND(1)	0.4 J	3	ND(25)	
	01/30/2019	1	0.2 J	ND(1)	ND(5)	1 J	34	ND(1)	0.4 J	2	ND(25)	
	02/27/2019	1	0.6 J	ND(1)	ND(5)	2 J	33	ND(1)	0.3 J	3	ND(25)	
03/13/2019	1	0.6 J	ND(1)	ND(5)	2 J	25	ND(1)	ND(1)	2	ND(25)		
04/04/2019	9	2	ND(1)	6	17	80	0.5 J	0.8 J	7	ND(25)		
06/13/2019	1	ND(1)	ND(1)	0.8 J	2 J	120	0.2 J	0.4 J	2	ND(25)		
09/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	19	0.3 J	0.4 J	1	ND(25)		

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Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-27B	10/10/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	13	ND(1)	0.3 J	0.8 J	ND(25)	
	11/05/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	13	ND(1)	0.3 J	0.8 J	ND(25)	
	03/31/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	5	ND(1)	ND(1)	0.3 J	ND(25)	
	04/07/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	6	ND(1)	0.2 J	0.4 J	ND(25)	
	09/08/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/05/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.32 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/16/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.86 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	07/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.1	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.77 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
09/27/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-32	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/07/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	09/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(20)	
	12/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(20)	
	02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	05/25/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	ND(1)	ND(1)	ND(1)	ND(25)	
	10/12/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	12/03/2018	0.8 J	ND(1)	ND(1)	3 J	4 J	40	0.2 J	0.3 J	3	ND(25)	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	5	ND(1)	ND(1)	ND(1)	ND(25)	
	01/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	84	0.7 J	1 J	6	ND(25)	
	03/12/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	17	0.3 J	0.4 J	0.5 J	ND(25)	
06/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	5	ND(1)	0.2 J	ND(1)	ND(25)		
07/30/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)		



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Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-32	11/06/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	03/09/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	21	0.2 J	0.3 J	0.7 J	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.24 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/09/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/25/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	13	ND(1.0)	0.25 J	ND(5.0)	ND(50)	
	04/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	13	ND(1.0)	0.25 J	ND(5.0)	ND(50)	
	07/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.44 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.2	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
09/27/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-38B	01/28/2016	ND(1)	2	ND(1)	ND(1)	2	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	0.8 J	ND(1)	ND(5)	
	03/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	0.5 J	ND(1)	ND(5)	
	04/12/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	05/19/2016	ND(1)	0.5 J	ND(1)	ND(1)	0.5 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	01/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/17/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
06/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
08/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 1

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 7, 2016 through September 27, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-38B	09/18/2017	4	ND(1)	ND(1)	ND(1)	4	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	01/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/08/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/04/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	09/05/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/10/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/08/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	5	ND(1)	ND(1)	0.7 J	ND(25)	
	12/28/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/18/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/19/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/08/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
02/12/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
07/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
08/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/27/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-54B	01/07/2016	ND(5)	ND(5)	ND(5)	ND(5)	BRL	2200	17	55	250	120	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2000	13	43	180	320	
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1200	12	39	130	410	

Table 1

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments	
MW-54B	04/21/2016	ND(5)	ND(5)	ND(5)	ND(5)	BRL	950	6	20	64	210		
	05/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	840	8	27	70	150		
	06/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	720	9	28	56	320		
	07/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1000	14	46	110	430		
	08/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1500	18	53	140	340		
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)		
	10/20/2016	ND(5)	ND(5)	ND(5)	ND(5)	BRL	1200	11	35	120	280		
	11/16/2016	ND(10)	ND(10)	ND(10)	ND(10)	BRL	1200	13	40	160	330		
	12/09/2016	1	0.5 J	ND(1)	ND(1)	2 J	1100	15	43	160	320		
	01/10/2017	0.5 J	ND(1)	ND(1)	ND(1)	0.5 J	1400	17	55	130	62		
	02/09/2017	ND(5)	ND(5)	ND(5)	ND(5)	BRL	1600	23	70	120	49		
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	320	0.7 J	4	17	35		
	04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	220	ND(1)	2	10	11		
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	110	ND(1)	0.9 J	4	ND(5)		
	06/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	110	ND(1)	1 J	4	ND(5)		
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	21	ND(1)	1	1	7		
	08/08/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Pump down for repair
	09/20/2017	3	0.8 J	ND(1)	ND(1)	4 J	44	1 J	3	4	76		
	10/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	330	5	16	21	97		
	11/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	260	5	15	18	19		
	12/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	270	4	12	17	18		
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	14	ND(1)	1	0.7 J	ND(5)		
	02/28/2018	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Pump down for repair
	03/13/2018	4	ND(1)	ND(1)	ND(1)	4	72	2	6	8	160		
	04/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	11	ND(1)	1	1	14		
	05/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	230	4	13	16	140		
06/15/2018	3	1	0.6 J	0.6 J	5 J	34	1	ND(1)	ND(1)	110			
07/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	100	2	6	7	74			
08/10/2018	0.3 J	1	ND(1)	1 J	2 J	45	0.8 J	3	4	ND(25)			
09/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)			

Table 1

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 7, 2016 through September 27, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-54B	10/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	6	1	4	0.3 J	ND(25)	
	11/14/2018	0.7 J	ND(1)	ND(1)	ND(5)	0.7 J	190	4	12	20	510	
	12/20/2018	1	0.2 J	ND(1)	ND(5)	1 J	160	4	12	17	610	
	01/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	110	2	5	8	73	
	02/11/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	67	1	4	5	28	
	02/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	70	1	4	5	26	
	03/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	32	1	4	2	10 J	
	04/11/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	19	1	4	0.7 J	14 J	
	07/31/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	7	0.6 J	2	ND(1)	ND(25)	
	10/21/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	9	0.4 J	2	ND(1)	ND(25)	
	11/05/2019	ND(5)	ND(5)	ND(5)	ND(15)	BRL	8	ND(5)	3 J	ND(5)	ND(130)	
	03/09/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	0.4 J	2	ND(1)	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.43 J	ND(1.0)	0.37 J	ND(5.0)	ND(50)	
	09/09/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	3.6	1.8	5.3	ND(5.0)	ND(50)	
	11/16/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	2.2	ND(1.0)	0.97 J	ND(5.0)	ND(50)	
	01/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.8	1.2	3.0	ND(5.0)	ND(50)	
	04/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	2.1	1.2	3.2	ND(5.0)	ND(50)	
	07/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.3	1.3	3.5	ND(5.0)	ND(50)	
08/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/27/2021	0.75 J	ND(1.0)	ND(1.0)	ND(6.0)	0.75 J	2.4	0.95 J	2.4	ND(5.0)	ND(50)		
MW-82B	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	96	0.9 J	2	3	3 J	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	84	0.7 J	2	2	ND(5)	
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	98	0.8 J	2	3	3 J	
	04/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	71	0.8 J	2	2	ND(20)	
	05/17/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	44	0.7 J	2	1	ND(5)	
	06/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	29	0.5 J	1	0.8 J	ND(5)	
	07/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	26	ND(1)	1 J	0.8 J	ND(5)	
	08/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	29	ND(1)	1	0.7 J	ND(5)	

Table 1

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14528 Jarrettsville Pike  
Phoenix, Maryland**

January 7, 2016 through September 27, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-82B	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(20)	
	10/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	11/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	01/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	07/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	10/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(5)	
	11/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	04/04/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	05/25/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	06/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	07/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	5 J	
	08/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	09/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	10/04/2018	ND(1)	0.2 J	ND(1)	ND(5)	0.2 J	5	ND(1)	ND(1)	ND(1)	ND(25)	
	10/25/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	70	0.4 J	1	2	ND(25)	
11/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
12/31/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	25	0.6 J	2	0.5 J	ND(25)		
01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	28	0.5 J	1	ND(1)	ND(25)		

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14528 Jarrettsville Pike  
Phoenix, Maryland**

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Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-82B	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	22	ND(1)	0.7 J	0.5 J	ND(25)	
	04/12/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	14	0.3 J	0.8 J	ND(1)	ND(25)	
	10/14/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/05/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	ND(1)	0.4 J	ND(1)	ND(25)	
	01/14/2020	0.7 J	ND(1)	ND(1)	ND(3)	0.7 J	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	04/17/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	14	ND(1)	ND(1)	ND(1)	ND(25)	
	10/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	2.7	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	2.3	ND(1.0)	0.20 J	ND(5.0)	ND(50)	
	07/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
09/27/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-82D	08/15/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	6	NA	NA	NA	NA	
	09/06/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	15	ND(1)	0.3 J	0.5 J	ND(25)	
	10/14/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	10	ND(1)	ND(1)	ND(1)	ND(25)	
	11/05/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	8	ND(1)	0.3 J	ND(1)	ND(25)	
	01/14/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	10	ND(1)	0.4 J	ND(1)	ND(25)	
	04/17/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	17	ND(1)	ND(1)	ND(1)	ND(25)	
	08/12/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	3.0	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/04/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	2.0	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/18/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.98 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.85 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
09/27/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-82D(HS-S)	01/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	45	ND(1)	0.6 J	3	3 J	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	59	ND(1)	0.7 J	4	5 J	
	03/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	62	ND(1)	0.7 J	4	ND(5)	
	04/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	58	ND(1)	0.7 J	4	ND(20)	

Table 1

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 7, 2016 through September 27, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-82D(HS-S)	05/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	65	ND(1)	0.8 J	5	ND(5)	
	06/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	59	ND(1)	0.8 J	4	ND(5)	
	07/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	28	ND(1)	ND(1)	2	ND(5)	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	27	ND(1)	ND(1)	2	ND(5)	
	09/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	28	ND(1)	ND(1)	2	ND(20)	
	10/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	26	ND(1)	ND(1)	1	ND(5)	
	11/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	23	ND(1)	ND(1)	2	ND(5)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	11	ND(1)	ND(1)	0.7 J	ND(5)	
	01/31/2017	ND(1)	ND(1)	ND(1)	0.5 J	0.5 J	73	ND(1)	0.9 J	5	ND(5)	
	02/20/2017	0.5 J	ND(1)	ND(1)	0.7 J	1.2 J	92	ND(1)	1	7	ND(5)	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	0.5 J	ND(5)	
	04/28/2017	ND(1)	ND(1)	ND(1)	0.5 J	0.5 J	85	ND(1)	0.9 J	6	ND(5)	
	05/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	ND(1)	1 J	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	21	ND(1)	ND(1)	1	ND(5)	
	07/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	ND(1)	1	ND(5)	
	08/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	21	ND(1)	ND(1)	1	ND(20)	
	10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	ND(1)	1	ND(5)	
	11/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	ND(1)	1	ND(5)	
	12/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	15	ND(1)	ND(1)	1 J	ND(5)	
	01/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	14	ND(1)	ND(1)	0.8 J	7	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	ND(1)	ND(1)	1	ND(5)	
	03/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	
	04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	14	ND(1)	ND(1)	0.8 J	ND(5)	
	05/18/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	ND(1)	ND(1)	1	ND(5)	
	06/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	13	ND(1)	ND(1)	0.7 J	ND(5)	
07/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	24	ND(1)	ND(1)	2	ND(5)		
08/17/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	32	0.2 J	0.5 J	2	ND(25)		
09/06/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	51	0.4 J	1 J	3	ND(25)		
10/04/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	9	ND(1)	ND(1)	0.5 J	15 J		

Table 1

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-82D(HS-S)	11/28/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	120	0.4 J	1	7	ND(25)	
	12/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	85	0.3 J	1	5	ND(25)	
	01/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	8	ND(1)	ND(1)	0.4 J	ND(25)	
	02/25/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	40	0.2 J	0.6 J	3	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	6	ND(1)	ND(1)	ND(1)	ND(25)	
	07/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-82D(HS-M)	01/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	46	ND(1)	0.6 J	3	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	0.7 J	0.7 J	78	ND(1)	1 J	6	5	
	03/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	65	ND(1)	0.7 J	4	2 J	
	04/08/2016	0.6 J	ND(1)	ND(1)	0.7 J	1.3 J	100	ND(1)	1	7	ND(20)	
	05/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	87	ND(1)	1	7	ND(5)	
	06/28/2016	ND(1)	ND(1)	ND(1)	0.5 J	0.5 J	67	ND(1)	0.8 J	5	3 J	
	07/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	29	ND(1)	ND(1)	2	2 J	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	26	ND(1)	ND(1)	2	ND(5)	
	09/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	28	ND(1)	ND(1)	2	ND(20)	
	10/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	31	ND(1)	ND(1)	1	ND(5)	
	11/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	23	ND(1)	ND(1)	1	ND(5)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	48	ND(1)	0.6 J	4	ND(5)	
	01/31/2017	ND(1)	ND(1)	ND(1)	0.6 J	0.6 J	72	ND(1)	0.8 J	5	ND(5)	
	02/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	03/31/2017	0.5 J	ND(1)	ND(1)	0.6 J	1.1 J	97	ND(1)	1	7	ND(5)	
	04/28/2017	0.5 J	ND(1)	ND(1)	0.6 J	1.1 J	97	ND(1)	1	6	ND(5)	
	05/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	ND(1)	1	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	21	ND(1)	ND(1)	1	ND(5)	
	07/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	ND(1)	1	ND(5)	
	08/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	ND(1)	1	ND(5)	
09/22/2017	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	94	ND(1)	1	7	ND(20)		
10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	79	ND(1)	0.9 J	5	ND(5)		
11/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	84	ND(1)	0.9 J	6	ND(5)		
12/18/2017	0.5 J	ND(1)	ND(1)	ND(1)	0.5 J	89	ND(1)	0.9 J	6	ND(5)		



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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-82D(HS-M)	01/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	35	ND(1)	ND(1)	2	ND(5)	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	14	ND(1)	ND(1)	0.9 J	ND(5)	
	03/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	60	ND(1)	0.8 J	4	ND(5)	
	04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	14	ND(1)	ND(1)	0.8 J	ND(5)	
	05/18/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	50	ND(1)	0.6 J	4	ND(5)	
	06/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	13	ND(1)	ND(1)	0.7 J	ND(5)	
	07/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	54	ND(1)	0.7 J	4	ND(5)	
	08/17/2018	0.4 J	ND(1)	ND(1)	ND(5)	0.4 J	64	0.2 J	0.7 J	4	ND(25)	
	09/06/2018	0.5 J	ND(1)	ND(1)	ND(5)	0.5 J	100	ND(1)	1	7	ND(25)	
	10/04/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	9	ND(1)	ND(1)	0.5 J	ND(25)	
	11/28/2018	0.4 J	ND(1)	ND(1)	ND(5)	0.4 J	100	0.4 J	1	6	ND(25)	
	12/19/2018	0.5 J	ND(1)	ND(1)	ND(5)	0.5 J	110	0.4 J	1	7	ND(25)	
	01/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	ND(1)	ND(1)	0.4 J	ND(25)	
	02/25/2019	0.4 J	ND(1)	ND(1)	ND(5)	0.4 J	83	0.3 J	1 J	6	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	6	ND(1)	ND(1)	ND(1)	ND(25)	
07/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-82D(HS-D)	01/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	42	ND(1)	0.5 J	3	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	0.6 J	0.6 J	75	ND(1)	0.9 J	5	5	
	03/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	84	ND(1)	0.9 J	6	2 J	
	04/08/2016	0.5 J	ND(1)	ND(1)	0.5 J	1.0 J	100	ND(1)	1	7	ND(20)	
	05/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	73	ND(1)	0.9 J	5	ND(5)	
	06/28/2016	0.5 J	ND(1)	ND(1)	0.5 J	1.0 J	96	ND(1)	1	7	3 J	
	07/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	27	ND(1)	ND(1)	2	ND(5)	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	26	ND(1)	ND(1)	2	ND(5)	
	09/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	25	ND(1)	ND(1)	1	ND(20)	
	10/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	24	ND(1)	ND(1)	1	ND(5)	
	11/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	23	ND(1)	ND(1)	2	ND(5)	
	12/27/2016	ND(1)	0.6 J	ND(1)	ND(1)	0.6 J	30	ND(1)	ND(1)	2	ND(5)	
	01/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	55	ND(1)	0.7 J	4	ND(5)	
02/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	67	ND(1)	0.8 J	5	ND(5)		

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
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January 7, 2016 through September 27, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-82D(HS-D)	03/31/2017	ND(1)	ND(1)	ND(1)	0.5 J	0.5 J	90	ND(1)	1	7	ND(5)	
	04/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	26	ND(1)	ND(1)	2	ND(5)	
	05/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	ND(1)	1 J	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	21	ND(1)	ND(1)	1	ND(5)	
	07/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	ND(1)	1	ND(5)	
	08/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	ND(1)	1	ND(5)	
	09/22/2017	0.6 J	ND(1)	ND(1)	0.6 J	1.2 J	100	ND(1)	1	8	ND(20)	
	10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	62	ND(1)	0.7 J	4	ND(5)	
	11/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	69	ND(1)	0.7 J	4	ND(5)	
	12/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	81	ND(1)	0.9 J	5	ND(5)	
	01/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	ND(1)	ND(1)	1	ND(5)	
	02/27/2018	0.6 J	0.6 J	ND(1)	0.5 J	1.7 J	97	ND(1)	1	7	2 J	
	03/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	62	ND(1)	0.7 J	4	ND(5)	
	04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	15	ND(1)	ND(1)	0.8 J	ND(5)	
	05/18/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	88	ND(1)	1	6	ND(5)	
	06/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	13	ND(1)	ND(1)	0.7 J	ND(5)	
	07/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	88	ND(1)	1	6	ND(5)	
	08/17/2018	0.4 J	ND(1)	ND(1)	ND(5)	0.4 J	82	0.3 J	0.8 J	5	ND(25)	
	09/06/2018	0.4 J	ND(1)	ND(1)	ND(5)	0.4 J	87	0.4 J	1	6	ND(25)	
	10/04/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	10	ND(1)	ND(1)	0.5 J	31	
	11/28/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	90	0.2 J	1	6	ND(25)	
	12/19/2018	0.5 J	0.2 J	ND(1)	ND(5)	0.7 J	110	0.5 J	1	7	ND(25)	
	01/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	ND(1)	ND(1)	0.4 J	ND(25)	
02/25/2019	0.5 J	ND(1)	ND(1)	ND(5)	0.5 J	110	0.3 J	1	8	ND(25)		
03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	6	ND(1)	ND(1)	ND(1)	ND(25)		
07/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-121	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	

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**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-121	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	4 J	
	05/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/17/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	45	0.4 J	0.9 J	2	ND(25)	
	03/04/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	79	0.5 J	1	3	ND(25)	
	05/21/2019	0.4 J	ND(1)	ND(1)	ND(5)	0.4 J	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	07/30/2019	1	ND(1)	ND(1)	ND(3)	1	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/17/2019	0.4 J	ND(1)	ND(1)	ND(3)	0.4 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/09/2020	0.7 J	ND(1)	ND(1)	ND(3)	0.7 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/23/2020	ND(1.0)	0.31 J	ND(1.0)	ND(6.0)	0.31 J	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/27/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	10/15/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/03/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/25/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	12	ND(1.0)	0.21 J	ND(5.0)	ND(50)	
04/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
07/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
08/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.96 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/27/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-181A	01/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	02/25/2016	1	ND(1)	ND(1)	11	12	130	ND(1)	0.8 J	9	3 J	
	03/22/2016	7	3	ND(1)	94	104	120	ND(1)	0.8 J	8	4 J	
	04/18/2016	5	1	ND(1)	45	51	70	ND(1)	0.6 J	5	2 J	
	05/11/2016	4	1	ND(1)	49	54	70	ND(1)	0.5 J	6	2 J	
	06/28/2016	3	ND(1)	ND(1)	25	28	82	ND(1)	0.7 J	7	3 J	

Table 1

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-181A	07/26/2016	8	ND(1)	ND(1)	13	21	200	0.6 J	1	16	5	
	08/23/2016	5	ND(1)	ND(1)	6	11	150	ND(1)	1	11	4 J	
	09/23/2016	3	ND(1)	ND(1)	5	8	110	ND(1)	0.9 J	8	ND(20)	
	10/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	28	ND(1)	ND(1)	1	ND(5)	
	11/15/2016	11	ND(1)	ND(1)	17	28	260	0.9 J	2	22	7	
	12/22/2016	8	ND(1)	ND(1)	44	52	240	0.7 J	2	19	8	
	01/31/2017	12	ND(1)	ND(1)	49	61	340	1	3	ND(1)	9	
	02/28/2017	5	ND(1)	ND(1)	13	18	350	0.9 J	2	27	9	
	03/28/2017	3	ND(1)	ND(1)	17	20	170	ND(1)	1	11	6	
	04/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/18/2017	5	ND(1)	ND(1)	12	17	200	0.5 J	1	15	5	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	09/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	10/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	11/15/2017	2	ND(1)	ND(1)	ND(1)	2	47	ND(1)	ND(1)	2	8	
	12/15/2017	ND(1)	ND(1)	ND(1)	8	8	140	ND(1)	0.9 J	9	9 J	
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	140	ND(1)	1	10	12	
	02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	03/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	74	ND(1)	0.7 J	4	5	
	04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	64	ND(1)	0.6 J	3	3 J	
	05/23/2018	1	ND(1)	ND(1)	ND(1)	1	63	ND(1)	0.8 J	4	4 J	
	06/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	48	ND(1)	ND(1)	2	ND(5)	
	07/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	60	ND(1)	0.6 J	3	ND(5)	
	08/23/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	30	ND(1)	0.4 J	0.7 J	90	
09/13/2018	ND(1)	ND(1)	ND(1)	3 J	3 J	120	0.4 J	0.9 J	9	11 J		
10/09/2018	0.3 J	ND(1)	ND(1)	2 J	2 J	190	0.9 J	2	17	ND(25)		
11/13/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	120	0.7 J	1	8	13 J		
12/20/2018	3	0.5 J	ND(1)	12	16 J	250	1	2	19	12 J		

Table 1

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 7, 2016 through September 27, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-181A	01/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	230	1 J	2	16	ND(25)	
	02/11/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	52	0.5 J	1	2	14 J	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	36	0.4 J	1 J	1 J	ND(25)	
	05/21/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	25	0.3 J	0.7 J	1	ND(25)	
	07/30/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	19	0.3 J	0.9 J	0.5 J	ND(25)	
	10/17/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	5	ND(1)	0.3 J	ND(1)	ND(25)	
	11/05/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/06/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	0.5 J	1	ND(1)	ND(25)	
	03/09/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	06/25/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.0	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/27/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.92 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.28 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	10/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.23 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.2	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	2.1	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	07/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	6.9	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
08/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.2	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/27/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	9.2	ND(1.0)	0.41 J	ND(5.0)	ND(50)		

**Notes:**

[R] - Indicates the well was used for remediation at the time of reporting.

µg/L - micrograms per liter

AP - above packer

BP - below packer

BRL - Below laboratory reporting limits

BTEX - Benzene, toluene, ethylbenzene, and total xylenes

DIPE - di-isopropyl ether

ETBE - ethyl tert butyl ether

HS - Composite HydraSleeve

HS-D - deep composite HydraSleeve sampler; set at bottom of open borehole

**Table 1**

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
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HS-S - shallow composite HydraSleeve sampler; set at ½ of open borehole

J - Indicates an estimated value

MTBE - methyl tertiary butyl ether

NA - Not analyzed

ND(5.0) - Not detected at or above the laboratory reporting limit, laboratory reporting limit included.

NS - Not sampled

PW - Inactive supply well being used as a monitoring/sampling location

TAME - tert-amyl methyl ether

TBA - tert butyl alcohol

Table 2

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-3 [R]	03/14/2016	ND(1)	2	0.5 J	3	6 J	5	ND(1)	ND(1)	ND(1)	6	
	06/20/2016	4	4	4	8	20	24	ND(1)	0.6 J	2	39	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	170	220	390	270	1050	1000	7 J	16	100	980	
	03/20/2017	2	ND(1)	2	ND(1)	4	99	ND(1)	0.5 J	5	20	
	05/23/2017	73	92	200	120	485	340	ND(5)	8	33	730	
	09/28/2017	10	360	420	840	1630	16	ND(1)	ND(1)	3	6 J	
	12/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	24	ND(1)	ND(1)	2	ND(5)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	08/23/2018	0.4 J	0.5 J	0.3 J	ND(5)	1.2 J	68	0.9 J	2	5	21 J	
	12/17/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/22/2019	1	0.7 J	0.4 J	0.6 J	3 J	20	ND(1)	ND(1)	2	ND(25)	
	03/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	4	ND(1)	ND(1)	ND(1)	ND(25)	
	06/24/2019	ND(1)	3	86	110	199	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/27/2019	40	110	55	150	355	130	1	2	13	74	
	12/12/2019	11	3	11	12	37	63	0.5 J	0.8 J	6	40	
	12/13/2019	34	44	54	73	205	180	2	3	14	100	
	03/02/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.83 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
08/11/2020	0.38 J	0.25 J	ND(1.0)	ND(6.0)	0.63 J	1.2	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
11/05/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
01/14/2021	1.4	2.2	3.5	6.1	13.2	69	0.94 J	1.8	5.9	95		
04/16/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/23/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-16R [R]	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	0.7 J	1	ND(1)	ND(5)	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	

Table 2

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-16R [R]	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	05/23/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2017	1	ND(1)	ND(1)	ND(1)	1	110	1	3	6	29	
	12/27/2017	0.5 J	ND(1)	ND(1)	1	2 J	5	ND(1)	ND(1)	ND(1)	ND(20)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	86	1 J	2	6	19	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	11	0.6 J	0.9 J	ND(1)	3 J	
	08/24/2018	0.9 J	ND(1)	ND(1)	ND(5)	0.9 J	100	1 J	2	9	31	
	12/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	20	0.4 J	0.6 J	3	ND(25)	
	02/25/2019	18	2	1 J	6	27 J	470	3	6	43	89	
	06/11/2019	17	2	2	3 J	24 J	230	2	4	22	ND(25)	
	09/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	0.4 J	0.6 J	ND(1)	ND(25)	
	10/11/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	11/05/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	5	ND(1)	ND(1)	ND(1)	ND(25)	
	03/02/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	9	0.6 J	1	0.4 J	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	38	0.71 J	1.1	1.6 J	ND(50)	
	08/11/2020	1.4	ND(1.0)	0.46 J	ND(6.0)	1.9 J	73	1.2	2.1	5.5	82	
	11/06/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	2.1	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/14/2021	ND(1.0)	ND(1.0)	ND(1.0) F1	ND(6.0)	BRL F1	2.1	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
04/16/2021	0.42 J	ND(1.0)	ND(1.0)	ND(6.0)	0.42 J	42	0.98 J	1.4	ND(5.0)	20 J		
09/23/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.63 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-38C [R]	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	2	ND(1)	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	13	ND(1)	1	ND(1)	ND(5)	
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	2	ND(1)	ND(5)	
	04/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	1	ND(1)	ND(5)	
	05/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	1	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	1	ND(1)	ND(5)	
	07/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	2	ND(1)	ND(5)	
	08/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	1	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	0.9 J	ND(1)	ND(5)	
	11/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	1	ND(1)	ND(5)	



Table 2

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-38C [R]	12/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	0.7 J	ND(1)	ND(5)	
	01/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	0.6 J	ND(1)	ND(5)	
	02/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	0.6 J	ND(1)	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	0.5 J	ND(1)	ND(5)	
	06/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	1	ND(1)	ND(5)	
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	1	ND(1)	ND(5)	
	08/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	17	ND(1)	1 J	0.5 J	ND(5)	
	09/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	19	ND(1)	1 J	ND(1)	ND(20)	
	11/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	69	ND(1)	2	2	ND(5)	
	12/20/2017	ND(1)	ND(1)	ND(1)	2	2	140	0.9 J	3	6	ND(5)	
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	64	ND(1)	2	2	ND(5)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	64	ND(1)	1	2	ND(5)	
	03/09/2018	4	ND(1)	ND(1)	ND(1)	4	200	1	5	11	140	
	04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	150	0.9 J	3	7	ND(5)	
	05/18/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	110	0.7 J	3	5	ND(5)	
	06/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	100	0.9 J	4	6	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	31	0.3 J	1	2	ND(25)	
	09/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	55	0.8 J	3	2	ND(25)	
	10/11/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	18	1	5	ND(1)	ND(25)	
	10/18/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	12	1	5	ND(1)	ND(25)	
	11/12/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	20	1	5	ND(1)	ND(25)	
	12/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	120	2	6	6	12 J	
	01/09/2019	0.5 J	ND(1)	ND(1)	ND(5)	0.5 J	120	2	6	9	160	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	100	2	6	5	ND(25)	
03/19/2019	0.4 J	ND(1)	ND(1)	ND(5)	0.4 J	100	1	5	5	370		
04/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	69	0.8 J	3	3	ND(25)		
06/25/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	10	0.2 J	0.9 J	0.5 J	ND(25)		
07/30/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	6	ND(1)	0.5 J	ND(1)	ND(25)		

Table 2

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-38C [R]	10/18/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.9 J	ND(1)	0.6 J	ND(1)	ND(25)	
	02/19/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.5 J	ND(1)	0.6 J	ND(1)	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	44	0.44 J	2.0	2.0 J	67	
	08/12/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	110	0.74 J	3.0	5.4	79	
	11/03/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	59	0.53 J	2.3	2.7 J	ND(50)	
	01/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	88	0.90 J	3.3	4.1 J	ND(50)	
	04/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	52	0.61 J	2.5	1.8 J	ND(50)	
	09/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-45 [R]	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	480	3	8	29	18	
	06/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	460	2	7	24	41	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	12/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	17	ND(1)	0.8 J	2	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	350	3	7	18	27	
	09/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(20)	
	12/20/2017	0.8 J	ND(1)	ND(1)	ND(1)	0.8 J	180	1	2	15	37	
	03/01/2018	3	ND(1)	ND(1)	ND(1)	3	500	3	8	18	18	
	05/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2018	0.7 J	ND(1)	ND(1)	ND(5)	0.7 J	630	3	10	21	ND(25)	
	11/13/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1100	5	16	31	ND(25)	
	02/11/2019	0.8 J	ND(1)	ND(1)	ND(5)	0.8 J	540	2	9	14	31	
	04/04/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	350	2	7	10	20 J	
	05/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	31	0.3 J	0.8 J	2	ND(25)	
	07/31/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/21/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	190	2	6	6	ND(25)	
	11/05/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	130	1	4	3	ND(25)	
	12/12/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	160	1	4	5	ND(25)	
	01/27/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	160	1	4	5	ND(25)	
03/10/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	30	0.7 J	2	2	ND(25)		
04/15/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	17	0.6 J	2	1 J	ND(25)		
09/09/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.48 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 2

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-45 [R]	11/16/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	37	0.52 J	1.7	1.1 J	ND(50)	
	01/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	49 F1	0.80 J	2.5	1.4 J	ND(50)	
	04/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	39	0.83 J	2.0	ND(5.0)	ND(50)	
	09/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.0	ND(1.0)	0.44 J	ND(5.0)	ND(50)	
MW-45R [R]	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	490	3	8	29	18	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	0.5 J	ND(1)	ND(20)	
	12/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	ND(1)	0.7 J	2	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	430	3	8	27	56	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(20)	
	12/20/2017	0.7 J	ND(1)	ND(1)	ND(1)	0.7 J	170	0.9 J	2	14	39	
	03/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/13/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	1100	5	15	31	ND(25)	
	02/11/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/05/2019	0.5 J	ND(1)	ND(1)	ND(5)	0.5 J	330	2	7	9	18 J	
	05/21/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	13	ND(1)	0.5 J	0.4 J	ND(25)	
	07/31/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	250	1	4	5	11 J	
	11/05/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/12/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	03/10/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	28	0.6 J	2	2	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	2.5	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
09/09/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	86	1.0	3.2	2.5 J	ND(50)		
11/16/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
01/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	48	0.86 J	2.4	1.5 J	ND(50)		
04/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	44	0.85 J	2.4	ND(5.0)	ND(50)		
09/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.3	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 2

**Summary of Groundwater Analytical Results**  
**Inactive Exxon Facility #28077**  
**14528 Jarrettsville Pike**  
**Phoenix, Maryland**

January 7, 2016 through September 27, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-73C [R]	04/10/2019	8	ND(1)	ND(1)	ND(5)	8	190	1	5	10	190	
	04/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	05/21/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	86	1	4	5	300	
	07/29/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	1	5	ND(1)	ND(25)	
	08/15/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	NA	NA	NA	NA	
	09/06/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	2	9	ND(1)	ND(25)	
	11/05/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	7	3	11	ND(1)	ND(25)	
	12/20/2019	3	ND(1)	0.3 J	ND(3)	3 J	260	5	16	15	740	
	03/30/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	110	3	12	7	600	
	06/16/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	52	3.2	12	1.6 J	ND(50)	
	06/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	28	3.1	12	ND(5.0)	ND(50)	
	09/10/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.80 J	2.2	7.9	ND(5.0)	ND(50)	
	11/03/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	2.7	ND(1.0)	0.60 J	ND(5.0)	13 J	
	11/16/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	0.39 J	ND(5.0)	ND(50)	
04/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.7	0.33 J	1.4	ND(5.0)	ND(50)		
07/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-138D [R]	04/11/2019	4	0.5 J	0.2 J	0.7 J	5 J	270	0.9 J	3	19	ND(25)	
	05/08/2019	4	0.6 J	0.8 J	3 J	8 J	420	1	5	28	ND(25)	
	06/26/2019	0.7 J	ND(1)	ND(1)	ND(5)	0.7 J	410	2	5	27	ND(25)	
	09/12/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	320	1	4	24	ND(25)	
	10/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	390	1	4	26	ND(25)	
	11/04/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	340	1	4	19	ND(25)	
	12/06/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	340	1	4	20	ND(25)	
	12/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	310	1	4	18	ND(25)	
	01/03/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	290	1	4	15	ND(25)	
	01/10/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	250	1	4	13	ND(25)	
	02/14/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	240	1	4	9	ND(25)	
	03/11/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	170	1	3	5	ND(25)	
	04/15/2020	0.7 J	ND(1)	ND(1)	ND(3)	0.7 J	3	0.4 J	1	0.4 J	ND(25)	
	04/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	190	1	3	ND(1)	ND(25)	
04/22/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	170	1	3	4	ND(25)		

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**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-138D [R]	04/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	190	1	3	4	ND(25)	
	04/24/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	170	1	3	3	ND(25)	
	04/27/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	150	1	3	2	ND(25)	
	08/12/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	120	1.2	3.5	1.5 J	ND(50)	
	11/04/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	41	0.73 J	2.6	ND(5.0)	ND(50)	
	11/16/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	76	0.79 J	2.5	ND(5.0)	ND(50)	
	01/18/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	43	0.91 J	2.9	ND(5.0)	ND(50)	
	04/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	38	0.93 J	2.6	ND(5.0)	ND(50)	
	09/23/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.63 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-138D (77-82)	01/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/18/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	05/11/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	02/28/2017	11	ND(5)	ND(5)	ND(5)	11	640	ND(5)	7	39	ND(25)	
	03/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/30/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/28/2017	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	26	ND(1)	ND(1)	2	ND(5)	
07/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	6		
08/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
09/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(20)		
10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(20)		

Table 2

**Summary of Groundwater Analytical Results**  
**Inactive Exxon Facility #28077**  
**14528 Jarrettsville Pike**  
**Phoenix, Maryland**

January 7, 2016 through September 27, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-138D (77-82)	11/16/2017	7	ND(1)	ND(1)	ND(1)	7	470	2	6	34	ND(20)	
	12/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/30/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	02/20/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	03/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(20)	
	04/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/18/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	07/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/18/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/29/2018	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	1	ND(1)	ND(1)	ND(1)	ND(25)	
	12/21/2018	ND(1)	0.3 J	ND(1)	ND(5)	0.3 J	1	ND(1)	ND(1)	ND(1)	ND(25)	
	01/11/2019	ND(1)	0.2 J	ND(1)	ND(5)	0.2 J	1	ND(1)	ND(1)	0.3 J	ND(25)	
02/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
03/04/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)		
MW-138D (95-100)	01/29/2016	2	ND(1)	ND(1)	ND(1)	2	160	0.7 J	2	12	ND(5)	
	02/18/2016	5	ND(1)	ND(1)	ND(1)	5	340	1	4	25	ND(5)	
	03/29/2016	6	ND(1)	ND(1)	ND(1)	6	270	1	3	19	2 J	
	04/08/2016	5	ND(1)	ND(1)	ND(1)	5	310	1	4	24	ND(20)	
	05/11/2016	2	ND(1)	ND(1)	ND(1)	2	110	ND(1)	1	8	ND(5)	
	06/30/2016	4	ND(1)	ND(1)	ND(1)	4	280	1	3	19	2 J	
	07/29/2016	3	ND(1)	ND(1)	ND(1)	3	280	0.9 J	3	18	ND(5)	
	08/31/2016	2	ND(1)	ND(1)	ND(1)	2	270	0.9 J	3	17	2 J	
	09/30/2016	4	ND(1)	ND(1)	ND(1)	4	250	1 J	3	18	ND(20)	
	10/31/2016	3	ND(1)	ND(1)	ND(1)	3	160	ND(1)	2	10	ND(5)	
	11/30/2016	3	ND(1)	ND(1)	ND(1)	3	150	0.6 J	2	13	ND(5)	
	12/28/2016	3	ND(1)	ND(1)	ND(1)	3	210	0.8 J	3	17	ND(5)	
	01/31/2017	8	ND(1)	ND(1)	ND(1)	8	730	2	9	53	4 J	

Table 2

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-138D (95-100)	02/28/2017	5	ND(5)	ND(5)	ND(5)	5	760	ND(5)	7	43	ND(25)	
	03/30/2017	11	ND(1)	ND(1)	ND(1)	11	600	2	6	40	ND(5)	
	04/27/2017	10	ND(1)	ND(1)	0.6 J	11 J	610	2	7	41	2 J	
	05/30/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/28/2017	6	ND(1)	ND(1)	ND(1)	6	580	2	6	37	ND(5)	
	07/31/2017	8	ND(5)	ND(5)	ND(5)	8	660	ND(5)	7	41	ND(25)	
	08/11/2017	6	ND(1)	ND(1)	ND(1)	6	380	1	4	25	ND(5)	
	09/28/2017	5	ND(1)	ND(1)	ND(1)	5	640	2	8	47	ND(20)	
	10/25/2017	6	ND(1)	ND(1)	ND(1)	6	570	2	7	41	39	
	11/16/2017	7	ND(1)	ND(1)	ND(1)	7	480	2	5	33	ND(20)	
	12/18/2017	6	ND(1)	ND(1)	ND(1)	6	370	1	4	24	2 J	
	01/30/2018	5	ND(1)	ND(1)	ND(1)	5	190	0.7 J	2	14	ND(5)	
	02/20/2018	7	ND(1)	ND(1)	ND(1)	7	350	1	4	24	ND(5)	
	03/12/2018	6	ND(1)	ND(1)	ND(1)	6	360	2	5	29	ND(20)	
	04/27/2018	5	ND(5)	ND(5)	ND(5)	5	410	ND(5)	5 J	29	ND(25)	
	05/18/2018	6	ND(1)	ND(1)	ND(1)	6	380	1	4	29	ND(5)	
	06/12/2018	5	ND(1)	ND(1)	ND(1)	5	150	0.6 J	2	10	ND(5)	
	07/09/2018	2	ND(1)	ND(1)	ND(1)	2	35	ND(1)	ND(1)	2	ND(5)	
	08/20/2018	3	0.2 J	ND(1)	ND(5)	3 J	59	0.2 J	0.6 J	4	ND(25)	
	09/19/2018	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	17	ND(1)	ND(1)	0.9 J	ND(25)	
10/18/2018	3	ND(1)	ND(1)	ND(5)	3	350	1	4	25	ND(25)		
11/29/2018	2	0.2 J	ND(1)	ND(5)	2 J	300	0.9 J	3	18	ND(25)		
12/21/2018	2	0.2 J	ND(1)	ND(5)	2 J	380	1	4	21	ND(25)		
01/11/2019	2	0.3 J	ND(1)	ND(5)	2 J	350	1	3	21	ND(25)		
02/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
03/04/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)		
MW-138D (120-125)	01/29/2016	12	0.7 J	3	3	19 J	400	2	5	33	4 J	
	02/18/2016	10	ND(1)	2	3	15	420	2	6	32	3 J	
	03/29/2016	13	0.6 J	3	3	20 J	410	2	5	30	2 J	
	04/08/2016	11	0.5 J	2	3	17 J	400	2	5	31	ND(20)	
	05/11/2016	8	ND(5)	ND(5)	ND(5)	8	320	ND(5)	4 J	23	ND(25)	

Table 2

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments	
MW-138D (120-125)	06/30/2016	11	0.5 J	2	3	17 J	410	2	5	30	ND(5)		
	07/29/2016	3	ND(1)	ND(1)	ND(1)	3	340	1	4	21	ND(5)		
	08/31/2016	6	ND(1)	0.8 J	1	8 J	420	1	5	29	3 J		
	09/30/2016	9	ND(1)	1	2	12	470	2	6	36	ND(20)		
	10/31/2016	9	0.5 J	1	3	14 J	390	1	5	27	3 J		
	11/30/2016	5	ND(1)	0.8 J	1	7 J	410	2	5	34	2 J		
	12/28/2016	6	ND(1)	0.9 J	2	9 J	390	2	5	33	3 J		
	01/31/2017	14	0.6 J	2	2	19 J	630	2	8	48	3 J		
	02/28/2017	11	ND(5)	ND(5)	ND(5)	11	610	ND(5)	6	37	ND(25)		
	03/30/2017	13	ND(1)	3	2	18	420	2	5	29	ND(5)		
	04/27/2017	13	ND(1)	3	4	20	450	2	5	31	2 J		
	05/30/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/28/2017	12	ND(1)	2	1	15	590	2	6	40	ND(5)		
	07/31/2017	12	ND(5)	3 J	ND(5)	15 J	490	ND(5)	5	32	ND(25)		
	08/11/2017	12	ND(1)	2	3	17	530	2	6	38	ND(5)		
	09/22/2017	11	ND(1)	2	2	15	510	2	6	39	ND(20)		
	09/28/2017	3	ND(1)	ND(1)	ND(1)	3	360	1	4	26	ND(20)		
	10/05/2017	7	ND(1)	ND(1)	ND(1)	7	700	2	8	46	3 J		
	10/13/2017	12	ND(1)	2	2	16	530	2	6	36	3 J		
	10/20/2017	8	ND(1)	2	3	13	610	2	7	43	3 J		
	10/25/2017	9	ND(1)	2	2	13	550	2	7	42	36		
	11/16/2017	2	ND(1)	ND(1)	ND(1)	2	210	0.7 J	2	13	ND(20)		
	12/18/2017	7	ND(1)	1	1	9	510	2	5	35	4 J		
	01/30/2018	9	ND(1)	2	2	13	530	2	6	33	3 J		
	02/20/2018	15	ND(1)	3	5	23	410	1	5	30	3 J		
	03/12/2018	11	ND(1)	2	2	15	400	2	5	32	ND(20)		
	04/27/2018	10	ND(5)	ND(5)	ND(5)	10	480	ND(5)	6	35	ND(25)		
	05/18/2018	11	0.7 J	2	2	16 J	530	2	6	41	3 J		
06/12/2018	11	0.6 J	2	4	18 J	470	2	5	32	ND(5)			
07/09/2018	5	ND(1)	1	2	8	350	1	4	23	ND(5)			



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14528 Jarrettsville Pike  
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Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments	
MW-138D (120-125)	08/20/2018	6	0.4 J	1	0.9 J	8 J	320	1	4	25	ND(25)		
	09/19/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	19	ND(1)	ND(1)	1	ND(25)		
	10/18/2018	6	0.4 J	2	1 J	9 J	450	2	6	33	ND(25)		
	11/29/2018	2	0.3 J	1	2 J	5 J	680	2	7	42	ND(25)		
	12/21/2018	4	0.5 J	1	1 J	7 J	570	2	5	33	ND(25)		
	01/11/2019	5	0.6 J	1	1 J	8 J	540	2	6	36	ND(25)		
	02/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)		
	03/04/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)		
MW-138D (151-156)	01/29/2016	5	ND(1)	ND(1)	ND(1)	5	350	2	4	26	2 J		
	02/18/2016	4	ND(1)	ND(1)	ND(1)	4	320	1	4	22	ND(5)		
	03/29/2016	5	ND(1)	ND(1)	ND(1)	5	320	1	4	21	2 J		
	04/08/2016	3	ND(1)	ND(1)	ND(1)	3	300	1	4	20	ND(20)		
	05/11/2016	3	ND(1)	ND(1)	ND(1)	3	210	0.8 J	3	15	ND(5)		
	06/30/2016	4	ND(1)	ND(1)	ND(1)	4	360	1	4	24	ND(5)		
	07/29/2016	8	ND(1)	2	2	12	390	1	5	26	ND(5)		
	08/31/2016	2	ND(1)	ND(1)	ND(1)	2	340	1	4	21	ND(5)		
	09/30/2016	6	ND(1)	0.6 J	0.8 J	7 J	360	2	7	35	28		
	10/31/2016	3	ND(1)	ND(1)	ND(1)	3	310	0.8 J	3	19	ND(5)		
	11/30/2016	2	ND(1)	ND(1)	ND(1)	2	280	1	3	22	ND(5)		
	12/28/2016	2	ND(1)	ND(1)	ND(1)	2	320	1	4	25	2 J		
	01/31/2017	5	ND(1)	ND(1)	ND(1)	5	420	1	5	29	ND(5)		
	02/28/2017	0.6 J	0.7 J	ND(1)	ND(1)	1.3 J	290	0.6 J	3	12	ND(5)		
	03/30/2017	6	ND(1)	ND(1)	ND(1)	6	400	1	4	25	ND(5)		
	04/27/2017	4	ND(1)	ND(1)	ND(1)	4	280	0.9 J	3	17	ND(5)		
	05/30/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/28/2017	4	ND(1)	ND(1)	ND(1)	4	430	1	4	26	ND(5)		
	07/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	17	ND(1)	ND(1)	0.9 J	ND(5)		
	08/11/2017	5	ND(1)	ND(1)	ND(1)	5	410	1	4	29	ND(5)		
09/28/2017	8	ND(1)	1	1	10	400	2	5	31	ND(20)			
10/25/2017	4	ND(1)	ND(1)	ND(1)	4	510	2	5	32	ND(20)			

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-138D (151-156)	11/16/2017	4	ND(1)	ND(1)	ND(1)	4	510	2	6	35	ND(20)	
	12/18/2017	4	ND(1)	ND(1)	ND(1)	4	530	2	5	33	3 J	
	01/30/2018	9	ND(1)	2	2	13	500	2	6	32	3 J	
	02/20/2018	4	ND(1)	ND(1)	ND(1)	4	270	0.8 J	3	17	ND(5)	
	03/12/2018	11	ND(1)	2	2	15	400	2	5	32	ND(20)	
	04/27/2018	3 J	ND(5)	ND(5)	ND(5)	3 J	400	ND(5)	4 J	26	ND(25)	
	05/18/2018	4	0.5 J	ND(1)	ND(1)	5 J	490	1	5	33	3 J	
	06/12/2018	4	ND(1)	ND(1)	ND(1)	4	440	2	5	26	ND(5)	
	07/09/2018	2	ND(1)	ND(1)	ND(1)	2	160	0.6 J	2	9	ND(5)	
	08/20/2018	3	0.4 J	ND(1)	ND(5)	3 J	190	0.7 J	2	12	ND(25)	
	09/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	26	ND(1)	ND(1)	1	ND(25)	
	10/18/2018	0.6 J	0.5 J	ND(1)	ND(5)	1.1 J	15	ND(1)	0.3 J	1	ND(25)	
	11/29/2018	4	0.3 J	ND(1)	0.7 J	5 J	770	2	8	45	ND(25)	
	12/21/2018	3	0.4 J	ND(1)	ND(5)	3 J	790	2	7	44	ND(25)	
	01/11/2019	3	0.4 J	ND(1)	ND(5)	3 J	910	3	10	59	ND(25)	
02/09/2019	7	0.7 J	1	4 J	13 J	250	0.9 J	3	18	ND(25)		
03/04/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	240	0.8 J	3	16	ND(25)		
MW-138D (190-200)	01/29/2016	0.5 J	0.7 J	ND(1)	ND(1)	1.2 J	48	ND(1)	0.6 J	3	ND(5)	
	02/18/2016	0.5 J	0.7 J	ND(1)	ND(1)	1.2 J	130	ND(1)	1	6	ND(5)	
	03/29/2016	ND(1)	0.6 J	ND(1)	ND(1)	0.6 J	51	ND(1)	0.5 J	3	ND(5)	
	04/08/2016	0.5 J	ND(1)	ND(1)	ND(1)	0.5 J	11	ND(1)	ND(1)	0.7 J	ND(20)	
	05/11/2016	0.5 J	ND(1)	ND(1)	ND(1)	0.5 J	15	ND(1)	ND(1)	0.8 J	ND(5)	
	06/30/2016	0.5 J	ND(1)	ND(1)	ND(1)	0.5 J	210	0.6 J	2	11	ND(5)	
	07/29/2016	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	300	0.7 J	3	12	ND(5)	
	08/31/2016	0.5 J	0.6 J	ND(1)	ND(1)	1.1 J	200	ND(1)	2	9	ND(5)	
	09/30/2016	0.6 J	0.8 J	ND(1)	ND(1)	1.4 J	33	ND(1)	ND(1)	2	ND(20)	
	10/31/2016	0.5 J	0.7 J	ND(1)	ND(1)	1.2 J	43	ND(1)	ND(1)	2	ND(5)	
	11/30/2016	ND(1)	0.8 J	ND(1)	ND(1)	0.8 J	58	ND(1)	0.6 J	3	ND(5)	
	12/28/2016	0.5 J	0.8 J	ND(1)	ND(1)	1.3 J	35	ND(1)	ND(1)	3	ND(5)	
01/31/2017	ND(1)	0.7 J	ND(1)	ND(1)	0.7 J	41	ND(1)	ND(1)	2	ND(5)		

Table 2

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-138D (190-200)	02/28/2017	0.5 J	0.7 J	ND(1)	ND(1)	1.2 J	320	0.7 J	3	14	ND(5)	
	03/30/2017	0.7 J	ND(1)	ND(1)	ND(1)	0.7 J	79	ND(1)	0.8 J	3	ND(5)	
	04/27/2017	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	110	ND(1)	1	5	ND(5)	
	05/30/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/28/2017	0.6 J	0.6 J	ND(1)	ND(1)	1.2 J	210	ND(1)	2	9	ND(5)	
	07/31/2017	4	ND(1)	ND(1)	ND(1)	4	400	2	5	27	4 J	
	08/11/2017	0.5 J	ND(1)	ND(1)	ND(1)	0.5 J	56	ND(1)	0.6 J	3	ND(5)	
	09/28/2017	0.6 J	0.6 J	ND(1)	ND(1)	1.2 J	290	0.9 J	3	15	ND(20)	
	10/25/2017	4	ND(1)	ND(1)	ND(1)	4	500	2	5	33	ND(20)	
	11/16/2017	4	ND(1)	ND(1)	ND(1)	4	510	2	6	34	ND(20)	
	12/18/2017	4	ND(1)	ND(1)	ND(1)	4	530	2	5	33	3 J	
	01/30/2018	4	ND(1)	ND(1)	ND(1)	4	520	2	6	32	3 J	
	02/20/2018	0.7 J	0.6 J	ND(1)	ND(1)	1.3 J	53	ND(1)	0.5 J	2	ND(5)	
	03/12/2018	4	ND(1)	ND(1)	ND(1)	4	310	2	4	23	ND(20)	
	04/27/2018	0.6 J	0.8 J	ND(1)	ND(1)	1.4 J	75	ND(1)	0.8 J	4	ND(5)	
	05/18/2018	0.8 J	0.9 J	ND(1)	ND(1)	1.7 J	350	0.9 J	3	19	4 J	
	06/12/2018	0.7 J	0.8 J	ND(1)	ND(1)	1.5 J	280	0.8 J	3	13	ND(5)	
	07/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	77	ND(1)	0.7 J	4	ND(5)	
	08/20/2018	0.5 J	0.5 J	ND(1)	ND(5)	1.0 J	9	ND(1)	ND(1)	0.6 J	ND(25)	
	09/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	12	ND(1)	ND(1)	0.6 J	ND(25)	
10/18/2018	2	0.3 J	ND(1)	ND(5)	2 J	240	0.9 J	3	18	ND(25)		
11/29/2018	1 J	0.5 J	ND(1)	ND(5)	2 J	340	1 J	3	15	ND(25)		
12/21/2018	0.7 J	0.8 J	ND(1)	ND(5)	1.5 J	220	0.7 J	2	9	ND(25)		
01/11/2019	0.7 J	0.8 J	ND(1)	ND(5)	1.5 J	520	1	5	25	ND(25)		
02/09/2019	3	2	0.8 J	2 J	8 J	180	0.7 J	2	12	ND(25)		
03/04/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	170	0.5 J	2	11	ND(25)		
MW-138D (217-222)	01/29/2016	ND(1)	1	ND(1)	ND(1)	1	56	ND(1)	0.6 J	2	ND(5)	
	02/18/2016	ND(1)	1	ND(1)	ND(1)	1	88	ND(1)	1 J	4	ND(5)	
	03/29/2016	ND(1)	0.8 J	ND(1)	ND(1)	0.8 J	15	ND(1)	ND(1)	0.7 J	ND(5)	
	04/08/2016	ND(1)	1 J	ND(1)	ND(1)	1 J	3	ND(1)	ND(1)	ND(1)	ND(20)	

Table 2

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments	
MW-138D (217-222)	05/11/2016	0.6 J	0.8 J	ND(1)	ND(1)	1.4 J	2	ND(1)	ND(1)	ND(1)	ND(5)		
	06/30/2016	ND(1)	1 J	ND(1)	ND(1)	1 J	57	ND(1)	0.6 J	2	ND(5)		
	07/29/2016	ND(1)	1	ND(1)	ND(1)	1	67	ND(1)	0.6 J	2	ND(5)		
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	64	ND(1)	ND(1)	2	ND(5)		
	09/30/2016	0.6 J	4	ND(1)	ND(1)	5 J	59	ND(1)	0.6 J	2	ND(20)		
	10/31/2016	ND(1)	1	ND(1)	ND(1)	1	65	ND(1)	0.6 J	3	ND(5)		
	11/30/2016	ND(1)	1 J	ND(1)	ND(1)	1 J	24	ND(1)	ND(1)	2	ND(5)		
	12/28/2016	0.5 J	4	ND(1)	ND(1)	5 J	4	ND(1)	ND(1)	ND(1)	7		
	01/31/2017	0.5 J	2	ND(1)	ND(1)	3 J	8	ND(1)	ND(1)	0.6 J	ND(5)		
	02/28/2017	0.5 J	1	ND(1)	ND(1)	2 J	11	ND(1)	ND(1)	0.8 J	ND(5)		
	03/30/2017	0.7 J	0.8 J	ND(1)	ND(1)	1.5 J	1	ND(1)	ND(1)	ND(1)	ND(5)		
	04/27/2017	0.5 J	0.8 J	ND(1)	ND(1)	1.3 J	25	ND(1)	ND(1)	1	ND(5)		
	05/30/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/28/2017	ND(1)	1	ND(1)	ND(1)	1	5	ND(1)	ND(1)	0.6 J	ND(5)		
	07/31/2017	0.9 J	1	ND(1)	ND(1)	2 J	7	ND(1)	ND(1)	0.7 J	ND(5)		
	08/11/2017	0.7 J	0.8 J	ND(1)	ND(1)	1.5 J	8	ND(1)	ND(1)	ND(1)	ND(5)		
	09/28/2017	0.7 J	0.9 J	ND(1)	ND(1)	1.6 J	21	ND(1)	ND(1)	0.9 J	ND(20)		
	10/25/2017	0.7 J	1	ND(1)	ND(1)	2 J	9	ND(1)	ND(1)	0.9 J	ND(20)		
	11/16/2017	0.7 J	1	ND(1)	ND(1)	2 J	5	ND(1)	ND(1)	0.6 J	ND(20)		
	12/18/2017	0.6 J	1	ND(1)	ND(1)	2 J	4	ND(1)	ND(1)	ND(1)	ND(5)		
	01/30/2018	0.6 J	2	ND(1)	ND(1)	3 J	4	ND(1)	ND(1)	0.6 J	ND(5)		
	02/20/2018	0.5 J	0.8 J	ND(1)	ND(1)	1.3 J	71	ND(1)	0.6 J	2	ND(5)		
	03/12/2018	0.6 J	0.9 J	ND(1)	ND(1)	1.5 J	210	0.9 J	2	10	ND(20)		
	04/27/2018	ND(1)	1	ND(1)	ND(1)	1	83	ND(1)	0.9 J	4	ND(5)		
	05/18/2018	0.7 J	2	ND(1)	ND(1)	3 J	99	ND(1)	1	5	ND(5)		
	06/12/2018	0.7 J	1	ND(1)	ND(1)	2 J	65	ND(1)	0.7 J	3	ND(5)		
	07/09/2018	0.9 J	0.8 J	ND(1)	ND(1)	1.7 J	13	ND(1)	ND(1)	1	ND(5)		
08/20/2018	0.6 J	1	ND(1)	ND(5)	2 J	38	ND(1)	0.3 J	2	ND(25)			
09/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)			
10/18/2018	0.7 J	0.9 J	ND(1)	ND(5)	1.6 J	38	ND(1)	0.5 J	2	ND(25)			
11/29/2018	0.9 J	0.8 J	ND(1)	ND(5)	1.7 J	17	ND(1)	0.2 J	0.8 J	ND(25)			

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Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments	
MW-138D (217-222)	12/21/2018	0.7 J	0.7 J	ND(1)	ND(5)	1.4 J	210	0.7 J	2	9	ND(25)		
	01/11/2019	0.9 J	1 J	ND(1)	ND(5)	2 J	160	0.2 J	1 J	4	ND(25)		
	02/09/2019	4	5	0.9 J	4 J	14 J	330	1	4	22	ND(25)		
	03/04/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	340	1	4	23	ND(25)		
MW-138D (250-255)	01/29/2016	ND(1)	1	ND(1)	ND(1)	1	39	ND(1)	ND(1)	1	ND(5)		
	02/18/2016	ND(1)	1	ND(1)	ND(1)	1	88	ND(1)	1 J	4	ND(5)		
	03/29/2016	0.6 J	3	ND(1)	ND(1)	4 J	17	ND(1)	ND(1)	0.7 J	ND(5)		
	04/08/2016	0.5 J	3	ND(1)	ND(1)	4 J	9	ND(1)	ND(1)	0.6 J	ND(20)		
	05/11/2016	0.7 J	3	ND(1)	ND(1)	4 J	5	ND(1)	ND(1)	ND(1)	ND(5)		
	06/30/2016	0.7 J	3	ND(1)	ND(1)	4 J	25	ND(1)	ND(1)	0.8 J	ND(5)		
	07/29/2016	ND(1)	3	ND(1)	ND(1)	3	23	ND(1)	ND(1)	0.7 J	ND(5)		
	08/31/2016	ND(1)	3	ND(1)	ND(1)	3	16	ND(1)	ND(1)	0.8 J	ND(5)		
	09/30/2016	ND(1)	1	ND(1)	ND(1)	1	64	ND(1)	0.8 J	3	ND(20)		
	10/31/2016	ND(1)	4	ND(1)	ND(1)	4	41	ND(1)	ND(1)	1	ND(5)		
	11/30/2016	ND(1)	3	ND(1)	ND(1)	3	24	ND(1)	ND(1)	1	ND(5)		
	12/28/2016	0.5 J	3	ND(1)	ND(1)	4 J	11	ND(1)	ND(1)	1 J	ND(5)		
	01/31/2017	0.7 J	4	ND(1)	ND(1)	5 J	8	ND(1)	ND(1)	0.8 J	ND(5)		
	02/28/2017	0.7 J	3	ND(1)	ND(1)	4 J	57	ND(1)	ND(1)	1	ND(5)		
	03/30/2017	1	2	ND(1)	ND(1)	3	15	ND(1)	ND(1)	1	ND(5)		
	04/27/2017	1 J	1	ND(1)	ND(1)	2 J	25	ND(1)	ND(1)	1	ND(5)		
	05/30/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/28/2017	0.6 J	3	ND(1)	ND(1)	4 J	51	ND(1)	ND(1)	2	ND(5)		
	07/31/2017	1	1	ND(1)	ND(1)	2	9	ND(1)	ND(1)	1	ND(5)		
	08/11/2017	ND(1)	1	ND(1)	ND(1)	1	26	ND(1)	ND(1)	1	ND(5)		
	09/28/2017	0.6 J	2	ND(1)	ND(1)	3 J	22	ND(1)	ND(1)	1	ND(20)		
	10/25/2017	1 J	2	ND(1)	ND(1)	3 J	17	ND(1)	ND(1)	0.9 J	ND(20)		
	11/16/2017	0.7 J	1	ND(1)	ND(1)	2 J	5	ND(1)	ND(1)	0.6 J	ND(20)		
	12/18/2017	0.6 J	1	ND(1)	ND(1)	2 J	4	ND(1)	ND(1)	0.6 J	ND(5)		
01/30/2018	0.6 J	2	ND(1)	ND(1)	3 J	12	ND(1)	ND(1)	1	ND(5)			
02/20/2018	0.9 J	1 J	ND(1)	ND(1)	2 J	40	ND(1)	ND(1)	1	ND(5)			
03/12/2018	0.7 J	2	ND(1)	ND(1)	3 J	11	ND(1)	ND(1)	0.9 J	ND(20)			

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Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-138D (250-255)	04/27/2018	0.8 J	1	ND(1)	ND(1)	2 J	47	ND(1)	ND(1)	2	ND(5)	
	05/18/2018	0.9 J	2	ND(1)	ND(1)	3 J	44	ND(1)	0.5 J	3	ND(5)	
	06/12/2018	0.9 J	1	ND(1)	ND(1)	2 J	50	ND(1)	0.5 J	2	ND(5)	
	07/09/2018	0.5 J	2	ND(1)	ND(1)	3 J	8	ND(1)	ND(1)	ND(1)	ND(5)	
	08/20/2018	0.9 J	1	ND(1)	ND(5)	2 J	18	ND(1)	0.2 J	1	ND(25)	
	09/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	10/18/2018	0.9 J	1 J	ND(1)	ND(5)	2 J	34	ND(1)	0.4 J	2	ND(25)	
	11/29/2018	1	0.8 J	ND(1)	ND(5)	2 J	12	ND(1)	0.2 J	1	ND(25)	
	12/21/2018	1 J	1	ND(1)	ND(5)	2 J	13	ND(1)	0.3 J	1	ND(25)	
	01/11/2019	0.9 J	1	ND(1)	ND(5)	2 J	160	0.2 J	1	4	ND(25)	
	02/09/2019	4	5	0.9 J	3 J	13 J	330	1	4	22	ND(25)	
03/04/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	360	1	4	25	ND(25)		
MW-138D (288-293)	01/29/2016	0.5 J	8	ND(1)	ND(1)	9 J	11	ND(1)	ND(1)	0.6 J	ND(5)	
	02/18/2016	0.5 J	8	ND(1)	ND(1)	9 J	20	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2016	0.6 J	7	ND(1)	ND(1)	8 J	7	ND(1)	ND(1)	0.7 J	ND(5)	
	04/08/2016	0.5 J	7	ND(1)	ND(1)	8 J	7	ND(1)	ND(1)	0.7 J	ND(20)	
	05/11/2016	0.7 J	3	ND(1)	ND(1)	4 J	5	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2016	0.7 J	3	ND(1)	ND(1)	4 J	6	ND(1)	ND(1)	0.7 J	3 J	
	07/29/2016	0.5 J	4	ND(1)	ND(1)	5 J	5	ND(1)	ND(1)	0.5 J	ND(5)	
	08/31/2016	0.6 J	4	ND(1)	ND(1)	5 J	18	ND(1)	ND(1)	0.9 J	ND(5)	
	09/30/2016	0.7 J	4	ND(1)	ND(1)	5 J	28	ND(1)	ND(1)	0.8 J	ND(20)	
	10/31/2016	0.6 J	3	ND(1)	ND(1)	4 J	15	ND(1)	ND(1)	0.7 J	ND(5)	
	11/30/2016	ND(1)	3	ND(1)	ND(1)	3	14	ND(1)	ND(1)	0.8 J	ND(5)	
	12/28/2016	0.6 J	4	ND(1)	ND(1)	5 J	33	ND(1)	ND(1)	1	2 J	
	01/31/2017	0.7 J	2	ND(1)	ND(1)	3 J	6	ND(1)	ND(1)	0.8 J	ND(5)	
	02/28/2017	0.7 J	1	ND(1)	ND(1)	2 J	10	ND(1)	ND(1)	0.8 J	ND(5)	
	03/30/2017	0.9 J	1	ND(1)	ND(1)	2 J	6	ND(1)	ND(1)	0.8 J	ND(5)	
	04/27/2017	0.9 J	1	ND(1)	ND(1)	2 J	26	ND(1)	ND(1)	1	ND(5)	
	05/30/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
06/28/2017	0.9 J	2	ND(1)	ND(1)	3 J	72	ND(1)	0.5 J	2	ND(5)		

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Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-138D (288-293)	07/31/2017	1	1	ND(1)	ND(1)	2	9	ND(1)	ND(1)	1	ND(5)	
	08/11/2017	0.7 J	2	ND(1)	ND(1)	3 J	17	ND(1)	ND(1)	1	ND(5)	
	09/28/2017	0.6 J	1	ND(1)	ND(1)	2 J	20	ND(1)	ND(1)	0.9 J	ND(20)	
	10/25/2017	1 J	2	ND(1)	ND(1)	3 J	17	ND(1)	ND(1)	0.9 J	ND(20)	
	11/16/2017	0.9 J	3	ND(1)	ND(1)	4 J	22	ND(1)	ND(1)	1 J	ND(20)	
	12/18/2017	0.8 J	2	ND(1)	ND(1)	3 J	16	ND(1)	ND(1)	ND(1)	ND(5)	
	01/30/2018	0.6 J	2	ND(1)	ND(1)	3 J	12	ND(1)	ND(1)	1	ND(5)	
	02/20/2018	1	0.7 J	ND(1)	ND(1)	2 J	15	ND(1)	ND(1)	0.8 J	ND(5)	
	03/12/2018	0.8 J	2	ND(1)	ND(1)	3 J	11	ND(1)	ND(1)	1 J	ND(20)	
	04/27/2018	0.9 J	1	ND(1)	ND(1)	2 J	30	ND(1)	ND(1)	2	ND(5)	
	05/18/2018	0.9 J	2	ND(1)	ND(1)	3 J	37	ND(1)	ND(1)	2	ND(5)	
	06/12/2018	0.9 J	2	ND(1)	ND(1)	3 J	38	ND(1)	ND(1)	2	ND(5)	
	07/09/2018	0.6 J	1	ND(1)	ND(1)	2 J	8	ND(1)	ND(1)	1 J	ND(5)	
	08/20/2018	0.8 J	1	ND(1)	ND(5)	2 J	14	ND(1)	ND(1)	1	ND(25)	
	09/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	10/18/2018	0.9 J	1	ND(1)	ND(5)	2 J	20	ND(1)	0.3 J	1	ND(25)	
	11/29/2018	1	0.7 J	ND(1)	ND(5)	2 J	13	ND(1)	0.2 J	2	ND(25)	
	12/21/2018	0.9 J	2	ND(1)	ND(5)	3 J	13	ND(1)	0.2 J	1	ND(25)	
	01/11/2019	0.7 J	1	ND(1)	ND(5)	2 J	300	0.7 J	2	12	ND(25)	
	02/09/2019	4	6	1	4 J	15 J	320	1	4	22	ND(25)	
03/04/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	330	1	4	22	ND(25)		
MW-138D (332-337)	01/29/2016	ND(1)	12	ND(1)	ND(1)	12	3	ND(1)	ND(1)	0.5 J	ND(5)	
	02/18/2016	ND(1)	11	ND(1)	ND(1)	11	5	ND(1)	ND(1)	0.6 J	ND(5)	
	03/29/2016	0.6 J	9	ND(1)	ND(1)	10 J	3	ND(1)	ND(1)	ND(1)	ND(5)	
	04/08/2016	ND(1)	8	ND(1)	ND(1)	8	3	ND(1)	ND(1)	ND(1)	ND(20)	
	05/11/2016	0.7 J	2	ND(1)	ND(1)	3 J	3	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2016	ND(1)	8	ND(1)	ND(1)	8	3	ND(1)	ND(1)	ND(1)	ND(5)	
	07/29/2016	ND(1)	6	ND(1)	ND(1)	6	3	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2016	ND(1)	9	ND(1)	ND(1)	9	3	ND(1)	ND(1)	0.7 J	ND(5)	
09/30/2016	0.6 J	8	ND(1)	ND(1)	9 J	6	ND(1)	ND(1)	0.6 J	ND(20)		

Table 2

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14528 Jarrettsville Pike  
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**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments	
MW-138D (332-337)	10/31/2016	ND(1)	5	ND(1)	ND(1)	5	6	ND(1)	ND(1)	0.7 J	ND(5)		
	11/30/2016	ND(1)	4	ND(1)	ND(1)	4	5	ND(1)	ND(1)	0.7 J	ND(5)		
	12/28/2016	ND(1)	1	ND(1)	ND(1)	1	28	ND(1)	ND(1)	2	ND(5)		
	01/31/2017	0.7 J	2	ND(1)	ND(1)	3 J	4	ND(1)	ND(1)	0.6 J	ND(5)		
	02/28/2017	0.7 J	1	ND(1)	ND(1)	2 J	4	ND(1)	ND(1)	0.6 J	ND(5)		
	03/30/2017	0.9 J	1	ND(1)	ND(1)	2 J	4	ND(1)	ND(1)	0.6 J	ND(5)		
	04/27/2017	ND(1)	4	ND(1)	ND(1)	4	2	ND(1)	ND(1)	ND(1)	ND(5)		
	05/30/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/28/2017	0.7 J	4	ND(1)	ND(1)	5 J	17	ND(1)	ND(1)	1	ND(5)		
	07/31/2017	ND(1)	3	ND(1)	ND(1)	3	2	ND(1)	ND(1)	ND(1)	ND(5)		
	08/11/2017	0.8 J	2	ND(1)	ND(1)	3 J	7	ND(1)	ND(1)	1	ND(5)		
	09/28/2017	ND(1)	2	ND(1)	ND(1)	2	5	ND(1)	ND(1)	0.8 J	ND(20)		
	10/25/2017	0.9 J	3	ND(1)	ND(1)	4 J	7	ND(1)	ND(1)	0.9 J	ND(20)		
	11/16/2017	0.7 J	3	ND(1)	ND(1)	4 J	7	ND(1)	ND(1)	0.8 J	ND(20)		
	12/18/2017	0.8 J	2	ND(1)	ND(1)	3 J	7	ND(1)	ND(1)	ND(1)	ND(5)		
	01/30/2018	0.8 J	2	ND(1)	ND(1)	3 J	8	ND(1)	ND(1)	1 J	ND(5)		
	02/20/2018	1	0.9 J	ND(1)	ND(1)	2 J	7	ND(1)	ND(1)	1	ND(5)		
	03/12/2018	1	1	ND(1)	ND(1)	2	14	ND(1)	ND(1)	1	ND(20)		
	04/27/2018	0.9 J	1	ND(1)	ND(1)	2 J	19	ND(1)	ND(1)	1	ND(5)		
	05/18/2018	1 J	3	ND(1)	ND(1)	4 J	21	ND(1)	ND(1)	2	ND(5)		
	06/12/2018	0.9 J	2	ND(1)	ND(1)	3 J	25	ND(1)	ND(1)	2	ND(5)		
	07/09/2018	0.7 J	0.7 J	ND(1)	ND(1)	1.4 J	9	ND(1)	ND(1)	ND(1)	ND(5)		
	08/20/2018	0.9 J	1	ND(1)	ND(5)	2 J	10	ND(1)	0.2 J	1	ND(25)		
	09/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	5	ND(1)	ND(1)	ND(1)	ND(25)		
	10/18/2018	0.9 J	2	ND(1)	ND(5)	3 J	11	ND(1)	0.3 J	2	ND(25)		
	11/29/2018	1	0.8 J	ND(1)	ND(5)	2 J	16	ND(1)	0.3 J	2	ND(25)		
	12/21/2018	1	2	ND(1)	ND(5)	3	13	ND(1)	0.3 J	2	ND(25)		
	01/11/2019	0.9 J	1	ND(1)	ND(5)	2 J	15	ND(1)	0.2 J	2	ND(25)		
	02/09/2019	8	4	2	6	20	380	1	4	27	ND(25)		
	03/04/2019	0.4 J	ND(1)	ND(1)	ND(5)	0.4 J	290	0.9 J	3	20	ND(25)		



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Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments	
MW-138D (379-384)	01/29/2016	ND(1)	10	ND(1)	ND(1)	10	3	ND(1)	ND(1)	ND(1)	ND(5)		
	02/18/2016	ND(1)	9	ND(1)	ND(1)	9	3	ND(1)	ND(1)	ND(1)	ND(5)		
	03/29/2016	ND(1)	12	ND(1)	ND(1)	12	3	ND(1)	ND(1)	ND(1)	ND(5)		
	04/08/2016	ND(1)	8	ND(1)	ND(1)	8	3	ND(1)	ND(1)	ND(1)	ND(20)		
	05/11/2016	ND(1)	7	ND(1)	ND(1)	7	3	ND(1)	ND(1)	ND(1)	ND(5)		
	06/30/2016	0.7 J	4	ND(1)	ND(1)	5 J	4	ND(1)	ND(1)	0.6 J	ND(5)		
	07/29/2016	ND(1)	9	ND(1)	ND(1)	9	3	ND(1)	ND(1)	ND(1)	ND(5)		
	08/31/2016	ND(1)	8	ND(1)	ND(1)	8	3	ND(1)	ND(1)	ND(1)	ND(5)		
	09/30/2016	ND(1)	10	ND(1)	ND(1)	10	3	ND(1)	ND(1)	ND(1)	ND(20)		
	10/31/2016	ND(1)	8	ND(1)	ND(1)	8	3	ND(1)	ND(1)	ND(1)	ND(5)		
	11/30/2016	ND(1)	7	ND(1)	ND(1)	7	3	ND(1)	ND(1)	ND(1)	ND(5)		
	12/28/2016	ND(1)	9	ND(1)	ND(1)	9	3	ND(1)	ND(1)	ND(1)	ND(5)		
	01/31/2017	ND(1)	9	ND(1)	ND(1)	9	2	ND(1)	ND(1)	ND(1)	ND(5)		
	02/28/2017	ND(1)	7	ND(1)	ND(1)	7	2	ND(1)	ND(1)	ND(1)	ND(5)		
	03/30/2017	ND(1)	3	ND(1)	ND(1)	3	2	ND(1)	ND(1)	ND(1)	ND(5)		
	04/27/2017	0.9 J	1	ND(1)	ND(1)	2 J	9	ND(1)	ND(1)	0.7 J	ND(5)		
	05/30/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/28/2017	ND(1)	6	ND(1)	ND(1)	6	2	ND(1)	ND(1)	ND(1)	ND(5)		
	07/31/2017	1	1	ND(1)	ND(1)	2	7	ND(1)	ND(1)	1 J	ND(5)		
	08/11/2017	ND(1)	3	ND(1)	ND(1)	3	3	ND(1)	ND(1)	ND(1)	ND(5)		
	09/28/2017	ND(1)	5	ND(1)	ND(1)	5	2	ND(1)	ND(1)	ND(1)	ND(20)		
	10/25/2017	0.9 J	3	ND(1)	ND(1)	4 J	7	ND(1)	ND(1)	0.9 J	ND(20)		
	11/16/2017	ND(1)	5	ND(1)	ND(1)	5	2	ND(1)	ND(1)	ND(1)	ND(20)		
	12/18/2017	ND(1)	6	ND(1)	ND(1)	6	3	ND(1)	ND(1)	ND(1)	ND(5)		
	01/30/2018	ND(1)	6	ND(1)	ND(1)	6	2	ND(1)	ND(1)	ND(1)	ND(5)		
	02/20/2018	ND(1)	2	ND(1)	ND(1)	2	12	ND(1)	ND(1)	0.6 J	5		
	03/12/2018	ND(1)	4	ND(1)	ND(1)	4	2	ND(1)	ND(1)	ND(1)	ND(20)		
	04/27/2018	ND(1)	4	ND(1)	ND(1)	4	2	ND(1)	ND(1)	ND(1)	ND(5)		
	05/18/2018	ND(1)	5	ND(1)	ND(1)	5	3	ND(1)	ND(1)	ND(1)	ND(5)		
	06/12/2018	ND(1)	5	ND(1)	ND(1)	5	3	ND(1)	ND(1)	0.5 J	ND(5)		
07/09/2018	ND(1)	4	ND(1)	ND(1)	4	6	ND(1)	ND(1)	ND(1)	ND(5)			

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MW-138D (379-384)	08/20/2018	0.3 J	4	ND(1)	ND(5)	4 J	2	ND(1)	ND(1)	ND(1)	ND(25)	
	09/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/18/2018	0.3 J	4	ND(1)	ND(5)	4 J	6	ND(1)	ND(1)	0.7 J	ND(25)	
	11/29/2018	0.4 J	3	ND(1)	ND(5)	3 J	5	ND(1)	ND(1)	0.5 J	ND(25)	
	12/21/2018	0.2 J	3	ND(1)	ND(5)	3 J	4	ND(1)	ND(1)	ND(1)	ND(25)	
	01/11/2019	0.4 J	4	ND(1)	ND(5)	4 J	6	ND(1)	ND(1)	0.9 J	ND(25)	
	02/09/2019	4	4	0.7 J	3 J	12 J	330	1	4	21	ND(25)	
	03/04/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	37	ND(1)	0.5 J	2	ND(25)	
	01/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	150	1	3	5	88	
	02/06/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	37	0.8 J	3	0.6 J	49	
	03/11/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	150	0.8 J	3	6	110	
	04/11/2019	6	69	3	60	138	280	0.9 J	3	25	95	
05/09/2019	ND(1)	0.3 J	ND(1)	ND(5)	0.3 J	110	0.2 J	1	6	94		
MW-187A [R]	01/07/2016	1100	4200	430	1600	7330	2200	37	89	1100	60 J	
	02/29/2016	680	3000	320	1100	5100	1300	22	51	580	98	
	03/30/2016	700	3100	310	1100	5210	1400	23	49	550	82 J	
	04/21/2016	530	2600	240	980	4350	1100	16	34	410	48 J	
	04/25/2016	510	2500	120	1100	4230	1200	14	29	440	64	
	05/03/2016	650	3000	220	1300	5170	1200	20	44	500	57	
	05/12/2016	620	3300	370	1300	5590	1200	13 J	36	430	53 J	
	06/24/2016	610	3600	340	1400	5950	1300	19	37	390	51	
	07/26/2016	590	3600	360	1500	6050	1400	15	31	330	75	
	08/25/2016	580	3800	350	1500	6230	1200	10 J	21	250	150	
	09/30/2016	120	810	34	420	1384	1400	5	15	190	80	
	10/17/2016	96	540	45	260	941	1600	5	15	150	110	
	11/30/2016	64	370	41	220	695	1100	5	14	120	630	
	12/16/2016	75	520	51	260	906	820	5	10	130	77	
	01/31/2017	650	3600	330	1700	6280	800	12	20	300	78	
	02/10/2017	630	4200	300	1600	6730	1000	11	22	300	74	
03/24/2017	3	19	ND(1)	36	58	150	1	2	35	29		
04/07/2017	220	1100	32	800	2152	900	8	16	210	64		

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MW-187A [R]	05/31/2017	290	2000	41	970	3301	830	5 J	11	140	63	
	06/29/2017	71	370	25	280	746	410	3	6	70	100	
	07/19/2017	65	150	3 J	85	303 J	1000	9	15	200	170	
	08/09/2017	380	2500	170	1200	4250	800	7 J	12	160	38 J	
	09/21/2017	260	1500	43	870	2673	580	5	8	100	33 J	
	10/25/2017	310	2800	160	1300	4570	670	6 J	10	140	54	
	11/10/2017	320	2900	140	1300	4660	610	6 J	10	120	47 J	
	12/28/2017	270	2200	130	1200	3800	600	5	9	120	57	
	01/11/2018	ND(10)	10 J	ND(10)	18	28 J	5 J	ND(10)	ND(10)	ND(10)	73	
	02/27/2018	170	1400	70	830	2470	590	ND(10)	10	110	53	
	03/13/2018	230	1900	78	1000	3208	590	6 J	8 J	110	58	
	04/06/2018	180	1800	56	950	2986	540	ND(10)	7 J	110	68	
	05/23/2018	1	22	0.7 J	33	57 J	12	ND(1)	ND(1)	7	16	
	06/14/2018	10	48	2	40	100	91	1	1	20	8	
	07/12/2018	5	8	ND(1)	15	28	110	1 J	2	23	13	
	08/23/2018	5	38	3	67	113	360	4	6	95	100	
	09/13/2018	19	64	6	69	158	420	5 J	8	110	150	
	10/16/2018	18	100	4	61	183	430	5	9	140	150	
	11/27/2018	210	1900	120	990	3220	320	3 J	5 J	60	ND(250)	
	12/31/2018	200	730	58	840	1828	280	2 J	4 J	74	ND(130)	
	01/18/2019	260	2100	190	1300	3850	250	ND(20)	ND(20)	ND(20)	ND(500)	
	02/06/2019	190	1500	120	910	2720	190	2 J	3 J	49	72 J	
	03/11/2019	180	1300	85	790	2355	200	ND(20)	ND(20)	49	ND(500)	
	04/11/2019	38	200	10	110	358	45	1	2	28	11 J	
	05/09/2019	150	1300	110	850	2410	210	3 J	3 J	55	ND(130)	
	07/10/2019	210	2000	230	1400	3840	190	2 J	3 J	46	ND(130)	
09/13/2019	300	3000	330	1800	5430	170	ND(2)	3	ND(2)	ND(50)		
10/01/2019	ND(1)	0.8 J	ND(1)	2 J	3 J	130	0.4 J	2	5	93		
11/06/2019	330	3100	230	1900	5560	190	2 J	3 J	45	ND(130)		
12/18/2019	310	3400	210	1800	5720	180	2 J	3 J	39	ND(250)		
01/09/2020	0.3 J	2	ND(1)	20	22 J	43	0.8 J	0.9 J	13	13 J		

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MW-187A [R]	06/16/2020	180	1800	ND(1.0)	1400	3380	ND(1.0)	1.2	1.8	22	34 J	
	07/16/2020	210	2000	180	1500	3890	88	1.1 J	1.7 J	20 J	ND(250)	
	07/30/2020	230	ND(2.0)	190	1500	1920	85	ND(2.0)	1.4 J	18	ND(100)	
	08/26/2020	210	1700	170	1400	3480	85	1.0 J	1.7 J	18	42 J	
	09/18/2020	180	1900	170	1400	3650	70	ND(5.0)	ND(5.0)	ND(25)	ND(250)	
	10/20/2020	13	120	7.1	97	237	54	ND(5.0)	ND(5.0)	12 J	82 J	
	01/14/2021	1.3	25	1.1	48	75	64	0.63 J	1.2	10	31 J	
	04/05/2021	160	870	65	860	1955	64	ND(5.0)	ND(5.0)	ND(25)	ND(250)	
09/30/2021	2.8	16	0.76 J	34	54 J	9.8	ND(1.0)	ND(1.0)	1.6 J	24 J		
MW-187B [R]	01/07/2016	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	7600	20	73	450	470	
	02/29/2016	ND(5)	ND(5)	ND(5)	ND(5)	BRL	4400	10	40	280	470	
	03/30/2016	18	0.6 J	0.9 J	0.5 J	20 J	8200	24	83	490	390	
	04/25/2016	480	1700	87	850	3117	1300	17 J	37	450	72 J	
	05/12/2016	520	2700	270	1000	4490	1100	15 J	34	400	82 J	
	06/24/2016	670	3300	250	1200	5420	1500	19	39	410	53	
	07/26/2016	560	3200	280	1300	5340	1200	13	28	340	66	
	08/25/2016	500	3500	270	1300	5570	1200	10 J	21	250	130	
	09/30/2016	ND(2)	ND(2)	ND(2)	ND(2)	BRL	2100	3	13	120	670	
	10/17/2016	ND(10)	ND(10)	ND(10)	ND(10)	BRL	2200	ND(10)	16	110	880	
	11/30/2016	1 J	7	ND(2)	7	15 J	2200	5	19	150	900	
	12/16/2016	1300	6400	180	2200	10080	2100	26	48	720	230	
	01/31/2017	510	3100	190	1300	5100	1100	10	21	270	140	
	02/10/2017	500	3000	170	1200	4870	1100	10	21	270	120	
	03/24/2017	1	15	1	23	40	11	ND(1)	ND(1)	2	ND(5)	
	04/07/2017	180	730	23	690	1623	900	8	12	200	63	
	05/31/2017	270	1600	38	820	2728	810	6	11	140	58	
	06/29/2017	2	15	0.6 J	90	108 J	500	1	5	32	66	
07/19/2017	1 J	2	ND(1)	5	8 J	280	0.7 J	3	25	35		
08/09/2017	1	8	0.7 J	8	18 J	130	0.6 J	2	8	6		
09/21/2017	3	14	ND(1)	13	30	6	ND(1)	ND(1)	1	11 J		
10/25/2017	ND(1)	2	ND(1)	4	6	30	ND(1)	ND(1)	2	8		

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MW-187B [R]	11/10/2017	ND(1)	0.7 J	ND(1)	4	5 J	230	1	4	12	28	
	12/29/2017	ND(1)	ND(1)	ND(1)	0.7 J	0.7 J	210	1	4	10	ND(20)	
	01/11/2018	ND(1)	ND(1)	ND(1)	0.8 J	0.8 J	130	1	3	6	ND(5)	
	02/27/2018	ND(1)	0.6 J	ND(1)	0.6 J	1.2 J	14	ND(1)	0.7 J	2	2 J	
	03/13/2018	ND(1)	0.6 J	ND(1)	ND(1)	0.6 J	14	ND(1)	0.6 J	2	ND(5)	
	04/06/2018	ND(1)	0.8 J	ND(1)	ND(1)	0.8 J	130	1 J	3	5	ND(5)	
	05/21/2018	ND(1)	0.9 J	ND(1)	ND(1)	0.9 J	20	ND(1)	0.6 J	2	5	
	06/14/2018	ND(1)	0.9 J	ND(1)	ND(1)	0.9 J	24	ND(1)	0.7 J	ND(1)	3 J	
	07/12/2018	ND(1)	2	ND(1)	ND(1)	2	12	ND(1)	ND(1)	0.7 J	5 J	
	08/23/2018	0.3 J	0.7 J	ND(1)	ND(5)	1.0 J	4	ND(1)	0.2 J	0.6 J	ND(25)	
	09/13/2018	ND(1)	0.6 J	ND(1)	ND(5)	0.6 J	5	ND(1)	0.2 J	0.6 J	11 J	
	10/16/2018	ND(1)	0.4 J	ND(1)	ND(5)	0.4 J	3	ND(1)	ND(1)	0.4 J	ND(25)	
	11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	320	2	6	16	160	
	12/31/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	130	0.4 J	1	7	100	
	01/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	150	1	3	5	88	
	02/06/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	37	0.8 J	3	0.6 J	49	
	03/11/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	150	0.8 J	3	6	110	
	04/11/2019	6	69	3	60	138	280	0.9 J	3	25	95	
	05/09/2019	ND(1)	0.3 J	ND(1)	ND(5)	0.3 J	110	0.2 J	1	6	94	
	07/10/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	70	ND(1)	0.9 J	4	89	
	09/13/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	62	0.2 J	1	3	92	
	10/01/2019	ND(1)	0.8 J	ND(1)	1 J	2 J	64	ND(1)	0.8 J	4	110	
	11/06/2019	2	23	2	13	40	90	0.4 J	2	4	100	
	12/18/2019	ND(1)	1	ND(1)	ND(3)	1	29	ND(1)	0.8 J	1	43	
	01/09/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	37	0.2 J	1 J	2	59	
	06/16/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	17	ND(1.0)	0.52 J	0.84 J	15 J	
	08/26/2020	ND(1.0)	0.29 J	ND(1.0)	ND(6.0)	0.29 J	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
11/16/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.71 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
01/14/2021	0.69 J	1.4	0.60 J	6.1	8.8 J	63	0.84 J	2.7	4.1 J	170		
04/05/2021	ND(1.0)	0.57 J	ND(1.0)	ND(6.0)	0.57 J	4.6	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/30/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 2

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments	
MW-187C(HS-S)	01/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	120	ND(1)	2	6	36		
	02/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	120	ND(1)	2	6	38		
	03/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	140	0.6 J	2	7	24		
	04/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	120	ND(1)	2	6	37		
	05/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	140	ND(1)	2	7	34		
	06/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	110	ND(1)	1	5	41		
	07/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	120	ND(1)	2	4	12		
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	130	ND(1)	2	5	22		
	09/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	130	ND(1)	1	4	35		
	10/17/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	120	ND(1)	1	5	36		
	11/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	110	ND(1)	1	6	41		
	12/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	95	ND(1)	1	4	23		
	01/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	130	ND(1)	2	6	33		
	02/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	100	ND(1)	1	5	33		
	04/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	98	ND(1)	1	4	31		
	05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	100	ND(1)	1	4	32		
	06/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	120	ND(1)	1	5	27		
	07/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	110	ND(1)	1	5	27		
	08/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	110	ND(1)	1	5	23		
	09/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	95	ND(1)	1 J	4	22		
	10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	110	ND(1)	1	5	31		
	11/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	99	ND(1)	1	4	28		
	12/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	89	ND(1)	1	4	24		
	01/11/2018	0.7 J	ND(1)	ND(1)	ND(1)	ND(1)	0.7 J	97	ND(1)	1	4	24	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	100	ND(1)	2	4	13	
	03/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	88	ND(1)	1	4	21	
	04/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	91	ND(1)	1	4	20	
05/21/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	110	ND(1)	1	5	19		
06/14/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	100	ND(1)	1	4	ND(5)		
07/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	88	ND(1)	1	4	11		

Table 2

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-187C(HS-S)	08/23/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	87	0.3 J	1	4	ND(25)	
	09/27/2018	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	89	0.2 J	1	4	22 J	
	10/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	76	0.2 J	1	3	ND(25)	
MW-187C(HS-D)	01/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	120	ND(1)	2	6	32	
	02/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	99	ND(1)	1	5	41	
	03/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	110	ND(1)	2	5	35	
	04/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	93	ND(1)	1	5	34	
	05/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	110	ND(1)	1	5	39	
	06/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	95	ND(1)	1	4	24	
	07/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	110	ND(1)	1	4	13	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	110	ND(1)	1	4	22	
	09/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	96	ND(1)	1	4	17 J	
	10/17/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	99	ND(1)	1	4	23	
	11/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	95	ND(1)	1	5	26	
	12/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	89	ND(1)	1	4	29	
	01/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	110	ND(1)	1	5	31	
	02/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	73	ND(1)	0.9 J	4	33	
	04/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	76	ND(1)	0.8 J	3	32	
	05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	84	ND(1)	0.9 J	3	29	
	06/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	94	ND(1)	0.9 J	4	23	
	07/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	81	ND(1)	1 J	4	21	
	08/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	89	ND(1)	1	4	28	
	09/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	81	ND(1)	1 J	3	23	
	10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	90	ND(1)	1	4	23	
	11/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	74	ND(1)	1 J	3	30	
	12/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	89	ND(1)	1	4	24	
01/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	84	ND(1)	1	4	25		
02/27/2018	1	ND(1)	ND(1)	ND(1)	1	120	0.5 J	2	6	21		
03/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	70	ND(1)	0.9 J	3	27		
04/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	67	ND(1)	0.8 J	3	27		

Table 2

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-187C(HS-D)	05/21/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	87	ND(1)	1	4	25	
	06/14/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	76	ND(1)	0.9 J	3	22	
	07/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	74	ND(1)	0.9 J	3	22	
	08/23/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	67	0.2 J	0.9 J	3	34	
	09/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	74	0.2 J	0.9 J	4	25	
	10/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	63	0.2 J	0.9 J	3	19 J	
MW-187C [R]	11/30/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	240	0.7 J	3	11	30	
	12/31/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	540	1	6	25	ND(25)	
	01/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	590	2	7	26	ND(25)	
	02/06/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	420	1	6	18	ND(25)	
	03/11/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	510	2	8	16	ND(25)	
	04/11/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	550	2	9	19	ND(25)	
	07/10/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	510	2	9	14	ND(25)	
	09/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	580	3	11	20	ND(25)	
	10/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	550	3	11	20	ND(25)	
	11/06/2019	ND(5)	ND(5)	ND(5)	ND(15)	BRL	890	4 J	15	25	ND(130)	
	12/18/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	630	4	15	17	ND(25)	
	01/09/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	280	4	14	2	ND(25)	
	06/16/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	77	0.20 J	11	1.2 J	ND(50)	
	08/26/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	26	2.4	9.6	ND(5.0)	ND(50)	
	11/16/2020	24	150	13	100	287	21	ND(1.0)	0.43 J	3.2 J	13 J	
	02/09/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.84 J	ND(1.0)	0.78 J	ND(5.0)	ND(50)	
04/05/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	280	2.2	8.8	3.3 J	ND(50)		
09/30/2021	ND(10)	ND(10)	ND(10)	ND(10)	BRL	3.4 J	ND(10)	ND(10)	ND(50)	ND(500)		
SVE-1 [R]	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	11	ND(1)	0.6 J	ND(1)	5 J	
	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	15	ND(1)	0.7 J	ND(1)	2 J	
	04/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	8	11	1	19	39	810	5	10	84	110	
	07/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	



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14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
SVE-1 [R]	08/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(20)	
	10/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	11/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	0.6 J	ND(1)	ND(5)	
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	0.6 J	ND(1)	ND(5)	
	02/10/2017	8	19	0.6 J	9	37 J	18	0.6 J	1	5	3 J	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	04/07/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	05/23/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2017	3	18	5	22	48	56	ND(1)	0.6 J	5	5	
	07/27/2017	1	3	ND(1)	5	9	53	0.5 J	0.9 J	4	4 J	
	08/01/2017	8	24	1	34	67	150	0.9 J	2	13	17	
	09/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	71	1	2	4	6 J	
	10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	11/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	0.5 J	1	ND(1)	ND(5)	
	12/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	11	0.6 J	1	ND(1)	ND(5)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	86	1	2	6	33	
	03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	0.6 J	3 J	
	04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	14	ND(1)	0.7 J	ND(1)	ND(5)	
	06/06/2018	0.6 J	1	ND(1)	ND(1)	2 J	110	2	3	4	15	
07/10/2018	3	2	ND(1)	4	9	290	2	4	18	22		
08/24/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	32	0.8 J	1	1	ND(25)		
09/12/2018	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	76	1	2	3	26		
10/24/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	0.4 J	1	ND(1)	ND(25)		
12/03/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	10	0.7 J	1	ND(1)	ND(25)		
12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	21	1 J	2	0.3 J	ND(25)		
01/07/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	4	0.5 J	0.7 J	ND(1)	ND(25)		
02/25/2019	5	0.4 J	ND(1)	2 J	7 J	350	3	6	16	51		

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**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
SVE-1 [R]	03/13/2019	3	2	0.5 J	3 J	9 J	310	3	5	19	45	
	03/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	56	0.6 J	0.9 J	2	17 J	
	04/11/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	10	0.7 J	1	ND(1)	ND(25)	
	09/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	0.3 J	0.6 J	ND(1)	ND(25)	
	10/11/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.9 J	0.4 J	0.7 J	ND(1)	ND(25)	
	03/02/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	0.9 J	1	ND(1)	ND(25)	
	04/07/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	0.7 J	1	ND(1)	ND(25)	
	08/11/2020	1.4	0.47 J	ND(1.0)	ND(6.0)	1.9 J	140	1.4	2.2	8.6	54	
	11/06/2020	6.1	7.8	5.6	16	36	170	1.2	ND(1.0)	13	56	
	01/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	7.2	ND(1.0)	0.25 J	ND(5.0)	ND(50)	
	04/16/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.6	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
07/08/2021	29	52	26	87	194	320	2.1	3.9	32	120		
SVE-3 [R]	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	1	ND(1)	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	0.5 J	1	ND(1)	4 J	
	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	0.6 J	1	ND(1)	ND(5)	
	04/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	0.9 J	ND(1)	ND(5)	
	05/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	0.6 J	1	ND(1)	ND(5)	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	1	ND(1)	ND(5)	
	07/26/2016	3	14	ND(1)	4	21	3	0.6 J	1	ND(1)	ND(5)	
	08/25/2016	4	26	1	7	38	3	0.6 J	1	ND(1)	ND(5)	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	10/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.9 J	ND(1)	ND(5)	
	11/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	0.8 J	ND(1)	ND(5)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	1	ND(1)	ND(5)	
	01/30/2017	9	21	1	11	42	7	ND(1)	1 J	1	ND(5)	
	02/10/2017	10	1	ND(1)	6	17	8	ND(1)	1	2	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	0.8 J	ND(1)	ND(5)	
	04/07/2017	ND(1)	0.7 J	ND(1)	1	2 J	3	ND(1)	1 J	ND(1)	ND(5)	
	05/23/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	0.6 J	ND(1)	ND(5)	
06/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
07/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)		

Table 2

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
SVE-3 [R]	08/01/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	47	ND(1)	0.5 J	3	6	
	09/21/2017	ND(1)	ND(1)	ND(1)	6	6	200	2	3	25	10 J	
	10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	21	ND(1)	1	1	16	
	11/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	0.5 J	1	ND(1)	ND(5)	
	12/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	1	ND(1)	ND(20)	
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	12	0.7 J	2	ND(1)	ND(5)	
	02/06/2018	46	240	3	410	699	530	5	9	110	74	
	03/07/2018	0.6 J	2	ND(1)	3	6 J	51	3	6	3	78	
	04/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	67	1 J	2	7	6	
	07/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	120	1	2	11	9	
	08/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	0.6 J	ND(1)	ND(20)	
	09/12/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	0.2 J	0.4 J	ND(1)	10 J	
	10/24/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	0.2 J	ND(1)	ND(25)	
	12/04/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	20	0.8 J	2	0.3 J	ND(25)	
	01/07/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	0.9 J	2	ND(1)	ND(25)	
	02/01/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	1	1	ND(1)	ND(25)	
	03/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	8	ND(1)	0.2 J	ND(1)	ND(25)	
	04/22/2019	5	19	0.3 J	15	39 J	48	0.9 J	2	7	10 J	
	06/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	0.3 J	120	
	10/15/2019	11	20	ND(1)	220	251	140	2	3	33	37	
	11/06/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	60	1	2	12	ND(25)	
12/06/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	0.6 J	1	ND(1)	ND(25)		
03/02/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.9 J	0.3 J	0.7 J	ND(1)	ND(25)		
04/07/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.5 J	0.3 J	0.5 J	ND(1)	ND(25)		
08/11/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.1	0.37 J	0.65 J	ND(5.0)	ND(50)		
11/06/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 2

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 7, 2016 through September 27, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
SVE-3 [R]	01/14/2021	0.30 J	ND(1.0)	ND(1.0)	ND(6.0)	0.30 J	0.40 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/16/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.60 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	07/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.2	ND(1.0)	0.42 J	ND(5.0)	ND(50)	

**Notes:**

[R] - Indicates the well was used for remediation at the time of reporting.

µg/L - micrograms per liter

AP - above packer

BP - below packer

BRL - Below laboratory reporting limits

BTEX - Benzene, toluene, ethylbenzene, and total xylenes

DIPE - di-isopropyl ether

ETBE - ethyl tert butyl ether

HS - Composite HydraSleeve

HS-D - deep composite HydraSleeve sampler; set at bottom of open borehole

HS-S - shallow composite HydraSleeve sampler; set at ½ of open borehole

J - Indicates an estimated value

MTBE - methyl tertiary butyl ether

NA - Not analyzed

ND(5.0) - Not detected at or above the laboratory reporting limit, laboratory reporting limit included.

NS - Not sampled

PW - Inactive supply well being used as a monitoring/sampling location

TAME - tert-amyl methyl ether

TBA - tert butyl alcohol

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-1	03/16/2016	ND(1)	63	29	160	252	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/08/2016	1	150	35	350	536	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	0.8 J	140	11	110	262 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/12/2016	ND(1)	13	1	17	31	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/10/2017	34	NA	110	1300	1444	ND(10)	ND(10)	ND(10)	ND(10)	21 J	
	06/16/2017	ND(1)	11	0.6 J	7	19 J	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/26/2017	ND(1)	88	2	300	390	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(20)	
	02/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/11/2018	24	2000	70	2500	4594	ND(5)	ND(5)	ND(5)	ND(5)	ND(25)	
	08/16/2018	ND(1)	0.4 J	ND(1)	ND(5)	0.4 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/27/2018	3	2	0.5 J	2 J	8 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/25/2019	19	2600 E	190	2600	5409 E	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/18/2019	0.2 J	57	58	360	475 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/08/2019	3 J	1100	520	2200	3823 J	ND(5)	ND(5)	ND(5)	ND(5)	ND(130)	
	07/02/2019	ND(1)	23	11	170	204	ND(1)	ND(1)	ND(1)	ND(1)	12 J	
	07/24/2019	ND(1)	13	5	170	188	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/15/2019	ND(1)	5	5	30	40	ND(1)	NA	NA	NA	NA	
	10/22/2019	0.2 J	82	23	130	235 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/19/2019	0.5 J	72	6	120	199 J	2	ND(1)	ND(1)	ND(1)	ND(25)	
12/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(25)		
03/30/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
02/10/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-1A	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	21	ND(1)	0.5 J	1	ND(20)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
02/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	3 J		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-1A	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	3 J	
	08/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	02/14/2019	0.5 J	0.3 J	ND(1)	ND(5)	0.8 J	4	ND(1)	ND(1)	0.5 J	ND(25)	
	05/21/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	07/02/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/15/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	NA	NA	NA	NA	
	10/21/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/18/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	03/30/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/07/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/11/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	10/29/2020	0.54 J	350	130	600	1081 J	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
01/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
04/07/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
07/06/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-2	03/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/12/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.9 J	0.2 J	0.3 J	ND(1)	ND(25)	
05/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-2	07/02/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/22/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/19/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/10/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/05/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/15/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
02/04/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-2A	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2017	ND(1)	10	14	270	294	2	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2017	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	0.5 J	ND(1)	ND(1)	ND(1)	ND(20)	
	02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	08/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	02/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)	
	06/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	08/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/15/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/23/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/18/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/10/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/05/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
04/07/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
09/11/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
11/05/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-2A	01/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/07/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	07/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-4	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	17	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/07/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	37	ND(1)	ND(1)	1	8 J	
	12/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	08/23/2018	0.3 J	0.4 J	0.2 J	ND(5)	0.9 J	52	0.7 J	1	3	16 J	
	12/06/2018	0.6 J	ND(1)	ND(1)	ND(5)	0.6 J	2	ND(1)	ND(1)	ND(1)	ND(25)	
	02/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	03/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	06/24/2019	ND(1)	3	69	90	162	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/05/2019	ND(1)	0.4 J	ND(1)	ND(5)	0.4 J	1	ND(1)	ND(1)	ND(1)	ND(25)	
	10/15/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/05/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	04/07/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	07/24/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.28 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
08/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/18/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
10/20/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
01/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
04/16/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
07/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-4A	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	



Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-4A	12/12/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/02/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/04/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/22/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/19/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/05/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
10/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/04/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-6	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	06/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	07/07/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(20)	
	12/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	ND(1)	ND(1)	ND(20)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	0.6 J	ND(5)	
	08/23/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	5	ND(1)	ND(1)	ND(1)	ND(25)	
	12/17/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)	
02/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)		

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14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-6	06/24/2019	ND(1)	3	67	87	157	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	07/02/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	07/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	08/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	10/21/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/18/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/10/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/02/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	12	ND(1)	ND(1)	0.4 J	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	9.8	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/11/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/05/2020	0.58 J	ND(1.0)	ND(1.0)	ND(6.0)	0.58 J	1.6	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.41 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/16/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
09/23/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-8	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/12/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
04/07/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
07/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-9	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-9	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/04/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/28/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/07/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	05/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/15/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/05/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	07/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/18/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
10/20/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-12	03/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/12/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
05/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-12	08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/23/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/04/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/28/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/07/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	05/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-13	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	06/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	44	46	88	62	240	280	ND(5)	5 J	29	270	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	07/07/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2017	70	76	3	38	187	36	0.6 J	1	9	ND(20)	
	12/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	23	ND(1)	ND(1)	2	ND(5)	
	05/09/2018	1	3	ND(1)	3	7	13	ND(1)	ND(1)	1	ND(5)	
	08/24/2018	0.5 J	0.6 J	0.3 J	ND(5)	1.4 J	75	0.9 J	2	6	24 J	
	12/17/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/22/2019	2	6	0.3 J	2 J	10 J	2	ND(1)	ND(1)	ND(1)	ND(25)	
	03/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	04/10/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/05/2019	ND(1)	0.5 J	ND(1)	1 J	2 J	1	ND(1)	ND(1)	ND(1)	ND(25)	
	12/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)	
	03/02/2020	0.3 J	1	ND(1)	1 J	2 J	0.9 J	ND(1)	ND(1)	ND(1)	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.53 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.22 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
09/18/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
10/20/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
01/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.29 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
04/07/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-13	07/06/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-15	03/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	08/23/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/24/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/05/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/28/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/07/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-17	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	02/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/09/2018	ND(1)	1	2	12	15	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/04/2018	0.7 J	ND(1)	ND(1)	ND(5)	0.7 J	51	ND(1)	0.6 J	3	ND(25)	
	12/28/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/07/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
05/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
07/02/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)		
07/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-17	09/04/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/15/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/22/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/19/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	4	ND(1)	ND(1)	ND(1)	ND(25)	
	12/10/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/05/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/07/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/11/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	10/29/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
04/07/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
07/06/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-19	03/14/2016	14	50	3 J	19	86 J	120	ND(5)	4 J	43	16 J	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(20)	
	12/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	0.4 J	0.7 J	ND(1)	ND(25)	
	03/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	0.3 J	0.3 J	ND(1)	ND(25)	
	06/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/23/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
11/19/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
12/10/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
02/06/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	9	ND(1)	ND(1)	0.5 J	ND(25)		
04/07/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-19	04/14/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/11/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/06/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/07/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	07/06/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-21	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	12	ND(1)	0.6 J	0.7 J	5 J	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(20)	
	02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/12/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	05/21/2019	ND(1)	0.2 J	ND(1)	ND(5)	0.2 J	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	08/15/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	NA	NA	NA	NA	
	09/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/23/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/18/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
12/10/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
03/30/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
10/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/04/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-22	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	1 J	ND(1)	ND(1)	ND(1)	1 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-22	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2017	2	ND(1)	ND(1)	ND(1)	2	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	31	0.5 J	1	1	ND(20)	
	02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	ND(1)	1	ND(5)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/01/2018	2	ND(1)	ND(1)	ND(1)	2	5	ND(1)	ND(1)	ND(1)	ND(20)	
	12/26/2018	ND(1)	0.4 J	0.3 J	2 J	3 J	5	ND(1)	ND(1)	ND(1)	ND(25)	
	03/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	14	ND(1)	ND(1)	0.6 J	ND(25)	
	06/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/20/2019	ND(1)	ND(1)	ND(1)	3 J	3 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/21/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/18/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/10/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/06/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/07/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/14/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/11/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/06/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
01/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
04/07/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
07/06/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-23	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	ND(1)	ND(1)	ND(1)	ND(1)	5 J	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	ND(1)	ND(1)	1 J	ND(20)	
	12/08/2016	0.7 J	ND(1)	ND(1)	ND(1)	0.7 J	ND(1)	ND(1)	ND(1)	ND(1)	3 J	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	3 J	
	06/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
02/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	4 J		



Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-23	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(20)	
	11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	03/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	4	ND(1)	ND(1)	ND(1)	ND(25)	
	05/21/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	09/05/2019	0.4 J	ND(1)	ND(1)	ND(5)	0.4 J	1	ND(1)	ND(1)	ND(1)	ND(25)	
	10/23/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	11/19/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/10/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	03/02/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
02/10/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-24	03/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	12/12/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(20)	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/24/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/05/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/28/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/07/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/07/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/06/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
07/15/2020	ND(1.0) F1	ND(1.0) F1	ND(1.0) F1	ND(6.0) F1	BRL F1	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
08/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/18/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-24	10/20/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	02/04/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-25	03/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/12/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/23/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/25/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/05/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
10/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/04/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-26	03/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/12/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
05/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-26	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/08/2019	ND(1)	0.3 J	0.3 J	1 J	2 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/10/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-27R	03/14/2016	ND(1)	ND(1)	ND(1)	1	1	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	8	10	1	20	39	850	5	10	86	110	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	3	21	2	58	84	34	ND(1)	0.6 J	10	2 J	
	05/23/2017	1	1	ND(1)	6	8	250	0.8 J	2	20	130	
	09/22/2017	0.6 J	4	ND(1)	10	15 J	5	ND(1)	ND(1)	1	ND(20)	
	12/27/2017	21	19	1	53	94	970	6	13	100	420	
	02/28/2018	13	11	7	15	46	450	4	7	42	420	
	05/09/2018	ND(5)	ND(5)	ND(5)	ND(5)	BRL	540	3 J	7	46	620	
	08/24/2018	4	8	6	14	32	61	0.6 J	1	6	74	
	09/12/2018	ND(1)	0.2 J	ND(1)	ND(5)	0.2 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/03/2018	10	35	8	53	106	38	0.3 J	0.8 J	7	32	
	02/19/2019	6	28	7	47	88	74	0.5 J	1 J	9	24 J	
	02/25/2019	0.9 J	2	0.9 J	3 J	7 J	32	ND(1)	0.4 J	3	11 J	
	03/18/2019	0.4 J	0.5 J	0.2 J	ND(5)	1.1 J	9	ND(1)	ND(1)	0.6 J	ND(25)	
	04/08/2019	4	5	8	7	24	76	0.3 J	0.7 J	5	17 J	
	09/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	10/10/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	5	ND(1)	ND(1)	0.3 J	ND(25)	
	11/05/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	2	ND(1)	ND(1)	ND(1)	63	
	03/02/2020	51	140	51	250	492	480	3	7	42	610	
	06/22/2020	ND(1.0)	27	25	84	136	0.58 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	06/23/2020	18	44 F1	19	45	126 F1	330	2.6	4.9	28	280	
	07/24/2020	14	3.9	2.7	140	161	570	5.4	9.7	59	500	
08/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.81 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/08/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/18/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	14	ND(1.0)	ND(1.0)	1.0 J	51		
10/20/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
01/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-27R	04/16/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	07/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-29	03/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	76	19	32	23	150	430	4	13	86	8 J	
	12/12/2016	22	2	3	2	29	200	2	6	38	5	
	03/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2017	ND(2)	ND(2)	ND(2)	ND(2)	BRL	ND(2)	ND(2)	ND(2)	ND(2)	ND(40)	
	12/22/2017	120	510	130	300	1060	1300	16	47	280	110	
	01/11/2018	1	3	1	4	9	7	ND(1)	ND(1)	2	5 J	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/22/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	05/20/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/07/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/06/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
07/15/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-30	03/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	ND(1)	6	13	26	45	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(20)	
	12/12/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	03/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/26/2017	ND(1)	ND(1)	0.6 J	0.7 J	1.3 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/22/2017	0.5 J	35	160	320	516 J	2	ND(1)	ND(1)	ND(1)	ND(5)	
	01/11/2018	ND(5)	190	770	1600	2560	5 J	ND(5)	ND(5)	ND(5)	ND(25)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-30	08/22/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/06/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	05/20/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/07/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/06/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/15/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
02/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-36	03/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	06/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	12/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	14	ND(1)	ND(1)	1	4 J	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	13	ND(1)	ND(1)	0.6 J	3 J	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	09/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(20)	
	12/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	11	ND(1)	ND(1)	ND(1)	ND(20)	
	02/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	05/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	
	08/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(20)	
	08/28/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	09/10/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	12 J	
	10/03/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	11/08/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	01/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	02/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)	
	08/06/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
02/19/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)		
09/09/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	2.3	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
11/03/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.1	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/12/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.5	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-36C	10/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	33	ND(1)	1	0.9 J	ND(5)	

Table 3

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Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-36C(32.5)	06/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/25/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
MW-36C(274.5)	01/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/19/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/08/2020	1.6	ND(1.0)	ND(1.0)	ND(6.0)	1.6	11	ND(1.0)	0.20 J	ND(5.0)	ND(50)	
	02/12/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-36C(HS-S)	01/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	02/10/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	03/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	04/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	06/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	07/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	10/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	01/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	5	
	02/17/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	04/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	1	ND(1)	ND(1)	ND(1)	1	ND(1)	ND(1)	ND(1)	ND(1)	4 J	
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(20)	
	10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	11/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
12/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
01/31/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
02/23/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	7		
03/08/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-36C(HS-S)	04/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	0.7 J	ND(1)	ND(1)	ND(1)	0.7 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	06/11/2018	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/10/2018	0.5 J	ND(1)	ND(1)	ND(1)	0.5 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/06/2018	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	09/07/2018	1	ND(1)	ND(1)	ND(5)	1	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	10/10/2018	1	ND(1)	ND(1)	ND(5)	1	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/08/2018	2	0.6 J	ND(1)	28	31 J	9	ND(1)	ND(1)	1	ND(25)	
	12/27/2018	0.8 J	ND(1)	ND(1)	ND(5)	0.8 J	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/11/2019	0.7 J	ND(1)	ND(1)	ND(5)	0.7 J	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/26/2019	0.6 J	ND(1)	ND(1)	ND(5)	0.6 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
03/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
MW-36C(HS-D)	01/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/10/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	03/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	2 J	
	04/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	06/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	07/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	10/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	01/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	02/17/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	04/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	1	ND(1)	ND(1)	ND(1)	1	ND(1)	ND(1)	ND(1)	ND(1)	4 J	
07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)		
08/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments	
MW-36C(HS-D)	09/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)		
	10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)		
	11/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	12/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	01/31/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	02/23/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)		
	03/08/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	04/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	05/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	06/06/2018	0.8 J	ND(1)	ND(1)	ND(1)	0.8 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)		
	06/11/2018	0.7 J	ND(1)	ND(1)	ND(1)	0.7 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	07/10/2018	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	08/06/2018	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)		
	09/07/2018	1	ND(1)	ND(1)	ND(1)	ND(5)	1	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	10/10/2018	2	0.9 J	ND(1)	ND(1)	38	41 J	10	ND(1)	ND(1)	1	ND(25)	
	11/08/2018	1	0.5 J	ND(1)	ND(1)	21	23 J	6	ND(1)	ND(1)	0.7 J	ND(25)	
	12/27/2018	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	0.8 J	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
01/11/2019	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	0.7 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
02/26/2019	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	0.6 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
03/19/2019	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
MW-36R	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	4 J		
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)		
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)		
	04/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)		
	05/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)		
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)		
	07/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)		
	08/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)		
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)		
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)		
	11/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)		
	12/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
01/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)		



Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-36R	02/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	ND(1)	0.8 J	2	ND(5)	
	04/05/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	05/08/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	09/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(20)	
	10/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	11/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	12/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)	
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	54	ND(1)	0.6 J	3	5 J	
	03/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	51	ND(1)	0.6 J	3	4 J	
	04/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	05/18/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	2 J	
	06/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	0.6 J	1	ND(1)	2 J	
	07/31/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	4	ND(1)	ND(1)	ND(1)	ND(25)	
	09/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	10/11/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	ND(1)	ND(1)	0.4 J	ND(25)	
	10/24/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	6	ND(1)	ND(1)	ND(1)	ND(25)	
	11/08/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	5	ND(1)	ND(1)	ND(1)	ND(25)	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	ND(1)	ND(1)	0.4 J	ND(25)	
	01/11/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(25)	
	03/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
06/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)		
07/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)		
10/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	5	ND(1)	ND(1)	ND(1)	ND(25)		
01/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	5	ND(1)	ND(1)	ND(1)	ND(25)		
02/19/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	5	ND(1)	ND(1)	ND(1)	ND(25)		
09/08/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	2.4	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-36R	02/12/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.5	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-37	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	0.6 J	ND(1)	ND(5)	
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	04/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	0.6 J	0.9 J	ND(1)	ND(5)	
	09/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	0.9 J	1	ND(1)	ND(20)	
	10/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	2	3	ND(1)	ND(5)	
	11/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	1 J	2	ND(1)	ND(5)	
	12/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	2	2	ND(1)	ND(5)	
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	2	2	ND(1)	ND(5)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	0.6 J	0.6 J	ND(1)	ND(5)	
	03/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	36	1	3	3	5		
05/18/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	0.9 J	2	ND(1)	ND(5)		
06/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	1	3	ND(1)	ND(5)		
07/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	14	2	5	ND(1)	ND(5)		
08/10/2018		0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	9	ND(1)	0.5 J	0.6 J	ND(25)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-37	09/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	10/18/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/12/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	0.2 J	ND(1)	ND(25)	
	12/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.9 J	0.3 J	0.5 J	ND(1)	ND(25)	
	01/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	0.3 J	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(25)	
	03/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	06/25/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(25)	
	07/30/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/19/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.3 J	0.3 J	0.9 J	ND(1)	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/27/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	10/15/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/25/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
04/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-38	01/07/2016	0.5 J	ND(1)	ND(1)	ND(1)	0.5 J	24	ND(1)	1	4	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	0.7 J	2	ND(5)	
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	19	ND(1)	0.7 J	2	ND(5)	
	04/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	ND(1)	ND(1)	2	ND(5)	
	05/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	ND(1)	0.7 J	2	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	15	ND(1)	0.7 J	2	ND(5)	
	07/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	ND(1)	0.7 J	2	ND(5)	
	08/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	0.7 J	2	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	14	ND(1)	0.5 J	1	ND(5)	
	11/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	ND(1)	0.7 J	2	ND(5)	
	12/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	ND(1)	0.7 J	2	ND(5)	
	01/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	ND(1)	0.8 J	2	ND(5)	
	02/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	17	ND(1)	0.8 J	2	2 J	
03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	15	ND(1)	0.7 J	2	ND(5)		
04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	ND(1)	0.7 J	2	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-38	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	13	ND(1)	0.5 J	1	ND(5)	
	06/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	14	ND(1)	ND(1)	1	ND(5)	
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	15	ND(1)	0.6 J	2	ND(5)	
	08/08/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Pump down for repair
	09/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	19	ND(1)	1	ND(1)	ND(20)	
	10/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	33	ND(1)	2	1 J	ND(5)	
	11/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	68	ND(1)	2	2	ND(5)	
	12/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	150	0.8 J	3	ND(1)	ND(5)	
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	61	ND(1)	2	2	ND(5)	
	02/28/2018	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well pump stuck
	03/13/2018	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well pump stuck
	07/31/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	8	ND(1)	0.4 J	ND(1)	44	
	09/20/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	16	ND(1)	0.4 J	2	ND(25)	
	10/11/2018	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	10	ND(1)	0.3 J	1	ND(25)	
	10/18/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	8	ND(1)	0.3 J	0.8 J	ND(25)	
	11/12/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	6	ND(1)	ND(1)	0.6 J	ND(25)	
	12/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	01/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	0.3 J	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	8	ND(1)	0.2 J	0.9 J	ND(25)	
	03/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	8	ND(1)	0.2 J	0.8 J	ND(25)	
	04/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	8	ND(1)	0.2 J	0.9 J	ND(25)	
	07/30/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	5	ND(1)	ND(1)	0.4 J	ND(25)	
	08/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/18/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/19/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/10/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.8 J	ND(1)	0.2 J	ND(1)	ND(25)	
	02/19/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/09/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
11/03/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
01/25/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
04/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-38	09/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-40	03/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	8	29	15	100	152	11	ND(1)	0.9 J	2	19 J	
	12/14/2016	7	14	14	46	81	9	ND(1)	0.9 J	2	31	
	03/21/2017	10	58	51	140	259	14	0.6 J	1	3	31	
	06/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	ND(1)	0.9 J	2 J	
	09/15/2017	ND(1)	0.7 J	0.7 J	1 J	2 J	3	ND(1)	ND(1)	ND(1)	ND(20)	
	12/20/2017	36	190	200	510	936	87	4 J	8	15	180	
	02/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2018	ND(1)	1	ND(1)	4	5	5	ND(1)	0.5 J	1	3 J	
	08/07/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	04/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	10/09/2019	2	1	5	4	12	22	ND(1)	0.3 J	0.6 J	ND(25)	
	11/05/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	5	ND(1)	ND(1)	0.4 J	ND(25)	
	12/12/2019	3	5	14	13	35	18	ND(1)	0.5 J	ND(1)	ND(25)	
	02/06/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/11/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	2.7	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
11/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
04/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
08/30/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-41A	03/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/04/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	Gauging only as of 1/1/18
	03/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
09/23/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-41B	03/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	

Table 3

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-41B	03/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/04/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	08/15/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/21/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/23/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-41C	03/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/23/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-41C(75-80)	03/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/05/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/21/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
04/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-41C(95-97)	03/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2016	ND(1)	1 J	ND(1)	ND(1)	1 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/05/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/21/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
04/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-41C(120-130)	03/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/05/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/21/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
04/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-41C(190-195)	03/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/05/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/21/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
04/22/2021	ND(1.0)	0.42 J	ND(1.0)	ND(6.0)	0.42 J	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-47BB	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/07/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-47BB	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	3 J	
	08/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/13/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	ND(1)	0.2 J	ND(1)	ND(25)	
	02/25/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/21/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/18/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	03/03/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/05/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.21 J	0.22 J	0.32 J	ND(5.0)	ND(50)	
02/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	0.20 J	ND(5.0)	ND(50)		
MW-47C	01/10/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	01/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-47C(212.5)	07/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	07/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	0.2 J	ND(1)	ND(25)	
	08/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	0.2 J	ND(1)	ND(25)	
	10/21/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	11/04/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/07/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	11/18/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	12/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	0.2 J	ND(1)	ND(25)	
	02/14/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	03/11/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	04/16/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	04/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	04/22/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	0.2 J	ND(1)	ND(25)	
	04/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
04/24/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)		
04/27/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)		
10/05/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	2.9	0.22 J	0.35 J	ND(5.0)	ND(50)		



Table 3

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments	
MW-47C(HS-S)	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)		
	02/18/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)		
	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)		
	04/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)		
	05/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)		
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)		
	07/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)		
	08/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)		
	09/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(20)		
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)		
	11/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)		
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)		
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)		
	02/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)		
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)		
	04/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)		
	05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)		
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)		
	07/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	08/31/2017	0.5 J	ND(1)	ND(1)	ND(1)	ND(1)	0.5 J	4	ND(1)	ND(1)	ND(1)	ND(5)	
	09/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(20)	
	10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	11/16/2017	0.5 J	ND(1)	ND(1)	ND(1)	ND(1)	0.5 J	3	ND(1)	ND(1)	ND(1)	ND(5)	
	12/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	01/22/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	02/23/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	140	
	03/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)		
06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)		
07/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)		
08/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)		
09/06/2018	0.2 J	ND(1)	ND(1)	ND(1)	ND(5)	0.2 J	2	0.2 J	ND(1)	ND(1)	ND(25)		

Table 3

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments	
MW-47C(HS-S)	10/12/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	0.2 J	ND(1)	ND(25)		
	11/29/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)		
	12/17/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)		
	01/07/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	0.2 J	ND(1)	ND(25)		
	02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)		
	03/12/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)		
	12/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)		
MW-47C(HS-D)	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)		
	02/18/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)		
	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)		
	04/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)		
	05/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)		
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)		
	07/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)		
	08/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)		
	09/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(20)		
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)		
	11/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)		
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	9		
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)		
	02/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)		
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)		
	04/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)		
	05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)		
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)		
	07/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	08/31/2017	0.6 J	ND(1)	ND(1)	ND(1)	ND(1)	0.6 J	4	ND(1)	ND(1)	ND(1)	ND(5)	
	09/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(20)	
	10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
11/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)		
12/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)		
01/22/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)		
02/23/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	16		

Table 3

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-47C(HS-D)	03/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	07/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	08/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	09/06/2018	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	2	ND(1)	0.3 J	ND(1)	ND(25)	
	10/12/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	0.2 J	ND(1)	ND(25)	
	11/29/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	0.2 J	ND(1)	ND(25)	
	12/17/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	01/07/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	0.2 J	ND(1)	ND(25)	
	02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
03/12/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)		
MW-48D(229)	08/06/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/03/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/26/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	02/12/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-48D(HS-S)	01/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
04/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-48D(HS-S)	05/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/14/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/13/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/06/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/11/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	0.2 J	ND(1)	ND(25)	
	12/17/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)		
03/15/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
MW-48D(HS-D)	01/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-48D(HS-D)	11/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/14/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
08/13/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
09/06/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
10/11/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
11/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	0.3 J	ND(1)	ND(25)		
12/17/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
01/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
02/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)		
03/15/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
MW-52	03/24/2016	ND(1)	ND(1)	ND(1)	2	2	ND(1)	ND(1)	ND(1)	ND(1)	4 J	
	06/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	12/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	

Table 3

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14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-52	06/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/22/2017	ND(1)	ND(1)	ND(1)	0.5 J	0.5 J	0.6 J	ND(1)	ND(1)	ND(1)	ND(20)	
	02/19/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/23/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	02/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/04/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/21/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	11/19/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	12/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(25)	
10/27/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.34 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/11/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.45 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-54	01/22/2016	0.9 J	ND(1)	ND(1)	ND(1)	0.9 J	93	1	4	18	12	
	02/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	11	ND(1)	0.5 J	2	ND(5)	
	03/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	05/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	14	ND(1)	0.7 J	3	ND(5)	
	06/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	27	ND(1)	1	6	4 J	
	07/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	21	ND(1)	0.8 J	3	ND(5)	
	08/23/2016	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	52	0.8 J	2	9	6	
	09/23/2016	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	55	1 J	3	10	7 J	
	10/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	25	ND(1)	1	4	ND(5)	
	11/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	17	ND(1)	1 J	4	ND(5)	
	12/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	29	0.6 J	2	7	4 J	
	01/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	29	0.5 J	2	7	200	
	02/17/2017	0.5 J	ND(1)	ND(1)	ND(1)	0.5 J	34	0.6 J	2	7	3 J	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	45	0.6 J	1	4	ND(5)	
	04/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	3 J	
05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	17	ND(1)	1	2	ND(5)		
06/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

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MW-54	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	17	ND(1)	1	3	ND(5)	
	11/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	24	0.5 J	1	5	3 J	
	12/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	270	4	11	17	19 J	
	01/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/08/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	13	ND(1)	0.8 J	3	ND(5)	
	04/04/2018	2	0.8 J	ND(1)	ND(1)	3 J	19	ND(1)	ND(1)	1	7	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	07/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/22/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/05/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/12/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/30/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	0.4 J	ND(25)	
	07/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/25/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	2	ND(1)	0.3 J	0.8 J	ND(25)	
	03/09/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/09/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/25/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-54C(212.5)	06/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/25/2019	ND(1)	0.3 J	ND(1)	ND(3)	0.3 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/09/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/09/2020	23	2.4	3.9	3.0 J	32 J	5.3	32	130	ND(5.0)	7800	
	02/12/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-57	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/07/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	03/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/22/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	08/28/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/10/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/04/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/01/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	05/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/17/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
10/28/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
01/03/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
07/17/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-58	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	



Table 3

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-58	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	03/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/29/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	08/16/2018	0.7 J	0.4 J	6	41	48 J	3	ND(1)	0.3 J	ND(1)	ND(25)	
	09/24/2018	0.7 J	0.7 J	15	110	126 J	2	ND(2)	ND(2)	ND(2)	ND(50)	
	10/04/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	ND(1)	30	
	11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	12/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/31/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/01/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	05/13/2019	ND(1)	ND(1)	ND(1)	0.6 J	0.6 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/17/2019	ND(1)	ND(1)	ND(1)	4 J	4 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/17/2019	ND(1)	ND(1)	ND(1)	19	19	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	10/28/2019	ND(1)	ND(1)	ND(1)	35	35	0.9 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/03/2020	ND(1)	ND(1)	ND(1)	16	16	0.9 J	ND(1)	ND(1)	ND(1)	ND(25)	
07/17/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.26 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.50 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-59A	03/10/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	06/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/02/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	05/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	05/14/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
11/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
03/04/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		

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Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-59A	07/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/04/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	10/21/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/19/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/06/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/03/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/26/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
01/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-59B	08/14/2018	3	ND(1)	ND(1)	35	38	37	ND(1)	0.5 J	3	ND(25)	
	06/25/2019	ND(1)	ND(1)	ND(1)	2 J	2 J	10	ND(1)	ND(1)	0.8 J	ND(25)	
	09/12/2019	ND(1)	ND(1)	ND(1)	4	4	15	ND(1)	ND(1)	1	ND(25)	
	10/09/2019	ND(1)	ND(1)	ND(1)	3 J	3 J	26	ND(1)	0.5 J	ND(1)	ND(25)	
	11/05/2019	0.3 J	ND(1)	ND(1)	7	7 J	13	ND(1)	0.2 J	0.9 J	ND(25)	
	12/06/2019	ND(1)	ND(1)	ND(1)	2 J	2 J	12	ND(1)	ND(1)	0.8 J	ND(25)	
	01/03/2020	ND(1)	ND(1)	ND(1)	2 J	2 J	10	ND(1)	ND(1)	0.6 J	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/24/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	10/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/28/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
04/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/23/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-59D	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	2	ND(1)	22	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(20)	
03/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

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MW-59D	08/29/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/13/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/11/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/29/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/16/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/03/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
10/26/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
01/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-67	03/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/07/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	Gauging only as of 1/1/18
	03/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
08/30/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-72	03/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	12/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	0.6 J	ND(1)	ND(5)	
	03/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	06/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	2 J	
	05/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
06/03/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)		
09/12/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	0.4 J	ND(1)	ND(25)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-72	10/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/20/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	02/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/30/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-75	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	06/20/2016	ND(1)	ND(1)	ND(1)	4	4	16	ND(1)	ND(1)	ND(1)	ND(5)	
	09/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2017	ND(1)	13	4	23	40	14	ND(1)	ND(1)	0.8 J	ND(20)	
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(20)	
	03/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/23/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	03/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	4	ND(1)	ND(1)	ND(1)	ND(25)	
	04/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	09/12/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)	
	10/23/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/06/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/18/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.27 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/15/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.36 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
01/25/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
04/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/23/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-76	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-76	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	5 J	
	08/13/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/28/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/04/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/15/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	05/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/13/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	10/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	03/03/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
09/10/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.20 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
10/26/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.25 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/12/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-77A	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	0.8 J	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	2	ND(5)	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
05/25/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-77A	08/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/24/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	10/09/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/07/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/25/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	05/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	07/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/16/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/14/2020	ND(10)	ND(10)	ND(10)	ND(30)	BRL	ND(10)	ND(10)	ND(10)	ND(10)	ND(250)	
	07/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.20 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/24/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.22 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
10/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
01/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-77B	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	8	
	09/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/25/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/16/2018	0.5 J	ND(1)	ND(1)	ND(5)	0.5 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/25/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
05/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
07/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		

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14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-77B	10/16/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/14/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/24/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	10/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-78A	03/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/05/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/03/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	04/10/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/17/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/28/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
07/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-78C	06/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/07/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
MW-78C(69)	03/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	3 J	
	09/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	04/04/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
08/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-78C(95)	03/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	04/04/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
08/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
MW-78C(134)	03/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	04/04/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
08/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
MW-78C(157)	03/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	3 J	
	09/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	04/04/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	13	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
08/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
MW-78C(180)	03/02/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/05/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	



Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-78C(192)	03/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	3 J	
	09/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	04/04/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
08/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
MW-78C(227)	03/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	04/04/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
08/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
MW-78C(290)	03/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	04/04/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
08/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		

Table 3

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-80A	03/18/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/23/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/10/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/18/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/15/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/03/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/25/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/12/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
10/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
01/27/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)		
03/03/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
09/10/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/11/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
03/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-80B	03/18/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/23/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
09/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-80B	12/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/10/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/18/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/11/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/03/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/25/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/12/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	0.3 J	ND(1)	ND(25)	
	10/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/27/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/03/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/24/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
09/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
10/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/11/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-82	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	14	
05/25/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
08/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-82	11/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/31/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	05/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	14	0.2 J	0.7 J	ND(1)	ND(25)	
	10/17/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/14/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/25/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/24/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/10/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/04/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/18/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
04/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/23/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-82R	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	72	0.8 J	2	2	5	
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	0.7 J	ND(1)	ND(5)	
	04/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	2 J	
	05/17/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	07/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(20)	
	10/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	11/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	01/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
02/08/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	0.5 J	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-82R	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	21	ND(1)	0.5 J	1	ND(5)	
	04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	06/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	07/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	09/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	10/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	11/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	04/04/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	05/25/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	4	ND(1)	ND(1)	ND(1)	ND(25)	
	10/04/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	10/25/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/31/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	20	0.4 J	1	ND(1)	ND(25)	
	01/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	32	ND(1)	0.5 J	2	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	05/21/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	06/25/2019	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	1 J	ND(1)	ND(1)	ND(1)	ND(25)	
	07/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	14	0.3 J	1	ND(1)	ND(25)	
	10/14/2019	0.6 J	ND(1)	ND(1)	ND(3)	0.6 J	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/05/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	01/14/2020	0.9 J	ND(1)	ND(1)	ND(3)	0.9 J	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-82R	04/17/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	07/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	10/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/18/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/23/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-84	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	0.9 J	ND(1)	24	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(20)	
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	7 J	
	03/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/23/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/12/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/30/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/27/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/09/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/27/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
09/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
10/15/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/11/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-85	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2017	2	130	35	750	917	23	ND(1)	ND(1)	2	ND(20)	
	12/21/2017	ND(1)	6	4	20	30	17	ND(1)	ND(1)	1	ND(20)	
	03/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/23/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/23/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/24/2018	0.3 J	0.2 J	0.2 J	ND(5)	0.7 J	3	ND(1)	ND(1)	ND(1)	ND(25)	
	10/10/2018	ND(1)	ND(1)	0.2 J	2 J	2 J	1	ND(1)	ND(1)	ND(1)	ND(25)	
	11/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/12/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/30/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/27/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
03/09/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
09/09/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/11/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-87	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/17/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-87	08/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	11	
	02/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	04/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	7	
	05/25/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
08/23/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
09/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
10/24/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
11/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
01/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		



Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-87	02/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/12/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/30/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/27/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/09/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/09/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
02/11/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-88	03/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	05/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/06/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/12/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/06/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
03/09/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
10/26/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/11/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-89	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	40	ND(1)	1	1	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	12	ND(1)	ND(1)	0.6 J	4 J	
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	04/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	05/17/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	06/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-89	07/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	2 J	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	41	ND(1)	ND(1)	1 J	13	
	04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	99	ND(1)	1	4	7	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	49	ND(1)	1	ND(1)	7	
	06/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	07/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	17	ND(1)	0.6 J	0.8 J	ND(5)	
	08/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	24	ND(1)	ND(1)	1	ND(5)	
	09/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	17	ND(1)	ND(1)	0.6 J	ND(20)	
	10/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	15	ND(1)	ND(1)	ND(1)	ND(5)	
	11/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(20)	
	01/31/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	140	0.6 J	2	7	3 J	
	03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	120	0.5 J	1	5	ND(5)	
	04/04/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	33	ND(1)	0.6 J	0.8 J	ND(5)	
	05/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	ND(1)	1	ND(5)	
	06/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	12	ND(1)	ND(1)	0.7 J	ND(5)	
	07/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	13	ND(1)	ND(1)	0.7 J	ND(5)	
	08/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	8	ND(1)	ND(1)	ND(1)	ND(25)	
	09/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	8	ND(1)	ND(1)	ND(1)	ND(25)	
	10/04/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	6	ND(1)	ND(1)	ND(1)	ND(25)	
	10/25/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	

Table 3

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-89	11/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/31/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	04/12/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	10/17/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	5	ND(1)	ND(1)	ND(1)	ND(25)	
	01/14/2020	ND(10)	ND(10)	ND(10)	ND(30)	BRL	6 J	ND(10)	ND(10)	ND(10)	ND(250)	
	04/17/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	4	ND(1)	ND(1)	ND(1)	ND(25)	
	07/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/24/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	10/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/18/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
04/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/23/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-91	01/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	3 J	
	02/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/18/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/11/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
03/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-91	04/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	09/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/04/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/04/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/07/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/18/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/29/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/28/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	05/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/04/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-91	12/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/08/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/14/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/11/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/16/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/22/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/24/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/27/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/17/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
10/26/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-91C	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/08/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not Sampled
06/23/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
07/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-91C	08/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	120	
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.5 J	ND(1)	45	
	02/21/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	16	
	03/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	0.6 J	ND(1)	ND(5)	
	04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/23/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	06/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	13	1	5	ND(1)	76	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	10	1	5	0.5 J	160	
	08/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	5	1	5	ND(1)	85	
	09/18/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	17	0.5 J	4	0.5 J	ND(25)	
	10/09/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	6	2	6	ND(1)	43	
	11/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	16	2	9	0.8 J	36	
	12/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	4	ND(1)	0.8 J	ND(1)	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	10	1	4	0.4 J	ND(25)	
	02/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	16	2	6	0.8 J	44	
	03/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	16	2	7	0.7 J	48	
	05/21/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	1	5	ND(1)	ND(25)	
	07/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	16	0.9 J	2	0.3 J	ND(25)	
	08/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	4	0.2 J	0.6 J	ND(1)	ND(25)	
	10/23/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	2	ND(1)	0.4 J	ND(1)	ND(25)	
	11/04/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/30/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/22/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-91C	04/24/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/27/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/24/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	10/15/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.33 J	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)
	02/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
07/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-91D	01/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	8	
	07/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	3 J	
	08/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	09/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/04/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
11/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
12/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
01/31/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)		
02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-91D	03/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/04/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	2 J	
	08/22/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/05/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/18/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/31/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/03/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/06/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/10/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
10/26/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-99A	06/25/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/08/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/28/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	07/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-100B	03/17/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
12/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		



Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-100B	02/14/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/03/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	05/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
07/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-101A	03/17/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	7	
	02/14/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/03/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	08/28/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/18/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/04/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	23 J	
	11/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/21/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	05/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/25/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
09/08/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
11/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
01/28/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
04/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
07/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-105	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/12/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/05/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
07/15/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/04/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-106	03/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	4 J	
	08/06/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/30/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/18/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/04/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	25 J	
11/28/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
12/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-106	01/10/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	05/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/27/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	3.2	ND(1.0)	0.45 J	ND(5.0)	ND(50)	
	09/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	2.7	ND(1.0)	0.34 J	ND(5.0)	ND(50)	
	10/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	02/12/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	03/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
09/23/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-110	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	0.6 J	ND(1)	10 J	
	12/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	03/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/21/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/24/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/10/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/08/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/11/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/25/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
01/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
02/19/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
09/08/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-110	02/12/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-125	03/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/19/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/07/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	05/20/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/06/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
10/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
08/30/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-137	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	06/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	0.5 J	2	ND(1)	23	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(20)	
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/24/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
08/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)		
10/23/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-137	11/15/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/04/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	05/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/13/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/03/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/24/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	10/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
01/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-138	03/10/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	13	
	05/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	13	
	02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	05/14/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/13/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/29/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/09/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/04/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
01/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
03/04/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
05/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-138	09/12/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/03/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/10/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	02/12/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-139	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/23/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	1	ND(1)	ND(20)	
	12/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	0.6 J	ND(1)	ND(20)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/23/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	0.2 J	0.6 J	ND(1)	ND(25)	
	12/03/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	0.8 J	2	0.5 J	ND(25)	
	03/11/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	0.7 J	2	ND(1)	ND(25)	
	06/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	0.3 J	ND(1)	ND(25)	
	11/25/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	ND(1)	0.3 J	ND(1)	ND(25)	
	03/10/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.3 J	ND(1)	0.3 J	ND(1)	ND(25)	
	04/07/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.3 J	ND(1)	0.2 J	ND(1)	ND(25)	
	09/15/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	7.2	ND(1.0)	0.21 J	ND(5.0)	ND(50)	
	11/06/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	37	ND(1.0)	0.62 J	ND(5.0)	ND(50)	
01/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	25	2.4	6.4	1.1 J	86		
04/16/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.6	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
07/06/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.5	0.39 J	1.0	ND(5.0)	ND(50)		
MW-140A	03/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	

Table 3

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-140A	03/07/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	Gauging only as of 1/1/18
	03/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/30/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-140B	03/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/07/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/14/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	08/15/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
08/30/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-144	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	6	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/23/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	0.5 J	1	ND(1)	ND(20)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/21/2018	0.9 J	ND(1)	1	10	12 J	2	ND(1)	ND(1)	0.8 J	4 J	
	08/23/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-144	03/11/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/25/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	03/10/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	02/04/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-146C(HS-S)	01/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/29/2016	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2016	0.7 J	ND(1)	ND(1)	ND(1)	0.7 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/30/2016	0.7 J	ND(1)	ND(1)	ND(1)	0.7 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/28/2016	0.7 J	ND(1)	ND(1)	ND(1)	0.7 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/30/2016	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/30/2017	1	ND(1)	ND(1)	ND(1)	1	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/28/2017	0.7 J	ND(1)	ND(1)	ND(1)	0.7 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/31/2017	0.8 J	ND(1)	ND(1)	ND(1)	0.8 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	1 J	ND(1)	ND(1)	ND(1)	1 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
12/18/2017	2	0.6 J	ND(1)	ND(1)	3 J	14	ND(1)	ND(1)	0.9 J	7		
01/31/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	3 J	No Access as of April 2018	



Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-146C(HS-D)	01/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/29/2016	0.7 J	ND(1)	ND(1)	ND(1)	0.7 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2016	0.7 J	ND(1)	ND(1)	ND(1)	0.7 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/30/2016	0.8 J	ND(1)	ND(1)	ND(1)	0.8 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/28/2016	0.8 J	ND(1)	ND(1)	ND(1)	0.8 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/30/2016	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/30/2017	0.9 J	ND(1)	ND(1)	ND(1)	0.9 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/31/2017	0.8 J	ND(1)	ND(1)	ND(1)	0.8 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/28/2017	0.7 J	ND(1)	ND(1)	ND(1)	0.7 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/31/2017	0.8 J	ND(1)	ND(1)	ND(1)	0.8 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	1 J	ND(1)	ND(1)	ND(1)	1 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
10/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)		
10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
11/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
12/18/2017	2	0.7 J	ND(1)	ND(1)	3 J	17	ND(1)	ND(1)	1 J	8		
01/31/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	No Access as of April 2018	
MW-151	03/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	09/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	0.8 J	1	3	ND(20)	
	12/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	1 J	ND(1)	ND(20)	
	02/28/2018	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Immobile pump

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**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-151	05/09/2018	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Pump broken & stuck
	08/24/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	0.3 J	ND(1)	ND(25)	
	12/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	ND(1)	0.3 J	0.5 J	ND(25)	
	03/12/2019	2	2	0.3 J	3 J	7 J	16	ND(1)	ND(1)	1	ND(25)	
	06/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/25/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	12/13/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.37 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	03/10/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.4	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	08/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.68 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/18/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.61 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	10/20/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.28 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/16/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.56 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
07/06/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-152	03/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	5	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	0.9 J	ND(1)	ND(5)	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	3 J	
	09/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	15	0.8 J	1	3	ND(20)	
	12/27/2017	ND(1)	2	ND(1)	ND(1)	2	32	0.6 J	1	1	ND(20)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	9	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	11	0.6 J	0.8 J	ND(1)	3 J	
	08/01/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	9 J	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	02/01/2019	ND(1)	1 J	2	35	38 J	10	0.5 J	1	1	ND(25)	
	06/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/02/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)	
07/24/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
08/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-152	10/21/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/18/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/10/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/10/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/07/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/11/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.47 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/07/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
07/06/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-154	03/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/12/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2017	ND(2)	ND(2)	ND(2)	ND(2)	BRL	ND(2)	ND(2)	ND(2)	ND(2)	ND(40)	
	12/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/22/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/10/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-159	03/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/14/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
05/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-159	08/23/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/06/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/03/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/12/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	0.5 J	ND(1)	ND(25)	
	10/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/20/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	02/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
08/30/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-160	03/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/19/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/03/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/09/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/06/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
10/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
08/30/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(235)	01/06/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	01/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	01/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	01/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	02/04/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	02/17/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	02/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	03/03/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	03/11/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(5)	
	03/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	03/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	04/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	04/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	05/05/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	06/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	07/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	08/05/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	09/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	10/18/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	11/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	12/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
01/06/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)		
02/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
04/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
05/17/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-168(235)	06/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/29/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(20)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	03/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)	
	10/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	0.3 J	ND(1)	ND(25)	
	11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	0.3 J	ND(1)	ND(25)	
	12/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	0.2 J	ND(1)	ND(25)	
	01/31/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	0.2 J	ND(1)	ND(25)	
	02/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	ND(1)	0.2 J	ND(1)	ND(25)	
	03/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	06/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/31/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/04/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/14/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/11/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/16/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/22/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/24/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/27/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
07/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
08/24/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/17/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
10/15/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-169	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	04/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	07/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	ND(1)	1	7 J	
	10/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	11/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	01/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	02/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2017	ND(5)	ND(5)	ND(5)	ND(5)	BRL	7	ND(5)	ND(5)	ND(5)	ND(25)	
	06/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	08/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	10/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	12/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	6	
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	02/20/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	03/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	04/04/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
05/23/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)		
06/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)		
07/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
08/14/2018	0.3 J	ND(1)	ND(1)	ND(1)	ND(5)	0.3 J	1	ND(1)	ND(1)	ND(1)	ND(25)	
09/19/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-169	10/18/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	11/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	12/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/25/2019	ND(1)	ND(1)	ND(1)	4 J	4 J	4	ND(1)	ND(1)	ND(1)	ND(25)	
	03/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	06/12/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/31/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/15/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/23/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/18/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/06/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/06/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/17/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/02/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
01/20/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
04/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
07/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-170	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	3 J	
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	04/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(20)	
	10/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	7	



Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-170	01/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	2 J	
	07/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.6 J	ND(1)	ND(5)	
	08/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	6	
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	02/20/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/04/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/23/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	07/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	08/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	10/18/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/25/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)	
	03/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	05/02/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	07/31/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	10/23/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/19/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/06/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	

Table 3

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-170	01/06/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/17/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/02/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/20/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	07/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-171	01/28/2016	1	0.7 J	ND(1)	2	4 J	32	ND(1)	0.6 J	2	ND(5)	
	02/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	11	ND(1)	ND(1)	ND(1)	ND(5)	
	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/23/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	05/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
09/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)		
10/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
11/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
12/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
01/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-171	02/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/04/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	2 J	
	08/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/07/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/17/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	05/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/06/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/03/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
07/17/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-171C	01/10/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.7 J	ND(1)	0.2 J	ND(1)	ND(25)	
MW-171C(207.5)	06/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(25)	
	07/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/04/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	0.2 J	ND(1)	ND(25)	
	12/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.7 J	ND(1)	0.2 J	ND(1)	ND(25)	
	01/02/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.7 J	ND(1)	0.2 J	ND(1)	ND(25)	
	02/14/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	03/11/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	04/16/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	04/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.7 J	ND(1)	0.2 J	ND(1)	ND(25)	
	04/22/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.7 J	ND(1)	0.2 J	ND(1)	ND(25)	
	04/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.7 J	ND(1)	0.2 J	ND(1)	ND(25)	
04/24/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.7 J	ND(1)	0.2 J	ND(1)	ND(25)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-171C(207.5)	04/27/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	08/12/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.2	ND(1.0)	0.40 J	ND(5.0)	ND(50)	
	02/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.54 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-171C(HS-S)	01/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.5 J	ND(1)	ND(5)	
	02/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.5 J	ND(1)	ND(5)	
	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.6 J	ND(1)	ND(5)	
	04/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.7 J	ND(1)	ND(5)	
	05/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.8 J	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	0.6 J	ND(1)	ND(5)	
	07/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.7 J	ND(1)	ND(5)	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.6 J	ND(1)	ND(5)	
	11/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.7 J	ND(1)	ND(5)	
	01/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.7 J	ND(1)	ND(5)	
	02/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.7 J	ND(1)	ND(5)	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.6 J	ND(1)	ND(5)	
	04/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.5 J	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	07/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.5 J	ND(1)	ND(5)	
	09/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(20)	
	10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(5)	
	11/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
12/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)		
01/22/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)		
02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	2 J		
03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)		
04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-171C(HS-S)	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.6 J	ND(1)	ND(5)	
	06/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	07/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.6 J	ND(1)	ND(5)	
	08/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	0.5 J	ND(1)	ND(25)	
	09/10/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	0.4 J	ND(1)	ND(25)	
	10/04/2018	ND(1)	0.8 J	ND(1)	ND(5)	0.8 J	2	ND(1)	0.7 J	ND(1)	ND(25)	
	11/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	0.3 J	ND(1)	ND(25)	
	12/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	0.3 J	ND(1)	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	0.3 J	ND(1)	ND(25)	
02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	0.3 J	ND(1)	ND(25)		
03/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)		
MW-171C(HS-D)	01/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	02/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.6 J	ND(1)	ND(5)	
	04/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.7 J	ND(1)	ND(5)	
	05/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.8 J	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.6 J	ND(1)	ND(5)	
	07/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.8 J	ND(1)	9	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.5 J	ND(1)	ND(20)	
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.5 J	ND(1)	ND(5)	
	11/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.7 J	ND(1)	ND(5)	
	01/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.7 J	ND(1)	ND(5)	
	02/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.6 J	ND(1)	ND(5)	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.6 J	ND(1)	ND(5)	
	04/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.6 J	ND(1)	ND(5)	
06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)		
07/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-171C(HS-D)	08/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.6 J	ND(1)	ND(5)	
	09/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	11/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	12/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	01/22/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	02/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.6 J	ND(1)	ND(5)	
	06/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	07/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.6 J	ND(1)	ND(5)	
	08/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	0.4 J	ND(1)	ND(25)	
	09/10/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	0.4 J	ND(1)	ND(25)	
	10/04/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	0.7 J	ND(1)	ND(25)	
	11/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	0.3 J	ND(1)	ND(25)	
	12/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	0.3 J	ND(1)	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.9 J	ND(1)	0.3 J	ND(1)	ND(25)	
02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.9 J	ND(1)	0.2 J	ND(1)	ND(25)		
03/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)		
MW-176	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	81	0.8 J	2	4	3 J	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	67	ND(1)	1	1 J	ND(5)	
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	1 J	ND(1)	ND(5)	
	04/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	1	ND(1)	ND(5)	
	05/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	1 J	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	0.9 J	ND(1)	ND(5)	
	07/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	0.8 J	ND(1)	ND(5)	
	08/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	1	ND(1)	ND(20)	
10/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.9 J	ND(1)	ND(5)		

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**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments	
MW-176	11/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.9 J	ND(1)	ND(5)		
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	4 J		
	01/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	70	ND(1)	1	4	ND(5)		
	02/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	50	0.6 J	ND(1)	1	ND(5)		
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	35	ND(1)	1	0.6 J	ND(5)		
	04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	1	ND(1)	ND(5)		
	05/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	0.8 J	ND(1)	ND(5)		
	06/23/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.9 J	ND(1)	ND(5)		
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	0.6 J	ND(1)	ND(5)		
	08/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	0.6 J	ND(1)	ND(5)		
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(20)		
	10/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.7 J	ND(1)	ND(5)		
	11/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	1	ND(1)	ND(5)		
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	0.9 J	ND(1)	ND(20)		
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	02/21/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	0.5 J	ND(1)	ND(5)		
	03/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	0.6 J	ND(1)	ND(5)		
	04/04/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	1	ND(1)	ND(5)		
	05/23/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.5 J	ND(1)	ND(5)		
	06/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	1	ND(1)	ND(5)		
	07/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	19	0.5 J	2	ND(1)	ND(5)		
	08/14/2018	0.3 J	ND(1)	ND(1)	ND(1)	ND(5)	0.3 J	2	0.3 J	0.7 J	ND(1)	ND(25)	
	09/19/2018	0.4 J	ND(1)	ND(1)	ND(1)	ND(5)	0.4 J	7	0.5 J	1	ND(1)	ND(25)	
	10/18/2018	0.3 J	ND(1)	ND(1)	ND(1)	ND(5)	0.3 J	2	0.6 J	2	ND(1)	ND(25)	
	11/19/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	BRL	6	0.7 J	2	ND(1)	ND(25)	
	12/20/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	BRL	20	0.4 J	1	0.5 J	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	0.4 J	1	ND(1)	ND(25)	
	02/25/2019	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	0.3 J	0.8 J	ND(1)	ND(25)	
03/19/2019	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	ND(1)	0.5 J	ND(1)	ND(25)		
05/02/2019	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	0.2 J	ND(1)	ND(25)		
07/31/2019	ND(1)	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.3 J	ND(1)	0.4 J	ND(1)	ND(25)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-176	10/14/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	0.4 J	ND(1)	ND(25)	
	11/04/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	0.6 J	ND(1)	ND(25)	
	12/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.7 J	ND(1)	0.4 J	ND(1)	ND(25)	
	01/10/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.6 J	ND(1)	0.4 J	ND(1)	ND(25)	
	02/14/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	2	0.4 J	1	ND(1)	ND(25)	
	03/11/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.8 J	0.3 J	1 J	ND(1)	ND(25)	
	04/16/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	10	ND(1)	0.6 J	ND(1)	ND(25)	
	04/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.8 J	ND(1)	0.4 J	ND(1)	ND(25)	
	04/22/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.8 J	ND(1)	0.4 J	ND(1)	ND(25)	
	04/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.8 J	ND(1)	0.4 J	ND(1)	ND(25)	
	04/24/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.8 J	ND(1)	0.4 J	ND(1)	ND(25)	
	04/27/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.7 J	ND(1)	0.4 J	ND(1)	ND(25)	
	10/15/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	15	ND(1.0)	0.57 J	ND(5.0)	ND(50)	
	11/02/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	6.2	ND(1.0)	0.37 J	ND(5.0)	ND(50)	
	01/20/2021	0.28 J	ND(1.0)	ND(1.0)	ND(6.0)	0.28 J	16	ND(1.0)	0.62 J	ND(5.0)	ND(50)	
04/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	11	ND(1.0)	0.39 J	ND(5.0)	ND(50)		
09/21/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.1	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-176CC	02/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.26 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-176CC(HS)	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	ND(1)	ND(1)	ND(5)	
	03/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)	
	04/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	05/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	07/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(20)	
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	11/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
02/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)		
03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		



Table 3

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-176CC(HS)	04/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	430	
	08/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	09/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	09/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	10/04/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	10/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	12/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/29/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/23/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	8	
	03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/18/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/05/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	10/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/07/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
03/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)		
05/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)		
08/06/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)		
03/03/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)		
08/12/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.31 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-177	01/10/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	5	ND(1)	0.3 J	ND(1)	ND(25)	

Table 3

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14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-177(130)	03/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	3 J	
	09/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/21/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)		
02/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)		
MW-177(143)	03/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	3 J	
	09/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/21/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	0.2 J	ND(1)	ND(25)		
02/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)		
MW-177(187.75)	06/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	4	ND(1)	0.2 J	ND(1)	ND(25)	
	07/31/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	ND(1)	0.3 J	ND(1)	ND(25)	
	11/04/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	5	ND(1)	0.3 J	ND(1)	ND(25)	
	12/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	5	ND(1)	0.3 J	ND(1)	ND(25)	
	02/14/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	4	ND(1)	0.2 J	ND(1)	ND(25)	
	03/11/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	4	ND(1)	0.2 J	ND(1)	ND(25)	
04/16/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)		

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**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-177(187.75)	04/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	4	ND(1)	ND(1)	ND(1)	ND(25)	
	04/22/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	ND(1)	0.2 J	ND(1)	ND(25)	
	04/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	4	ND(1)	0.2 J	ND(1)	ND(25)	
	04/24/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	04/27/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	08/12/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	2.0	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	02/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.8	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-177(220)	03/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	3 J	
	09/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	2 J	
	06/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/21/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	02/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
MW-177(228)	03/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	09/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/21/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-177(228)	11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	02/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
MW-177(236)	03/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	09/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/21/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	02/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
MW-177(HS-S)	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	04/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	05/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	11/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	4 J	
	08/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
09/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)		
10/04/2017	2	ND(1)	ND(1)	ND(1)	2	210	7	27	15	1600		
10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.7 J	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-177(HS-S)	10/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(20)	
	10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(20)	
	11/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	12/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	01/22/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	6	
	03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	04/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	07/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(20)	
	09/06/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	10/05/2018	ND(1)	0.2 J	ND(1)	ND(5)	0.2 J	2	ND(1)	0.2 J	ND(1)	25 J	
	12/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	0.2 J	ND(1)	ND(25)	
	01/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
03/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	0.3 J	ND(1)	ND(25)		
MW-177(HS-D)	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	04/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	05/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	08/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	11/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	9	
	08/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
10/04/2017	2	ND(1)	ND(1)	ND(1)	2	200	7	27	15	1200		
10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.6 J	ND(1)	ND(5)		
10/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(20)		
10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(20)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-177(HS-D)	11/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	12/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	01/22/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	04/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(20)	
	09/06/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	10/05/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	0.2 J	ND(1)	ND(25)	
01/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)		
03/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	0.3 J	ND(1)	ND(25)		
MW-178B	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/12/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/17/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/17/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/24/2017	0.5 J	ND(1)	ND(1)	ND(1)	0.5 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
06/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
07/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	3 J		
08/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
09/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(20)		

Table 3

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Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-178B	10/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	11/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	12/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	8	
	01/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/08/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/17/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	12	ND(1)	ND(1)	0.4 J	ND(25)	
	10/10/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	20	ND(1)	0.3 J	0.7 J	ND(25)	
	11/08/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	16	ND(1)	ND(1)	0.6 J	ND(25)	
	12/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	9	ND(1)	ND(1)	ND(1)	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	10	ND(1)	ND(1)	ND(1)	ND(25)	
	02/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	23	ND(1)	0.3 J	1	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	24	ND(1)	0.3 J	0.7 J	ND(25)	
	05/20/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	22	ND(1)	0.3 J	0.7 J	ND(25)	
	07/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	19	ND(1)	ND(1)	0.5 J	ND(25)	
	10/15/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	20	ND(1)	0.2 J	0.7 J	ND(25)	
	11/05/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	22	ND(1)	0.3 J	0.7 J	ND(25)	
	12/06/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	22	ND(1)	0.3 J	0.9 J	ND(25)	
01/02/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	20	ND(1)	0.3 J	0.7 J	ND(25)		
04/16/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	15	ND(1)	0.2 J	0.5 J	ND(25)		
09/08/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	14	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
11/03/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	11	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
01/25/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	4.3	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
04/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	3.7	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/21/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.0	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-179C	06/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	10/15/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-179C(250)	07/29/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/02/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	0.3 J	ND(1)	ND(25)	
	08/12/2020	ND(1.0) F1	ND(1.0) F1	ND(1.0) F1	ND(6.0) F1	BRL F1	5.5	ND(1.0)	1.1	ND(5.0)	ND(50)	
	02/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.45 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-179C(HS-S)	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	4 J	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	0.9 J	ND(1)	4 J	
	03/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.7 J	ND(1)	2 J	
	04/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	0.7 J	ND(1)	ND(5)	
	05/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.9 J	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	0.8 J	ND(1)	ND(5)	
	07/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	0.9 J	ND(1)	ND(5)	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	0.5 J	ND(1)	ND(20)	
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	0.8 J	ND(1)	ND(5)	
	11/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	0.9 J	ND(1)	ND(5)	
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	0.9 J	ND(1)	ND(5)	
	02/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	0.8 J	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	0.8 J	ND(1)	ND(5)	
	04/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	0.8 J	ND(1)	ND(5)	
	05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	07/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	08/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	1 J	ND(1)	ND(5)	
	11/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	12/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
01/22/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	0.7 J	ND(1)	ND(5)		
02/23/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	0.5 J	ND(1)	5		
03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)		
04/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)		
05/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)		



Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-179C(HS-S)	06/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	07/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	09/06/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	0.3 J	ND(1)	ND(25)	
	10/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	ND(1)	1	ND(1)	ND(25)	
	11/29/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	0.2 J	ND(1)	ND(25)	
	12/17/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
03/15/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)		
MW-179C(HS-D)	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	46	ND(1)	5	0.6 J	6	
	03/15/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	2	ND(1)	ND(5)	
	04/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	0.6 J	ND(1)	ND(5)	
	05/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	29	ND(1)	3	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	25	ND(1)	3	ND(1)	ND(5)	
	07/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	22	ND(1)	2	ND(1)	ND(5)	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	24	ND(1)	2	ND(1)	ND(20)	
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	28	ND(1)	3	ND(1)	ND(5)	
	11/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	43	ND(1)	4	0.5 J	ND(5)	
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	43	ND(1)	4	ND(1)	ND(5)	
	02/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	2	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	39	ND(1)	4	ND(1)	ND(5)	
	04/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	36	ND(1)	4	ND(1)	ND(5)	
	05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	10	
	07/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	08/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)		
10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	37	ND(1)	4	ND(1)	ND(5)		
11/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-179C(HS-D)	12/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	01/22/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	27	ND(1)	3	ND(1)	ND(5)	
	02/23/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	4 J	
	03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	04/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	06/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	07/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	08/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	09/06/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	0.3 J	ND(1)	ND(25)	
	10/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	27	ND(1)	3	0.4 J	ND(25)	
	11/29/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	0.3 J	ND(1)	ND(25)	
	12/17/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	0.2 J	ND(1)	ND(25)	
	01/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(25)		
03/15/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)		
MW-180A	01/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	02/12/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/18/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/17/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/11/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)	
	12/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	03/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	12	
04/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(5)		
05/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)		

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14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-180A	06/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	07/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	09/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/13/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	03/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	04/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/12/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/17/2018	0.4 J	ND(1)	ND(1)	ND(5)	0.4 J	2	ND(1)	ND(1)	ND(1)	ND(25)	
	10/05/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	11/29/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/31/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	05/20/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(25)	
	07/29/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
01/13/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
07/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
08/24/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
10/22/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
02/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-181B	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments	
MW-181B	04/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	05/17/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	07/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	08/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)		
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)		
	11/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	12/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	01/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	8		
	02/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)		
	05/16/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
	06/07/2017	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	07/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	1	1	140	ND(1)	1	9	18 J	
	01/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	71	ND(1)	0.7 J	4	6	
	03/08/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	ND(1)	ND(1)	ND(5)	
	05/22/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	06/08/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	07/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
08/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(20)		
08/27/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)		
09/14/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	ND(1)	ND(1)	ND(1)	ND(25)		
10/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	BRL	6	ND(1)	ND(1)	ND(1)	ND(25)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-181B	12/03/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	12/27/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	8	ND(1)	ND(1)	0.3 J	ND(25)	
	01/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	ND(1)	ND(1)	0.3 J	ND(25)	
	02/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	5	ND(1)	ND(1)	ND(1)	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	5	ND(1)	ND(1)	ND(1)	ND(25)	
	06/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	4	ND(1)	ND(1)	ND(1)	ND(25)	
	07/30/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	10/17/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)	
	03/09/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.6	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/09/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.6	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
02/11/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-181C	04/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	12	ND(1)	0.3 J	0.3 J	ND(25)	
MW-181C(126)	03/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	14	ND(1)	0.6 J	0.7 J	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	0.5 J	ND(1)	ND(5)	
	09/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	0.6 J	0.5 J	ND(20)	
	12/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	12	ND(1)	0.6 J	0.7 J	ND(5)	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	19	ND(1)	0.7 J	1	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	0.6 J	1	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	0.6 J	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	27	ND(1)	0.8 J	2	ND(25)	
	11/20/2018	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	7	ND(1)	0.4 J	0.4 J	ND(25)	
02/27/2019	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	10	ND(1)	0.4 J	0.5 J	ND(25)		
MW-181C(179)	03/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	19	ND(1)	0.7 J	1	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	0.6 J	ND(1)	ND(5)	
	09/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	0.5 J	ND(1)	ND(20)	
	12/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	0.7 J	1	ND(5)	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	19	ND(1)	0.7 J	1	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	0.8 J	1	ND(20)	

Table 3

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January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-181C(179)	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	0.6 J	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	14	ND(1)	ND(1)	0.7 J	ND(5)	
	05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	27	0.3 J	0.8 J	2	ND(25)	
	11/20/2018	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	7	ND(1)	0.4 J	0.4 J	ND(25)	
	02/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	10	ND(1)	0.4 J	0.4 J	ND(25)	
MW-181C(187)	03/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	12	ND(1)	ND(1)	0.6 J	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	0.5 J	0.5 J	ND(5)	
	09/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(20)	
	12/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	0.7 J	1	11	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	19	ND(1)	0.7 J	1	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	0.8 J	1	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	0.7 J	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	15	ND(1)	ND(1)	0.7 J	ND(5)	
	05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	25	0.3 J	0.8 J	2	ND(25)	
	11/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	ND(1)	0.4 J	0.4 J	ND(25)	
02/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	10	ND(1)	0.3 J	0.4 J	ND(25)		
MW-181C(212.5)	03/09/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	11	ND(1)	0.3 J	0.3 J	ND(25)	
	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	15	ND(1.0)	0.33 J	ND(5.0)	ND(50)	
	09/09/2020	ND(1.0) F1	ND(1.0)	ND(1.0)	ND(6.0)	BRL F1	15	ND(1.0)	0.33 J	ND(5.0)	ND(50)	
	11/03/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	11	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/25/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	13	ND(1.0)	0.25 J	ND(5.0)	ND(50)	
	04/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	13	ND(1.0)	0.24 J	ND(5.0)	ND(50)	
	09/22/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	13	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-181C(215)	03/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	15	ND(1)	0.6 J	0.8 J	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	
	09/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(20)	
	12/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	19	ND(1)	0.7 J	1	12	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	0.7 J	1	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	0.7 J	1	ND(20)		

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**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-181C(215)	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	0.5 J	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	0.6 J	ND(5)	
	08/24/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	26	0.3 J	0.8 J	2	ND(25)	
	11/20/2018	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	7	ND(1)	0.4 J	0.4 J	ND(25)	
	02/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	10	ND(1)	0.4 J	0.4 J	ND(25)	
	06/17/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	17	ND(1)	0.4 J	0.4 J	ND(25)	
MW-181C(221)	03/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	0.6 J	1 J	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	0.5 J	ND(1)	ND(5)	
	09/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(20)	
	12/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	0.7 J	1	ND(5)	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	0.7 J	1	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	0.7 J	1	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	12	ND(1)	ND(1)	0.6 J	ND(5)	
	05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	0.6 J	ND(5)	
	08/24/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	25	0.3 J	0.7 J	2	ND(25)	
	11/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	ND(1)	0.4 J	0.4 J	ND(25)	
02/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	9	ND(1)	0.3 J	0.3 J	ND(25)		
MW-181C(259.5)	03/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	17	ND(1)	0.6 J	0.9 J	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	0.5 J	ND(1)	ND(5)	
	09/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	0.5 J	ND(1)	ND(20)	
	12/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	19	ND(1)	0.7 J	1	ND(5)	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	0.7 J	1	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	19	ND(1)	0.7 J	1	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	0.6 J	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	0.6 J	ND(5)	
	08/24/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	25	0.3 J	0.8 J	2	ND(25)	
	11/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	7	ND(1)	0.4 J	0.3 J	ND(25)	
	02/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	11	ND(1)	0.4 J	0.4 J	ND(25)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-181C(284.5)	03/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	12	ND(1)	0.5 J	0.6 J	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	0.5 J	ND(1)	ND(5)	
	09/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	0.6 J	0.5 J	ND(20)	
	12/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	17	ND(1)	0.6 J	1	ND(5)	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	0.7 J	1	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	0.7 J	1	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	0.6 J	ND(5)	
	08/24/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	22	0.2 J	0.7 J	2	ND(25)	
11/20/2018	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	10	ND(1)	0.5 J	0.4 J	ND(25)		
02/27/2019	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	11	ND(1)	0.4 J	0.5 J	ND(25)		
MW-181C(291)	03/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	21	ND(1)	0.7 J	1	ND(5)	
	06/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	0.6 J	0.6 J	ND(5)	
	09/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(20)	
	12/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	0.7 J	1	ND(5)	
	03/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	ND(1)	0.6 J	1	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	5	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	0.7 J	1	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	0.5 J	0.6 J	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	11	ND(1)	ND(1)	0.6 J	ND(5)	
	05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	0.5 J	0.6 J	ND(5)	
	08/24/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	13	ND(1)	0.5 J	0.8 J	ND(25)	
11/20/2018	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	11	ND(1)	0.5 J	0.5 J	ND(25)		
02/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	9	ND(1)	0.3 J	0.3 J	ND(25)		
10/17/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	15	ND(1)	0.3 J	ND(1)	ND(25)		
MW-181C(HS-S)	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	
	02/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	0.7 J	1	ND(5)	
	04/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	13	ND(1)	ND(1)	0.5 J	ND(5)	
	05/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	0.6 J	1	ND(5)	
	07/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	



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Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-181C(HS-S)	10/28/2016	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	8	ND(1)	ND(1)	ND(1)	ND(5)	
	11/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	01/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	15	ND(1)	0.6 J	0.8 J	ND(5)	
	02/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	21	ND(1)	0.7 J	1	ND(5)	
	04/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	0.7 J	1	ND(5)	
	05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)	
	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	11/17/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)	
	01/31/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	03/08/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	22	ND(1)	0.7 J	1	ND(5)	
	06/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	0.5 J	ND(5)	
	07/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	
	09/17/2018	0.3 J	ND(1)	0.4 J	1 J	2 J	9	ND(1)	0.4 J	0.4 J	ND(25)	
	10/09/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	9	ND(1)	0.5 J	0.5 J	ND(25)	
	12/27/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	10	ND(1)	0.4 J	0.5 J	ND(25)	
01/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	8	ND(1)	0.3 J	0.3 J	ND(25)		
03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	11	ND(1)	0.3 J	0.4 J	ND(25)		
07/30/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	13	ND(1)	0.4 J	ND(1)	ND(25)		
MW-181C(HS-D)	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	ND(1)	ND(1)	ND(5)	
	02/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	13	ND(1)	0.6 J	0.7 J	ND(5)	
	04/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	20	ND(1)	0.6 J	1 J	ND(5)	
	05/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	18	ND(1)	0.6 J	0.9 J	ND(5)	
	07/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	
	10/28/2016	0.6 J	ND(1)	ND(1)	ND(1)	0.6 J	8	ND(1)	ND(1)	ND(1)	ND(5)	
	11/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	ND(1)	ND(5)	
	01/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	22	ND(1)	0.8 J	1	ND(5)	
	02/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	21	ND(1)	0.7 J	1	ND(5)	
	04/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	ND(1)	0.6 J	0.8 J	ND(5)	
05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)		

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Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-181C(HS-D)	07/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	0.5 J	ND(5)	
	08/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	ND(1)	ND(1)	ND(5)	
	10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	ND(1)	ND(1)	ND(5)	
	11/17/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	7	ND(1)	ND(1)	ND(1)	ND(5)	
	01/31/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	03/08/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	04/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	23	ND(1)	0.7 J	1	ND(5)	
	06/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	ND(1)	ND(5)	
	07/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	ND(1)	ND(1)	ND(5)	
	09/17/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	9	ND(1)	0.4 J	0.5 J	ND(25)	
	10/09/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	9	ND(1)	0.5 J	0.6 J	ND(25)	
	12/27/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	10	ND(1)	0.4 J	0.4 J	ND(25)	
	01/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	8	ND(1)	0.3 J	0.4 J	ND(25)	
03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	11	ND(1)	0.3 J	0.3 J	ND(25)		
MW-182(200)	01/06/2020	0.4 J	ND(1)	ND(1)	ND(3)	0.4 J	98	0.7 J	2	5	20 J	
	04/16/2020	0.3 J	ND(1)	ND(1)	ND(3)	0.3 J	86	0.6 J	2	4	37	
	06/22/2020	0.26 J	ND(1.0)	ND(1.0)	ND(6.0)	0.26 J	65	ND(1.0)	1.8	3.1 J	67	
	07/17/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	3.6	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/02/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	4.1	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/25/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	38	0.46 J	1.7	1.1 J	26 J	
	04/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	48	0.66 J	2.2	ND(5.0)	35 J	
	09/21/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.9	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
MW-182(300)	11/05/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
MW-182(HS-S)	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

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MW-182(HS-S)	11/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/17/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/22/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/23/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	05/14/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(5)	
	07/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	08/17/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	09/05/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	10/05/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
11/13/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	13	ND(1)	ND(1)	0.5 J	ND(25)		
12/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	210	0.9 J	3	9	20 J		
01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	170	1	2	8	14 J		
02/13/2019	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	170	0.9 J	3	9	50		
03/18/2019	0.4 J	ND(1)	ND(1)	ND(5)	0.4 J	210	0.9 J	3	9	34		
MW-182(HS-D)	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/30/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/29/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-182(HS-D)	05/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/31/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/17/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/18/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/22/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/23/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	05/14/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)	
	07/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	08/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
09/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)		
10/05/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(25)		
11/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	13	ND(1)	ND(1)	0.5 J	ND(25)		
12/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	220	0.9 J	3	10	20 J		
01/08/2019	ND(1)	ND(1)	ND(1)	ND(1)	BRL	180	1	2	8	15 J		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-182(HS-D)	02/13/2019	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	170	0.9 J	3	9	43	
	03/18/2019	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	210	1 J	3	10	34	
MW-184	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	1	ND(1)	7	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	0.7 J	ND(1)	2 J	
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	0.8 J	ND(1)	ND(5)	
	04/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	0.8 J	ND(1)	ND(5)	
	05/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	1	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	1	ND(1)	ND(5)	
	07/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	0.9 J	ND(1)	ND(5)	
	08/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	1	ND(1)	ND(5)	
	09/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	11	0.6 J	2	ND(1)	32	
	10/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	0.8 J	ND(1)	ND(5)	
	11/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	0.8 J	ND(1)	ND(5)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	0.9 J	ND(1)	ND(5)	
	01/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	0.7 J	ND(1)	ND(5)	
	02/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	0.8 J	ND(1)	ND(5)	
	03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	ND(1)	1 J	ND(1)	ND(5)	
	04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	ND(1)	1	ND(1)	ND(5)	
	05/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	16	0.5 J	2	ND(1)	ND(5)	
	06/23/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	28	0.8 J	2	0.7 J	130	
	07/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	38	0.7 J	2	1 J	ND(5)	
	08/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	40	0.9 J	2	1 J	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	32	0.6 J	2	0.6 J	ND(20)	
	10/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	33	0.7 J	2	0.6 J	ND(5)	
	11/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	85	0.9 J	3	2	ND(5)	
12/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	59	0.9 J	3	1	ND(5)		
01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	58	1	3	1	ND(5)		
02/20/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	46	0.7 J	2	1	ND(5)		
03/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	43	0.8 J	2	0.9 J	9		
04/04/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	0.8 J	1 J	390		
05/18/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	1	ND(1)	ND(5)		
06/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	11	1	5	ND(1)	7		
07/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	0.9 J	2	ND(1)	5 J		

Table 3

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**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-184	08/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	5	1	5	ND(1)	78	
	09/18/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	17	0.5 J	4	0.6 J	ND(25)	
	10/16/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	11/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	0.2 J	ND(1)	ND(25)	
	12/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	0.6 J	3	ND(1)	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	42	0.4 J	1	ND(1)	ND(25)	
	02/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	8	0.3 J	1	ND(1)	ND(25)	
	03/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	5	ND(1)	0.7 J	ND(1)	ND(25)	
	04/12/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	4	0.3 J	2	ND(1)	ND(25)	
	07/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	35	0.4 J	2	0.7 J	ND(25)	
	10/14/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	0.3 J	1	ND(1)	ND(25)	
	11/04/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.8 J	0.5 J	1	ND(1)	ND(25)	
	02/18/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	0.5 J	2	ND(1)	ND(25)	
	04/16/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	24	0.3 J	1	0.4 J	ND(25)	
	10/15/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.78 J	ND(1.0)	0.29 J	ND(5.0)	ND(50)	
	01/20/2021	1.4	0.43 J	ND(1.0)	ND(6.0)	1.8 J	13	1.7	4.3	ND(5.0)	140	
04/08/2021	1.9	0.41 J	ND(1.0)	ND(6.0)	2.3 J	17	2.1	5.6	ND(5.0)	170		
09/21/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.1	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-185	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	24	ND(1)	0.9 J	0.9 J	2 J	
	02/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	22	ND(1)	ND(1)	0.6 J	ND(5)	
	03/09/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
02/09/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(5)		
03/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-185	04/10/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/23/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	7	
	07/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(20)	
	10/12/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	11/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	1	6	ND(1)	6	
	12/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	2	6	ND(1)	5	
	01/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	1	5	ND(1)	ND(5)	
	02/20/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	4	0.9 J	4	ND(1)	ND(5)	
	03/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	0.6 J	2	ND(1)	ND(5)	
	04/04/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1	0.7 J	2	ND(1)	ND(5)	
	05/16/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	9	0.9 J	4	ND(1)	ND(5)	
	06/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	11	1	6	ND(1)	ND(5)	
	07/11/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	0.9 J	3	ND(1)	ND(5)	
	08/14/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	1	0.3 J	0.6 J	ND(1)	ND(25)	
	09/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/17/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	4	0.9 J	2	ND(1)	ND(25)	
	11/19/2018	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	6	0.7 J	2	ND(1)	ND(25)	
	12/20/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	0.3 J	0.8 J	ND(1)	ND(25)	
	02/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	2	0.4 J	1	ND(1)	ND(25)	
	03/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	12	1	5	0.5 J	36	
	06/12/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/22/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	0.3 J	1 J	ND(1)	ND(25)	
	07/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	3	ND(1)	ND(1)	0.4 J	ND(25)	
	08/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/15/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.6 J	ND(1)	0.2 J	ND(1)	ND(25)	
	10/23/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/04/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/18/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/06/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	

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Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-185	12/20/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/08/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	1	ND(1)	0.4 J	ND(1)	ND(25)	
	02/14/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/11/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/16/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/22/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/23/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/24/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/27/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/02/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/20/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
07/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-188D(141.5)	12/31/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/31/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/13/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
MW-188D(201)	12/31/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/31/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/13/2019	0.2 J	ND(1)	ND(1)	ND(3)	0.2 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/21/2020	0.2 J	ND(1)	ND(1)	ND(3)	0.2 J	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)		
MW-188D(212.5)	12/31/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.2 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/31/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	



Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-188D(212.5)	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/13/2019	0.2 J	ND(1)	ND(1)	ND(3)	0.2 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/21/2020	0.2 J	ND(1)	ND(1)	ND(3)	0.2 J	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
MW-188D(221)	12/31/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1	ND(1)	ND(1)	ND(1)	ND(25)	
	01/31/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.8 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/13/2019	0.2 J	ND(1)	ND(1)	ND(3)	0.2 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)		
MW-188D(228.5)	12/31/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	1	ND(1)	ND(1)	ND(1)	ND(25)	
	01/31/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/13/2019	0.2 J	ND(1)	ND(1)	ND(3)	0.2 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)		
MW-188D(239)	12/31/2018	0.3 J	ND(1)	ND(1)	ND(5)	0.3 J	1	ND(1)	ND(1)	ND(1)	ND(25)	
	01/31/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/13/2019	0.2 J	ND(1)	ND(1)	ND(3)	0.2 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/21/2020	0.2 J	ND(1)	ND(1)	ND(3)	0.2 J	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)		
MW-188D(279.5)	12/31/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/31/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-188D(279.5)	06/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/13/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
MW-188D(280.5)	06/23/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.40 J	0.69 J	ND(1.0)	ND(5.0)	ND(50)	
	09/09/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.38 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/03/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.25 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/25/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.24 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/14/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.31 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
09/21/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.0	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
MW-188D(306.5)	12/31/2018	0.2 J	ND(1)	ND(1)	ND(5)	0.2 J	0.9 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/31/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/13/2019	0.2 J	ND(1)	ND(1)	ND(3)	0.2 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
MW-188D(344)	12/31/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/31/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/13/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
MW-188D(387)	12/31/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/31/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
12/13/2019	0.2 J	ND(1)	ND(1)	ND(3)	0.2 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		

Table 3

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-188D(387)	02/21/2020	0.2 J	ND(1)	ND(1)	ND(3)	0.2 J	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
MW-188D(396)	12/31/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.4 J	ND(1)	ND(1)	ND(1)	ND(25)	
	01/31/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	03/14/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/19/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.7 J	ND(1)	ND(1)	ND(1)	ND(25)	
	09/27/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(25)	
	12/13/2019	0.2 J	ND(1)	ND(1)	ND(3)	0.2 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/21/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)	
MW-188D(AP)	01/29/2016	ND(1)	1	ND(1)	1	2	20	ND(1)	ND(1)	1	8	
	02/26/2016	ND(1)	2	ND(1)	ND(1)	2	5	ND(1)	ND(1)	ND(1)	4 J	
	03/22/2016	ND(1)	1	ND(1)	0.6 J	2 J	18	ND(1)	ND(1)	1	8	
	04/29/2016	ND(1)	1	ND(1)	0.6 J	2 J	21	ND(1)	ND(1)	1	9	
	05/26/2016	ND(1)	1	ND(1)	1	2	22	ND(1)	ND(1)	2	7	
	06/27/2016	ND(1)	1	ND(1)	0.6 J	2 J	22	ND(1)	ND(1)	2	8	
	07/25/2016	ND(1)	1	ND(1)	1	2	22	ND(1)	ND(1)	1	8	
	08/23/2016	ND(1)	2	ND(1)	1	3	23	ND(1)	ND(1)	1	8	
	09/30/2016	ND(1)	2	ND(1)	2	4	23	ND(1)	ND(1)	2	8 J	
	10/27/2016	ND(1)	1	ND(1)	0.6 J	2 J	21	ND(1)	ND(1)	1	9	
	11/21/2016	ND(1)	1	ND(1)	1	2	22	ND(1)	ND(1)	1	8	
	12/28/2016	ND(1)	1	ND(1)	ND(1)	1	5	ND(1)	ND(1)	ND(1)	6	
	01/13/2017	0.7 J	1	ND(1)	1	3 J	19	ND(1)	ND(1)	1	8	
	02/17/2017	1	1	ND(1)	0.6 J	3 J	23	ND(1)	ND(1)	2	8	
	03/31/2017	1	1	ND(1)	1	3	19	ND(1)	ND(1)	1	17	
	04/28/2017	1	1	ND(1)	ND(1)	2	18	ND(1)	ND(1)	1	6	
	05/31/2017	2	1	ND(1)	0.5 J	4 J	19	ND(1)	ND(1)	1	6	
	06/30/2017	2	1	ND(1)	ND(1)	3	22	ND(1)	ND(1)	1	8	
	07/28/2017	2	1	ND(1)	0.5 J	4 J	21	ND(1)	ND(1)	1	8	
	08/31/2017	3	1	ND(1)	1	5	24	ND(1)	ND(1)	1	7	
10/02/2017	ND(1)	0.7 J	ND(1)	ND(1)	0.7 J	4	ND(1)	ND(1)	ND(1)	ND(20)		
10/13/2017	3	1 J	ND(1)	ND(1)	4 J	20	ND(1)	ND(1)	1	9		
12/18/2017	1	0.7 J	ND(1)	ND(1)	2 J	12	ND(1)	ND(1)	0.7 J	7		
01/31/2018	2	0.8 J	ND(1)	ND(1)	ND(1)	3 J	18	ND(1)	ND(1)	1	8	

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Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-188D(AP)	02/23/2018	2	0.7 J	ND(1)	ND(1)	3 J	19	ND(1)	ND(1)	1	8	
	03/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/04/2018	2	0.9 J	ND(1)	ND(1)	3 J	18	ND(1)	ND(1)	1	8	
	05/09/2018	3	1 J	ND(1)	1	5 J	20	ND(1)	ND(1)	2	7	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	06/11/2018	2	1 J	ND(1)	ND(1)	3 J	19	ND(1)	ND(1)	1	7	
	07/11/2018	ND(1)	1 J	ND(1)	ND(1)	1 J	5	ND(1)	ND(1)	ND(1)	5	
	08/03/2018	2	0.9 J	ND(1)	ND(1)	3 J	14	ND(1)	ND(1)	0.8 J	7 J	
	09/14/2018	2	1	ND(1)	1 J	4 J	22	ND(1)	0.3 J	1	14 J	
	10/19/2018	2	1 J	ND(1)	1 J	4 J	18	ND(1)	0.3 J	1	ND(25)	
11/08/2018	2	0.8 J	ND(1)	ND(5)	3 J	17	ND(1)	0.2 J	1	18 J		
MW-188D(BP)	01/29/2016	ND(1)	1	ND(1)	1	2	20	ND(1)	ND(1)	1	8	
	02/26/2016	ND(1)	1	ND(1)	1	2	22	ND(1)	ND(1)	1	7	
	03/22/2016	ND(1)	1	ND(1)	ND(1)	1	5	ND(1)	ND(1)	ND(1)	6	
	04/29/2016	ND(1)	2	ND(1)	ND(1)	2	5	ND(1)	ND(1)	ND(1)	6	
	05/26/2016	ND(1)	2	ND(1)	ND(1)	2	5	ND(1)	ND(1)	ND(1)	5 J	
	06/27/2016	ND(1)	2	ND(1)	ND(1)	2	5	ND(1)	ND(1)	ND(1)	5	
	07/25/2016	ND(1)	1	ND(1)	ND(1)	1	5	ND(1)	ND(1)	ND(1)	4 J	
	08/23/2016	ND(1)	1	ND(1)	1	2	23	ND(1)	ND(1)	1	8	
	09/30/2016	ND(1)	2	ND(1)	2	4	23	ND(1)	ND(1)	2	8 J	
	10/27/2016	ND(1)	1	ND(1)	0.6 J	2 J	21	ND(1)	ND(1)	1	8	
	11/21/2016	ND(1)	1	ND(1)	1	2	20	ND(1)	ND(1)	1	8	
	12/28/2016	0.6 J	1	ND(1)	1	3 J	19	ND(1)	ND(1)	1	9	
	01/13/2017	0.7 J	1	ND(1)	0.7 J	2 J	19	ND(1)	ND(1)	1	8	
	02/17/2017	1 J	1	ND(1)	0.6 J	3 J	23	ND(1)	ND(1)	1	8	
	03/31/2017	1	1	ND(1)	1	3	19	ND(1)	ND(1)	1	9	
	04/28/2017	1	1	ND(1)	0.5 J	3 J	20	ND(1)	ND(1)	1	8	
	05/31/2017	2	1	ND(1)	ND(1)	3	19	ND(1)	ND(1)	1	6	
	06/30/2017	2	1	ND(1)	ND(1)	3	21	ND(1)	ND(1)	1	7	
	07/28/2017	2	1	ND(1)	1	4	21	ND(1)	ND(1)	1	8	
	08/31/2017	2	1	ND(1)	0.6 J	4 J	22	ND(1)	ND(1)	1	6	
10/02/2017	3	0.9 J	ND(1)	ND(1)	4 J	19	ND(1)	ND(1)	1	8 J		
10/13/2017	2	0.9 J	ND(1)	ND(1)	3 J	19	ND(1)	ND(1)	1	8		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-188D(BP)	12/18/2017	ND(1)	0.7 J	ND(1)	ND(1)	0.7 J	4	ND(1)	ND(1)	ND(1)	4 J	
	01/31/2018	ND(1)	0.7 J	ND(1)	ND(1)	0.7 J	4	ND(1)	ND(1)	ND(1)	5	
	02/23/2018	ND(1)	1 J	ND(1)	ND(1)	1 J	5	ND(1)	ND(1)	ND(1)	6	
	03/09/2018	2	0.8 J	ND(1)	ND(1)	3 J	19	ND(1)	ND(1)	1	9	
	04/04/2018	2	0.8 J	ND(1)	ND(1)	3 J	17	ND(1)	ND(1)	1	8	
	05/09/2018	2	1	ND(1)	1	4	20	ND(1)	0.5 J	2	9	
	06/06/2018	2	0.9 J	ND(1)	ND(1)	3 J	19	ND(1)	ND(1)	ND(1)	7	
	06/11/2018	2	0.9 J	ND(1)	ND(1)	3 J	19	ND(1)	ND(1)	1	7	
	07/11/2018	2	0.8 J	ND(1)	ND(1)	3 J	20	ND(1)	ND(1)	1	8	
	08/03/2018	2	0.9 J	ND(1)	ND(1)	3 J	14	ND(1)	ND(1)	0.8 J	6 J	
	09/14/2018	2	1 J	ND(1)	ND(5)	3 J	20	ND(1)	0.3 J	1	13 J	
10/19/2018	2	0.9 J	ND(1)	ND(5)	3 J	18	ND(1)	0.3 J	1	ND(25)		
11/08/2018	2	0.8 J	ND(1)	ND(5)	3 J	18	ND(1)	0.2 J	1 J	18 J		
MW-188D(HS-D)	11/16/2017	2	0.8 J	ND(1)	ND(1)	3 J	19	ND(1)	ND(1)	1	8	
MW-188D(HS-S)	11/16/2017	ND(1)	0.6 J	ND(1)	ND(1)	0.6 J	5	ND(1)	ND(1)	ND(1)	4 J	
MW-189D(79)	03/23/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	8	ND(1)	ND(1)	0.9 J	12	
	04/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	05/04/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	1 J	ND(1)	ND(1)	ND(1)	ND(5)	
	05/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	2	ND(1)	ND(1)	ND(1)	ND(5)	
	06/28/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	07/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.6 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/31/2017	ND(1)	ND(1)	ND(1)	3	3	2	ND(1)	ND(1)	ND(1)	ND(5)	
	09/29/2017	ND(1)	ND(1)	0.9 J	7	8 J	2	ND(1)	ND(1)	ND(1)	ND(20)	
	10/31/2017	0.6 J	ND(1)	0.8 J	6	7 J	3	ND(1)	ND(1)	ND(1)	ND(20)	
	11/27/2017	ND(1)	ND(1)	0.7 J	5	6 J	4	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	2	2	0.9 J	ND(1)	ND(1)	ND(1)	ND(20)	
	01/03/2018	ND(1)	ND(1)	ND(1)	2	2	1 J	ND(1)	ND(1)	ND(1)	ND(5)	
	02/27/2018	ND(1)	ND(1)	ND(1)	0.7 J	0.7 J	0.9 J	ND(1)	ND(1)	ND(1)	ND(5)	
	03/12/2018	ND(1)	ND(1)	ND(1)	2	2	2	ND(1)	ND(1)	ND(1)	ND(5)	
04/17/2018	ND(1)	19	ND(1)	ND(1)	19	100	0.8 J	2	7	ND(5)		
05/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	10	ND(1)	ND(1)	0.6 J	ND(20)		
06/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	69	ND(1)	1	5	7		

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
MW-189D(79)	07/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	44	1 J	3	2	ND(20)	
	08/08/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	12	0.6 J	1	0.6 J	ND(25)	
	09/11/2018	ND(1)	ND(1)	ND(1)	0.6 J	0.6 J	12	1	3	0.5 J	ND(25)	
	10/05/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	13	2	4	0.7 J	15 J	
	11/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	6	2	4	ND(1)	ND(25)	
	12/19/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	4	0.5 J	1	ND(1)	ND(25)	
	01/11/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	25	3	8	0.6 J	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	34	2	7	0.8 J	ND(25)	
	03/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	21	1	4	0.6 J	ND(25)	
	06/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/23/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	12	0.2 J	0.6 J	0.7 J	ND(25)	
	10/08/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/24/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	4	0.4 J	0.9 J	ND(1)	ND(25)	
	04/09/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	8	0.6 J	1	ND(1)	ND(25)	
	06/25/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	13	0.43 J	0.97 J	ND(5.0)	ND(50)	
	08/17/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.95 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	11/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
01/28/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
04/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.21 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
09/22/2021	0.62 J	ND(1.0)	ND(1.0)	ND(1.0)	0.62 J	190	1.6	4.3	13	ND(50)		
PW-01	03/28/2016	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	
	06/08/2016	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	
	09/19/2016	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	
	12/19/2016	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	
	03/23/2017	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	
	05/17/2017	ND(0.5)	1.6	ND(0.5)	ND(0.5)	1.6	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	
	09/22/2017	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	
	12/26/2017	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(0.5)	0.3 J	ND(0.5)	5.2 J	
	02/08/2018	ND(0.10)	ND(0.10)	ND(0.30)	ND(0.10)	BRL	ND(0.20)	ND(0.10)	ND(0.060)	ND(0.10)	ND(0.50)	
	05/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/05/2018	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	
	08/17/2018	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	
12/14/2018	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)		

Table 3

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Inactive Exxon Facility #28077  
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Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
PW-01	01/15/2019	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	
	05/20/2019	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(0.5)	0.4 J	ND(0.5)	6.7 J	
	06/26/2019	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	
	08/06/2019	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	BRL	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	
	10/25/2019	86	54	0.2 J	ND(1.0)	140 J	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	9.8 J	
	11/07/2019	2.6	5.3	ND(0.5)	ND(1.0)	7.9	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	
	03/10/2020	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	BRL	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	
	04/07/2020	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	BRL	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(25)	
	12/17/2020	ND(0.50)	ND(0.50)	ND(0.50)	ND(1.0)	BRL	0.13 J	ND(0.50)	0.56	ND(0.50)	ND(25)	
	06/21/2021	ND(0.50)	ND(0.50)	ND(0.50)	ND(1.0)	BRL	0.13 J	ND(0.50)	0.15 J	ND(0.50)	ND(25)	
09/30/2021	ND(0.50)	ND(0.50)	ND(0.50)	ND(1.0)	BRL	0.13 J	ND(0.50)	0.16 J	ND(0.50)	ND(25)		
PW-3501	03/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/21/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
PW-3501(56-57.5)	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
PW-3501(69-70.5)	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

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Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
PW-3501(69-70.5)	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
PW-3501(88.5)	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
PW-3501(131)	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
PW-3501(147-148.5)	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	



Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
PW-3501(147-148.5)	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	6	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
PW-3501(153)	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
PW-3501(220)	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
PW-3501(220)	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
PW-3501(290)	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
PW-3501(300)	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
PW-3501(333)	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
PW-3501(333)	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	10	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
PW-3501(361)	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
PW-3501(391.5)	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
PW-3501(391.5)	08/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
PW-3501(413)	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/03/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	10/02/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/26/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
02/13/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)		
PW-3501(HS-S)	01/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/18/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
04/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
05/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
PW-3501(HS-S)	06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/22/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/05/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/05/2018	ND(1)	0.3 J	ND(1)	ND(5)	0.3 J	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
03/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)		
PW-3501(HS-D)	01/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/18/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/31/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/26/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/25/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	12/27/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/21/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
05/24/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		
06/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
PW-3501(HS-D)	07/26/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/11/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	10/25/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	11/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/22/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/07/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	04/13/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	07/10/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/05/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/05/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	12/26/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	01/08/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
03/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	0.3 J	ND(1)	ND(1)	ND(1)	ND(25)		
SVE-2	01/07/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	6	ND(1)	ND(1)	0.6 J	8	
	02/26/2016	ND(1)	ND(1)	ND(1)	0.9 J	0.9 J	2	ND(1)	ND(1)	ND(1)	2 J	
	03/14/2016	ND(1)	ND(1)	0.7 J	5	6 J	4	ND(1)	ND(1)	0.6 J	2 J	
	06/13/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	3	ND(1)	ND(1)	ND(1)	ND(5)	
	09/28/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/08/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	01/30/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/23/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2017	2	8	ND(1)	5	15	56	2	3	4	6 J	
	12/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/28/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/17/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	0.5 J	ND(1)	ND(1)	ND(1)	ND(5)	
	08/24/2018	0.4 J	0.4 J	0.2 J	ND(5)	1.0 J	61	0.8 J	2	4	18 J	
	12/27/2018	0.4 J	0.9 J	ND(1)	12	13 J	13	ND(1)	ND(1)	0.5 J	ND(25)	
02/01/2019	ND(1)	3	7	120	130	25	0.6 J	0.3 J	4	ND(25)		
09/05/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	4	ND(1)	ND(1)	ND(1)	ND(25)		
10/15/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	3	ND(1)	ND(1)	ND(1)	ND(25)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
SVE-2	11/06/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	4	ND(1)	ND(1)	ND(1)	ND(25)	
	03/02/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/07/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/19/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.7	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	09/18/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.71 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	10/20/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.20 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/19/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	1.1	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/16/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	0.99 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
07/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.42 J	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
STREAM01	03/16/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/19/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/27/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/14/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/22/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	02/06/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	05/14/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/22/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	11/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/21/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	05/10/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/26/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/20/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/10/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	09/11/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
11/30/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
01/28/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
03/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		
04/08/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)		

Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

**January 6, 2016 through September 23, 2021**

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
STREAM01	08/30/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
STREAM02	03/17/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	06/24/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/21/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/20/2016	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	03/20/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/15/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	09/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	12/29/2017	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	02/15/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	05/09/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	
	08/02/2018	ND(1)	ND(1)	ND(1)	ND(1)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	
	11/14/2018	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/28/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	06/18/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	07/16/2019	ND(1)	ND(1)	ND(1)	ND(5)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	10/09/2019	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	02/24/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	04/10/2020	ND(1)	ND(1)	ND(1)	ND(3)	BRL	ND(1)	ND(1)	ND(1)	ND(1)	ND(25)	
	08/17/2020	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	01/28/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	03/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	04/15/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	
	07/29/2021	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(50)	

**Notes:**

[R] - Indicates the well was used for remediation at the time of reporting.

µg/L - micrograms per liter

AP - above packer

BP - below packer

BRL - Below laboratory reporting limits

BTEX - Benzene, toluene, ethylbenzene, and total xylenes

DIPE - di-isopropyl ether



Table 3

**Summary of Groundwater Analytical Results  
Inactive Exxon Facility #28077  
14528 Jarrettsville Pike  
Phoenix, Maryland**

January 6, 2016 through September 23, 2021

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Comments
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E - Value exceeds calibration range

ETBE - ethyl tert butyl ether

HS - Composite HydraSleeve

HS-D - deep composite HydraSleeve sampler; set at bottom of open borehole

HS-S - shallow composite HydraSleeve sampler; set at ½ of open borehole

J - Indicates an estimated value

MTBE - methyl tertiary butyl ether

NA - Not analyzed

ND(5.0) - Not detected at or above the laboratory reporting limit, laboratory reporting limit included.

NS - Not sampled

PW - Inactive supply well being used as a monitoring/sampling location

TAME - tert-amyl methyl ether

TBA - tert butyl alcohol



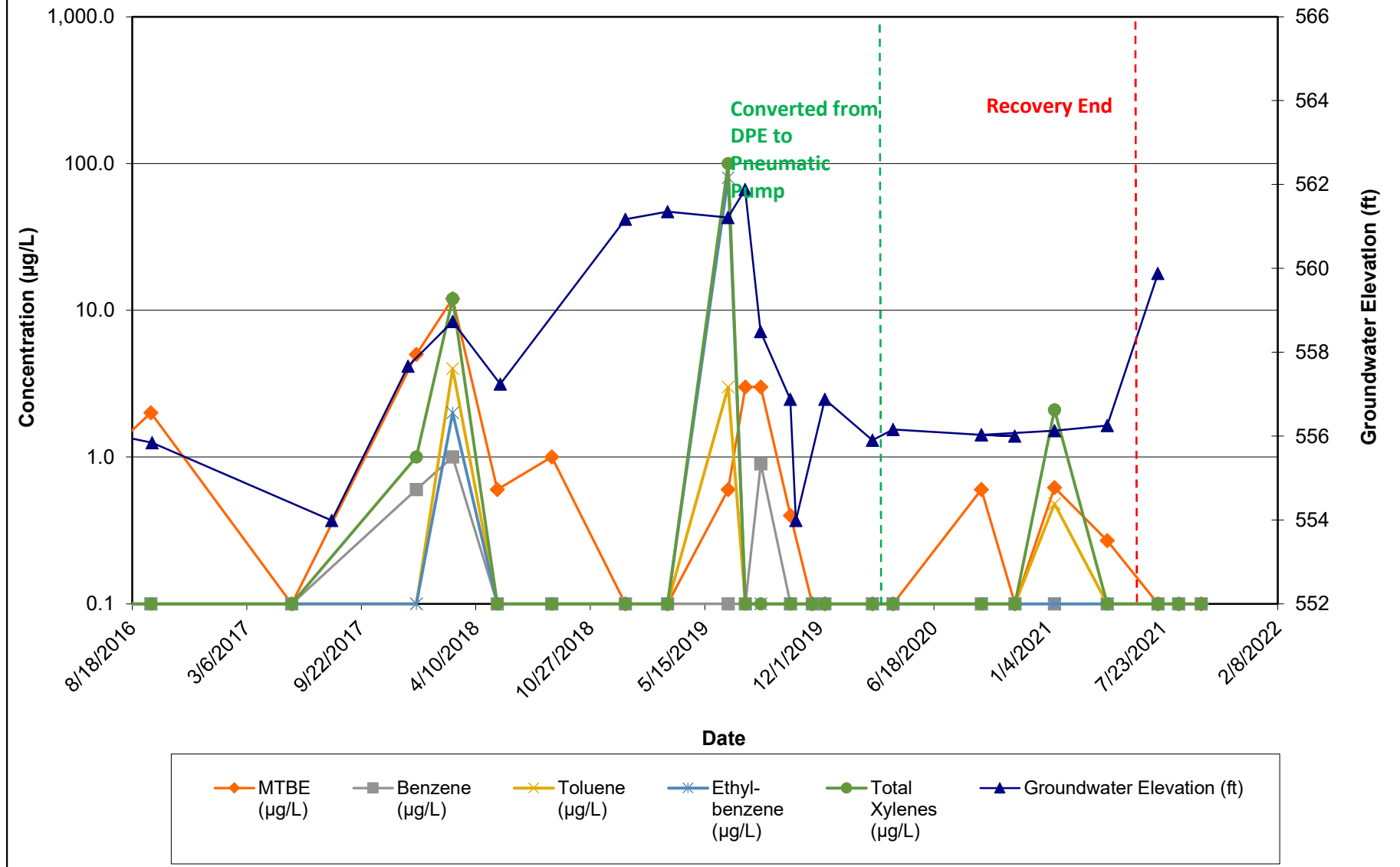
## **ATTACHMENTS**

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## **ATTACHMENT 1a - Recovery Well Conversion Trend Charts**

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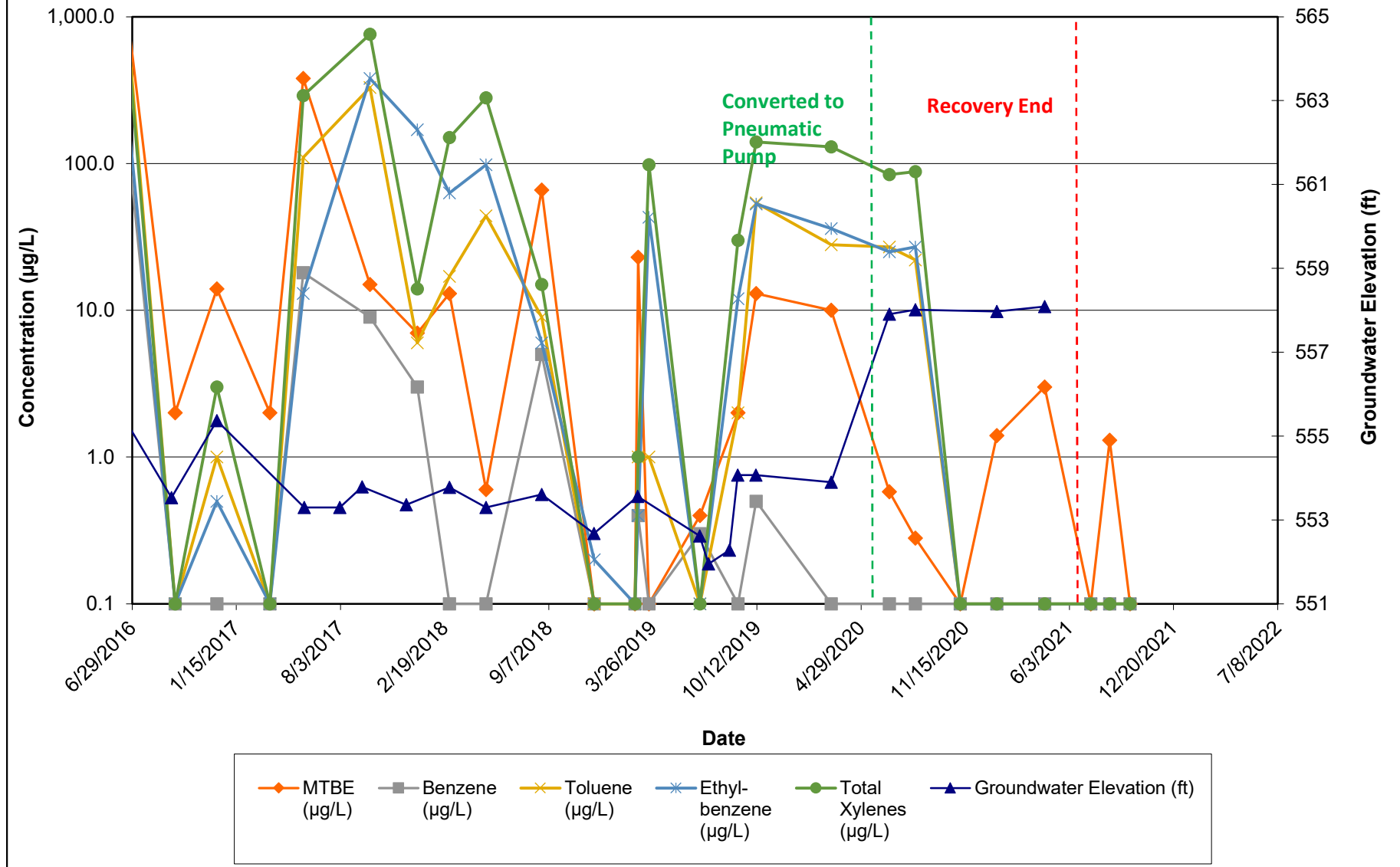
**MW-16 (Converted RW)**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.

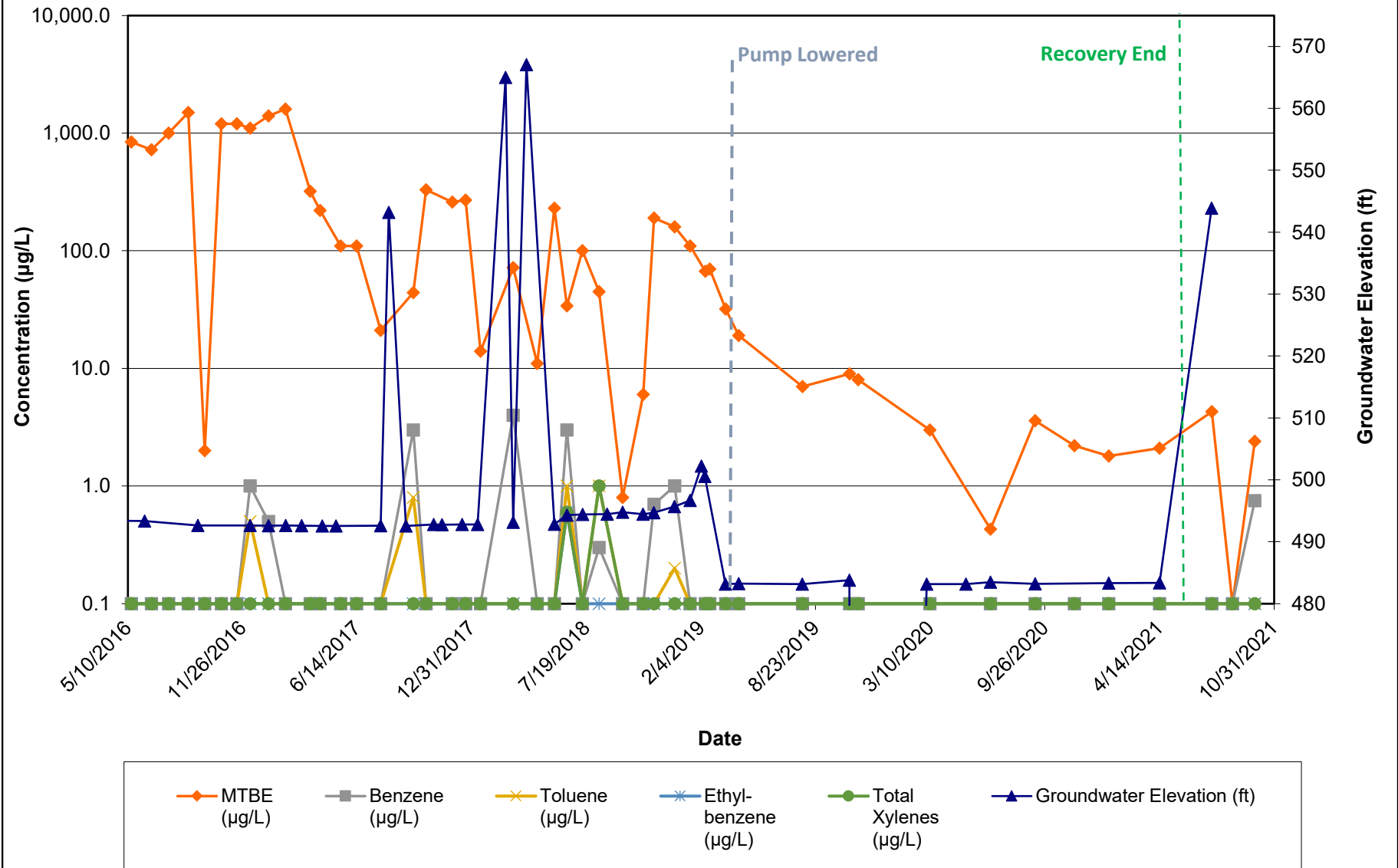
**MW-27 (Converted RW)**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



**Note:**

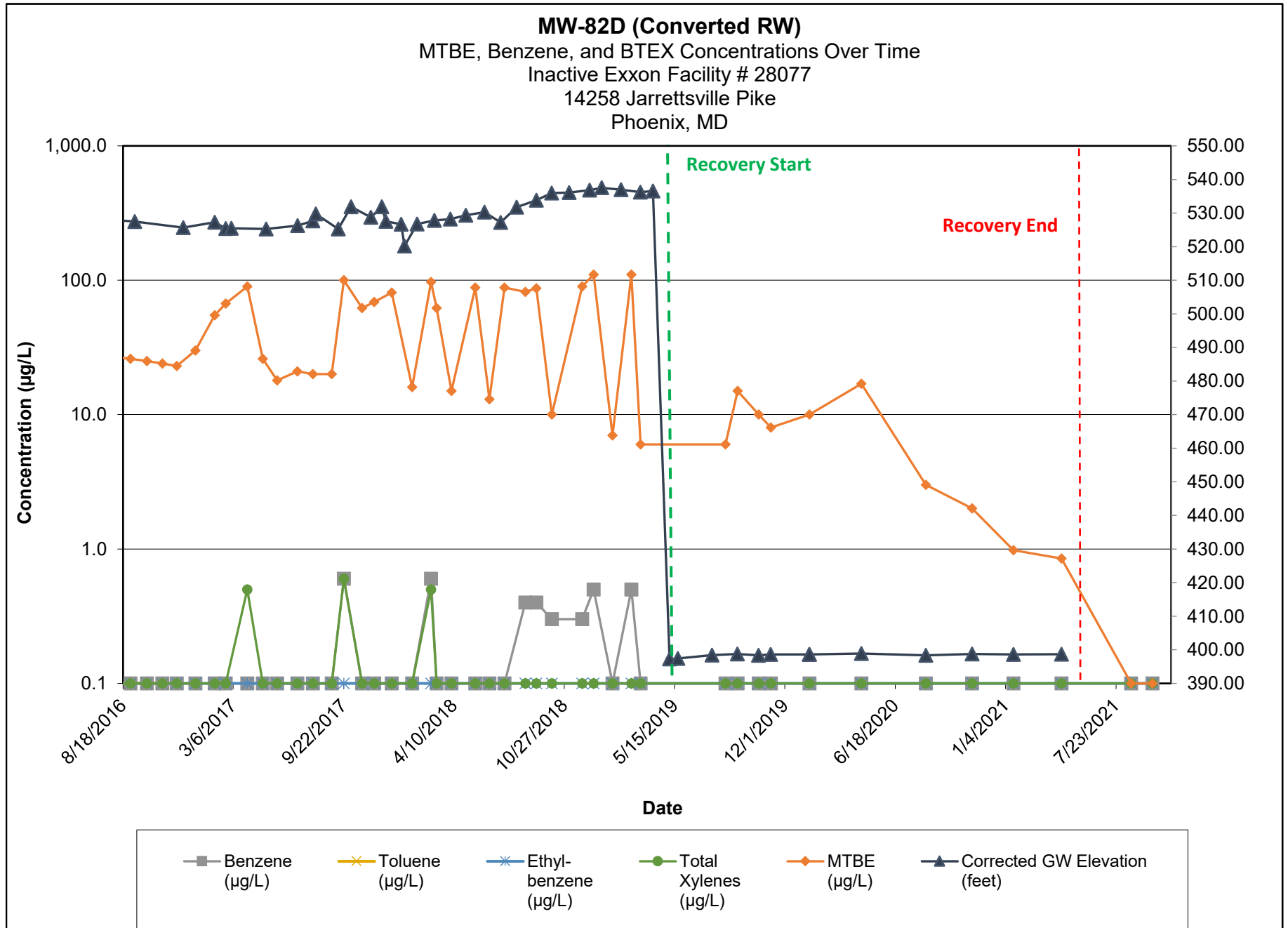
- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.

**MW-54B (Converted RW)**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



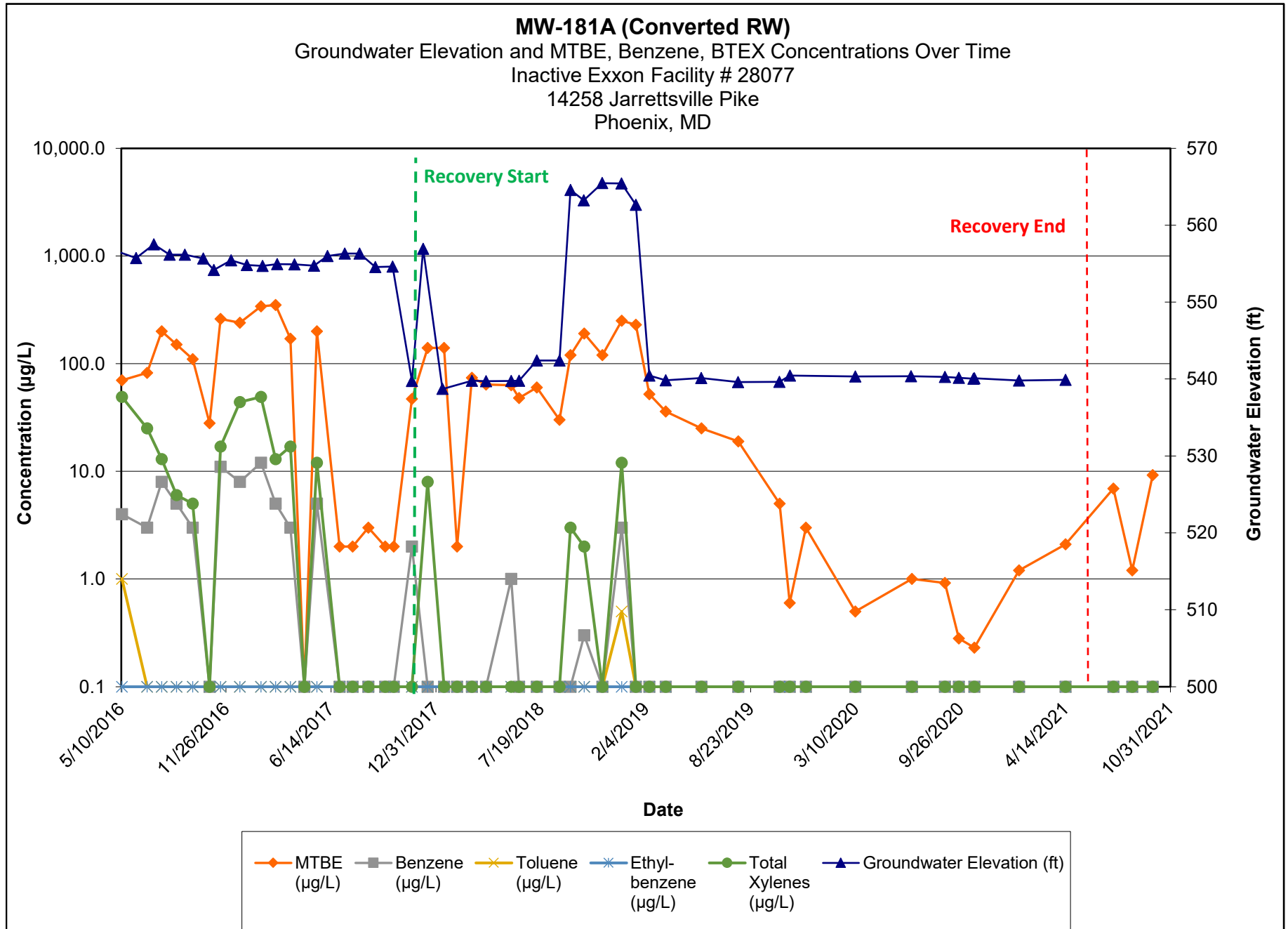
Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.



Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.

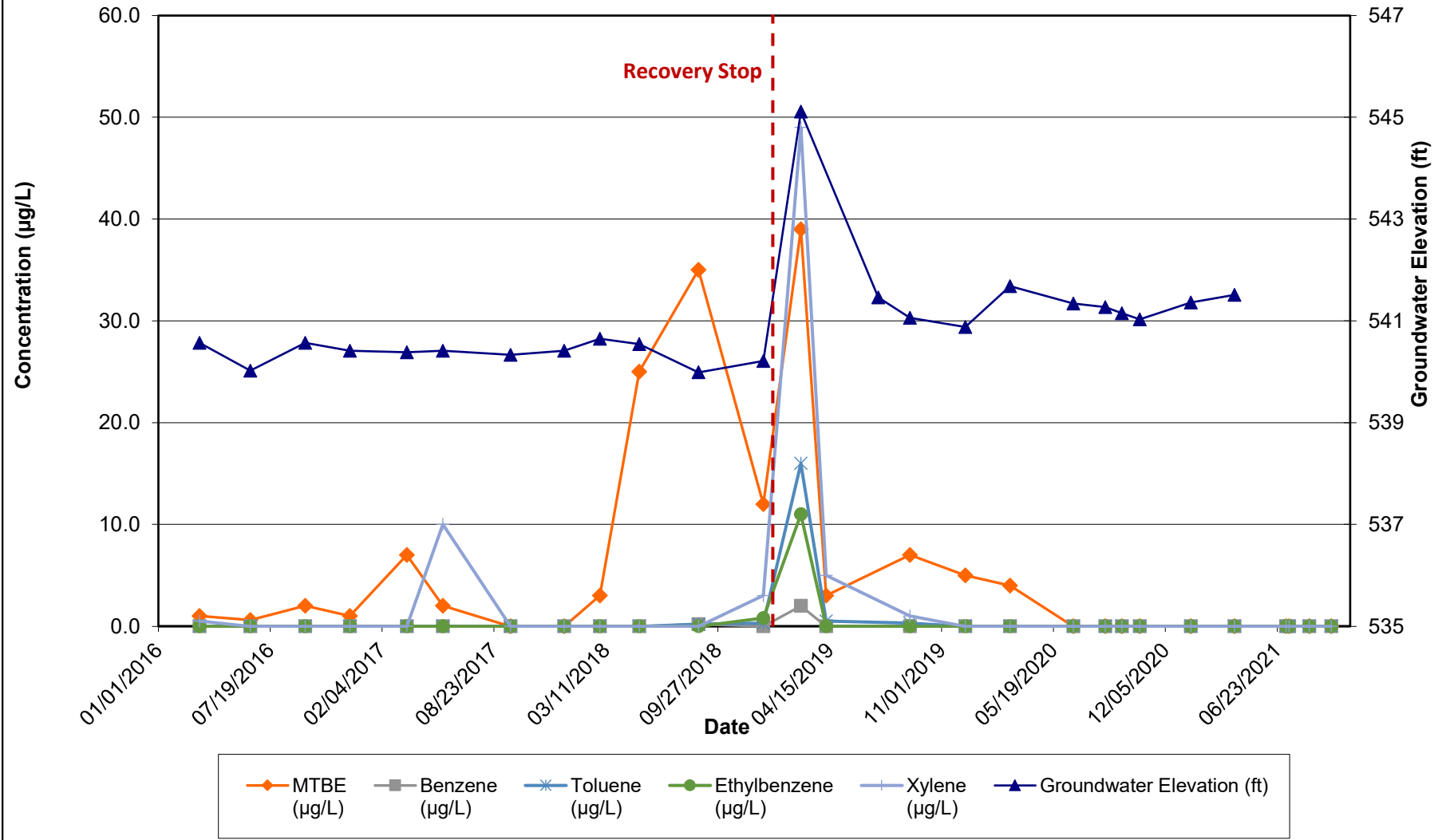


Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) HS = Deep composite HydraSleeve sampler set at bottom of open borehole.

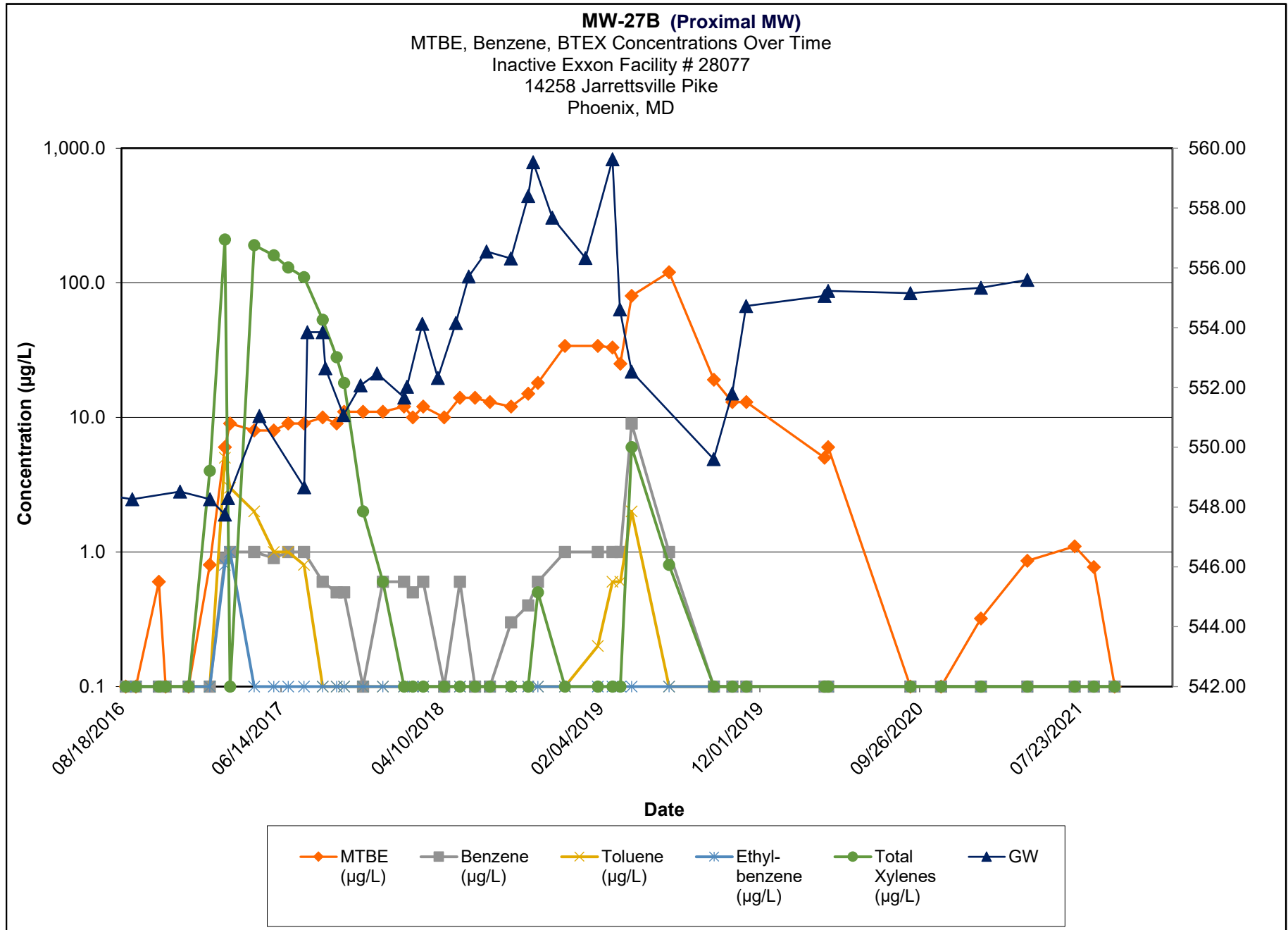


**MW-7 (Proximal MW)**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



Note:

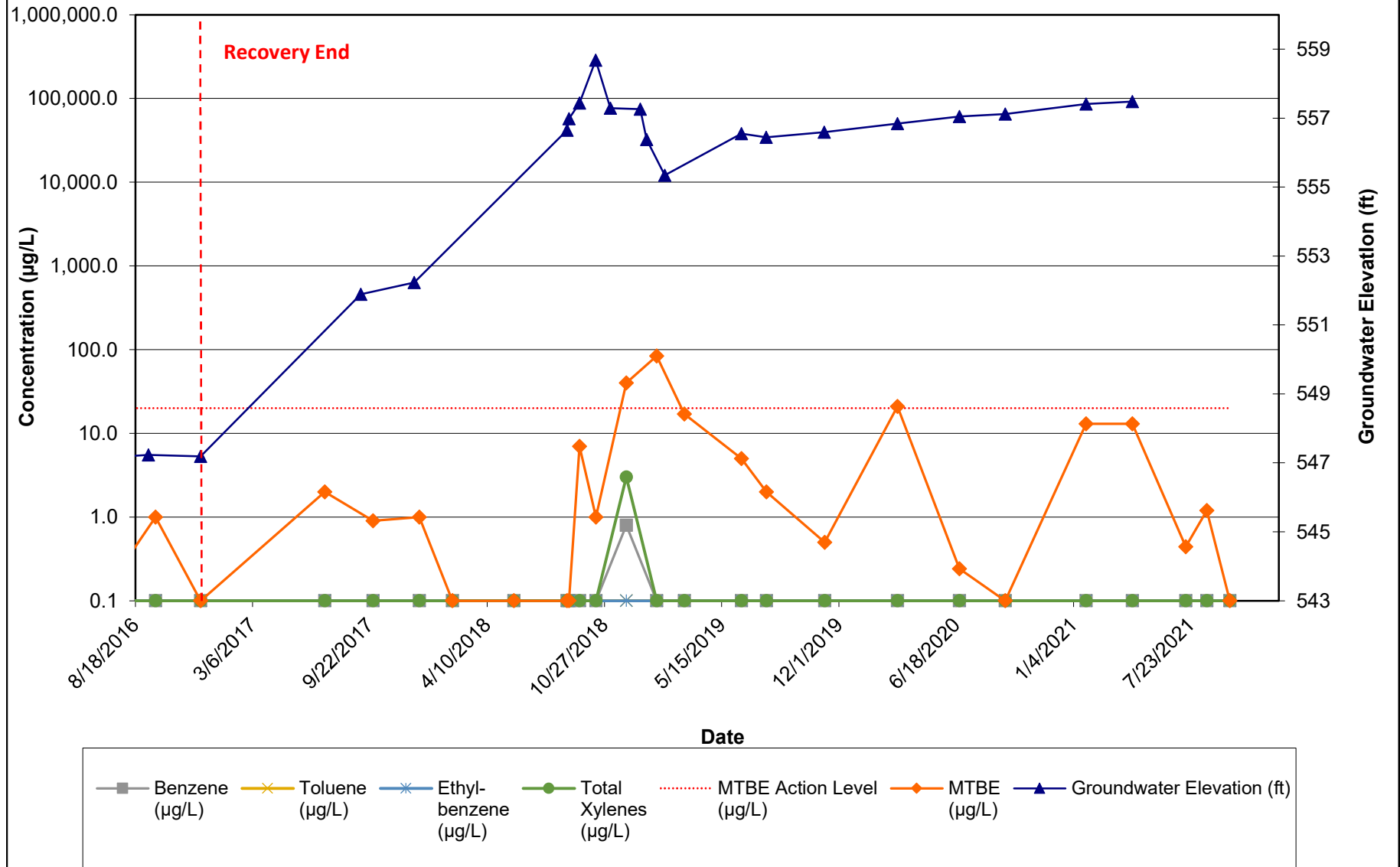
- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.



**Note:**

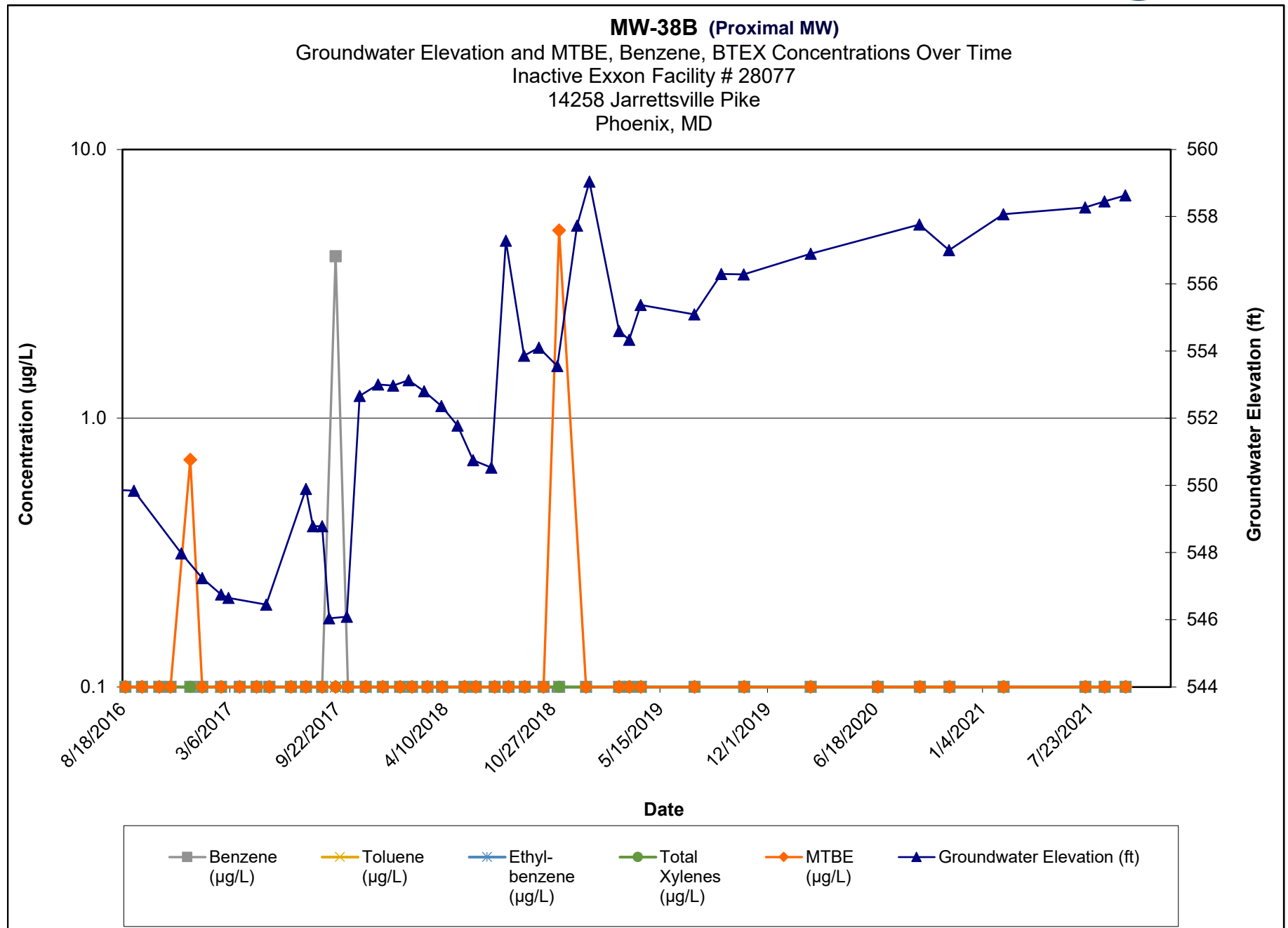
- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.

**MW-32**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



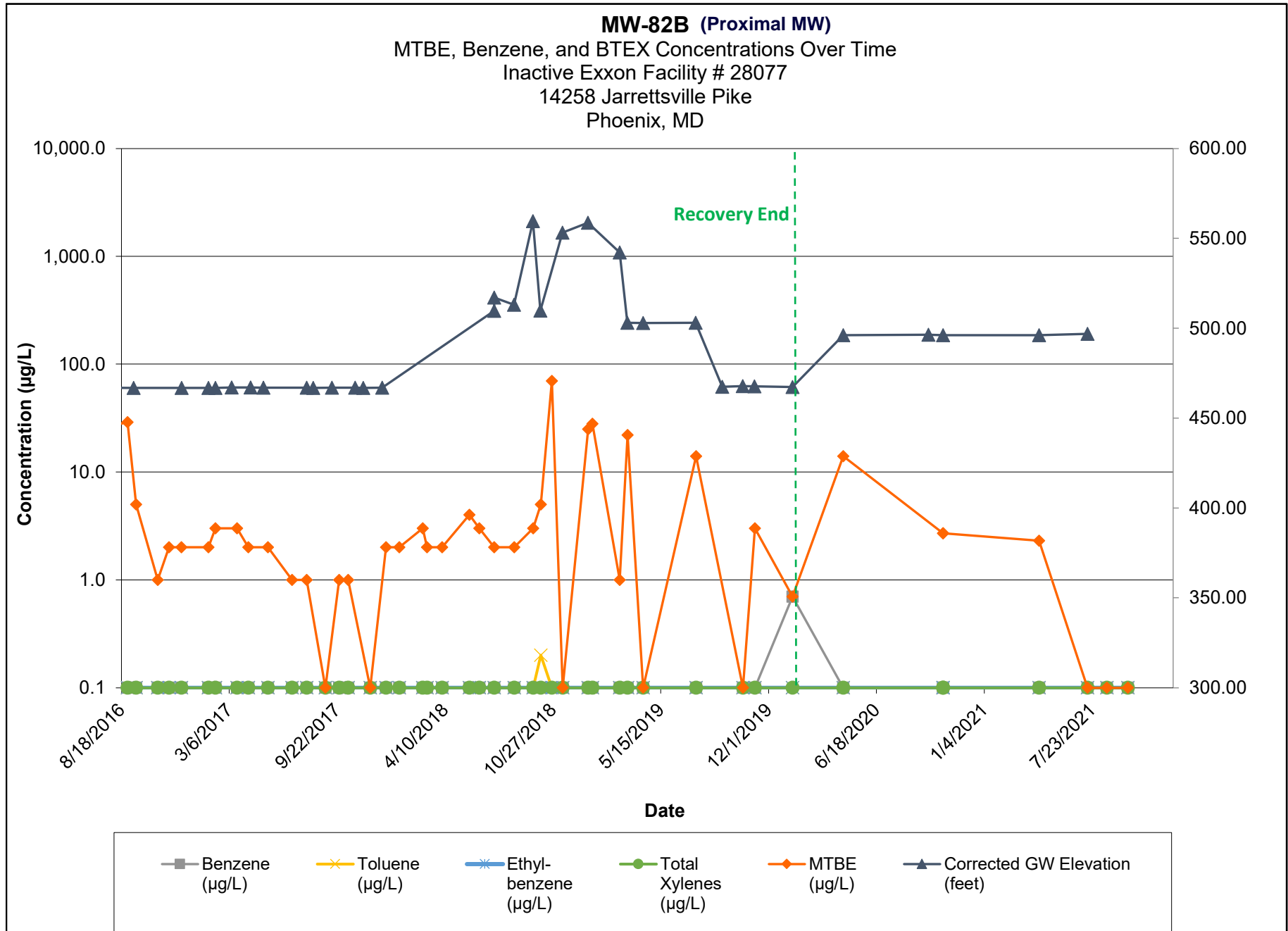
**Note:**

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.



Note:

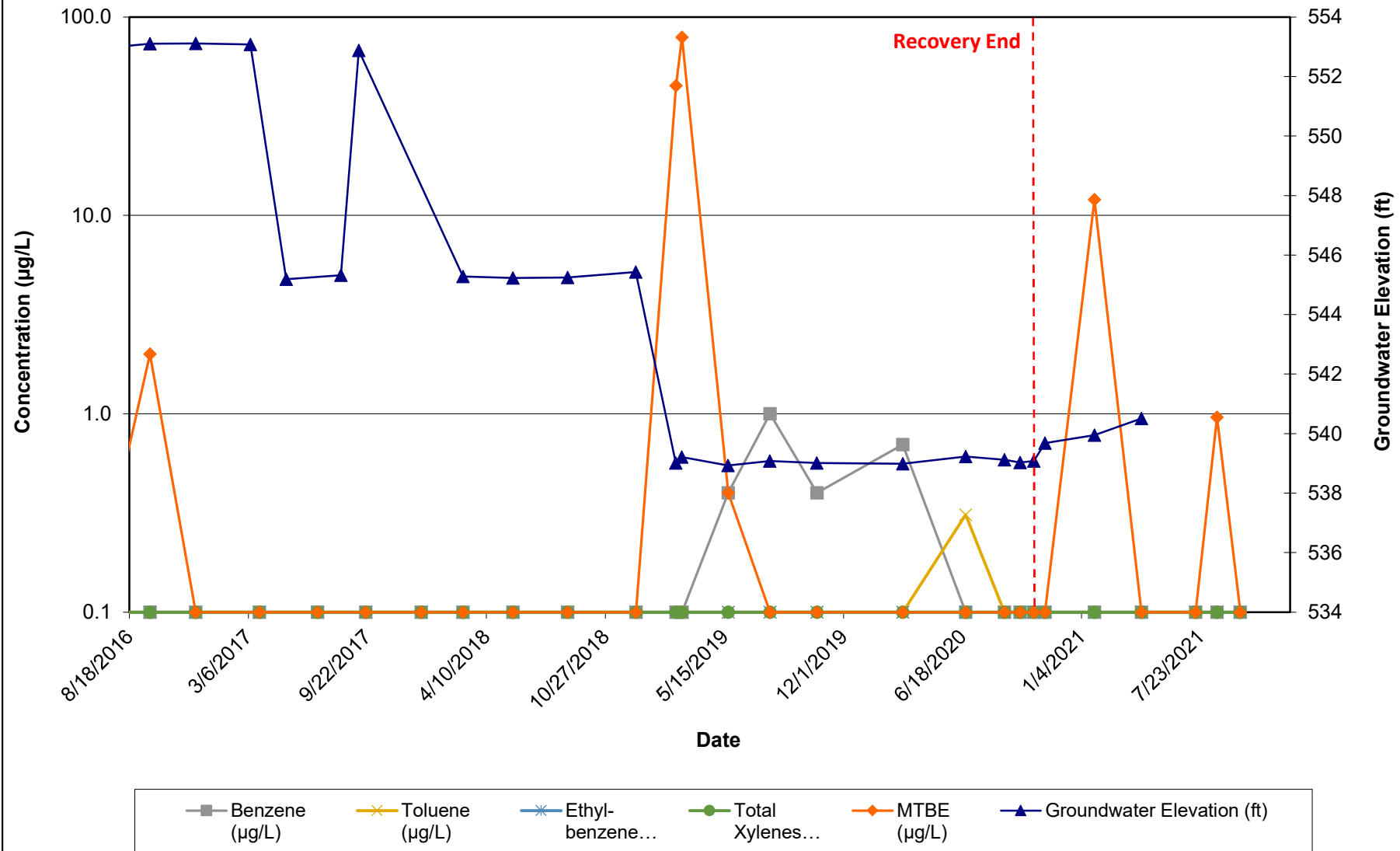
- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.



Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.

**MW-121**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



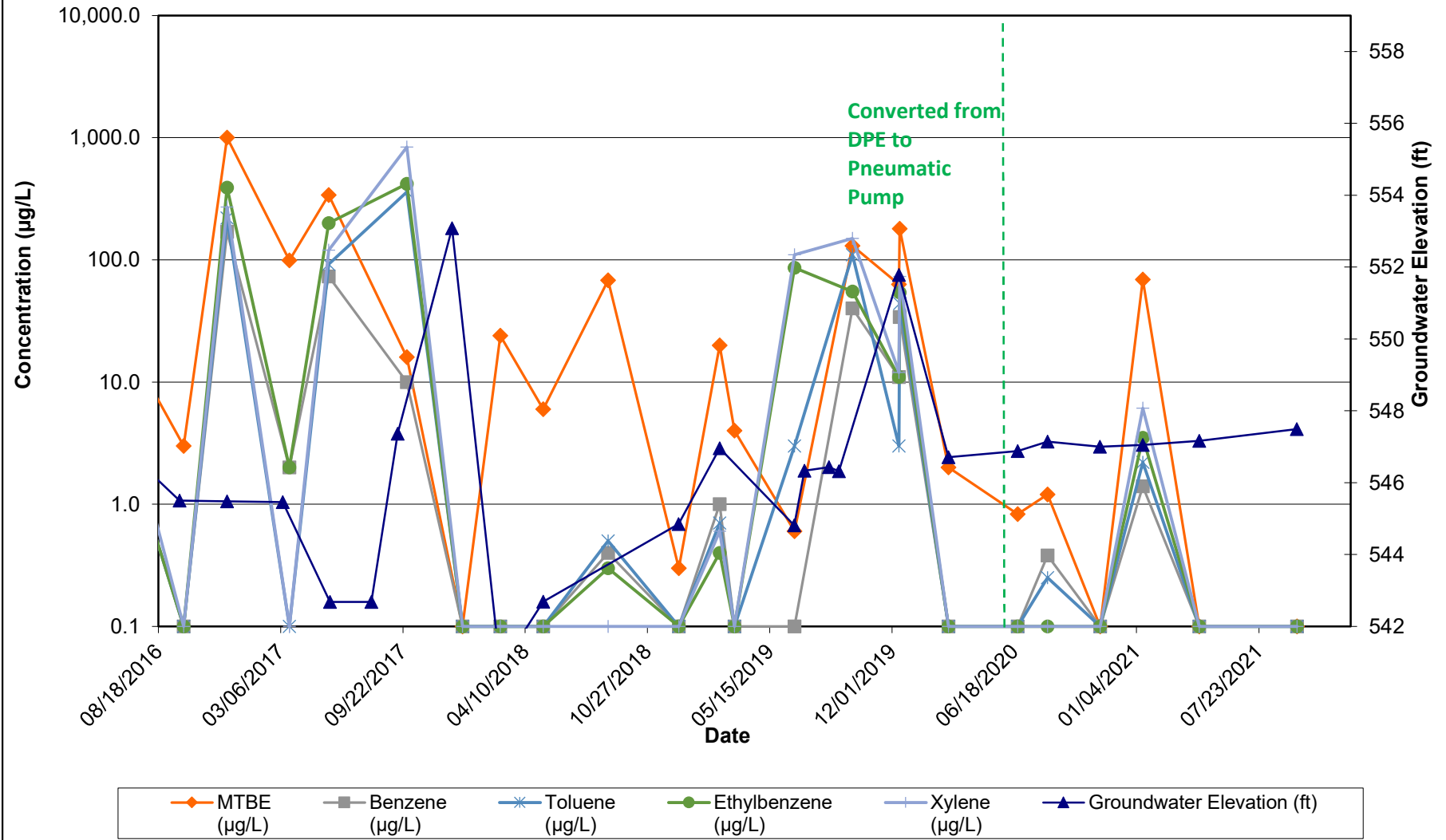
Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) Discrete interval sample collected at the depth indicated using a HydraSleeve sampler.

## **ATTACHMENT 1b - Cycling Workplan Trend Charts**

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**MW-3 [R]**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD

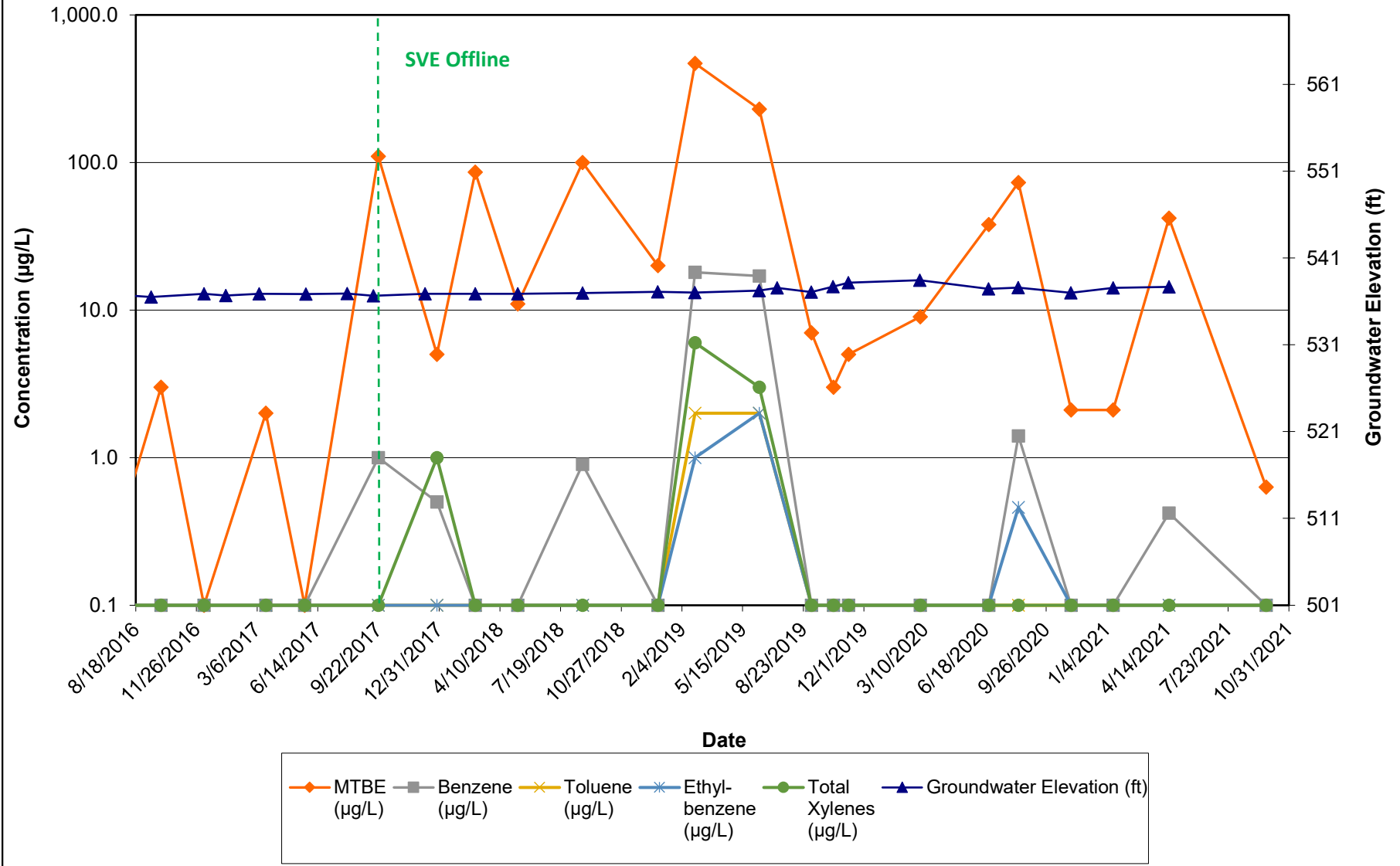


Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.



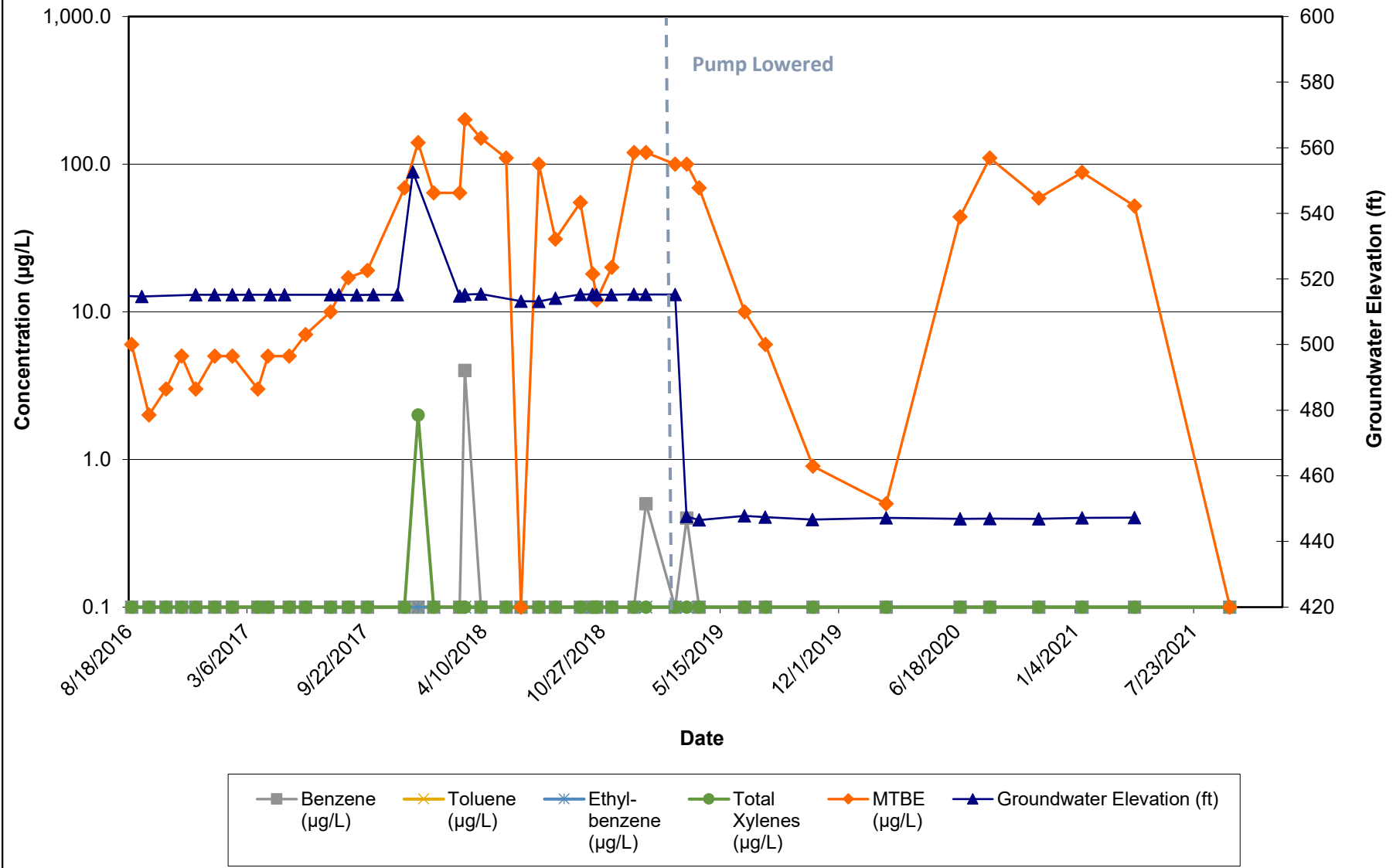
**MW-16R [R]**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.

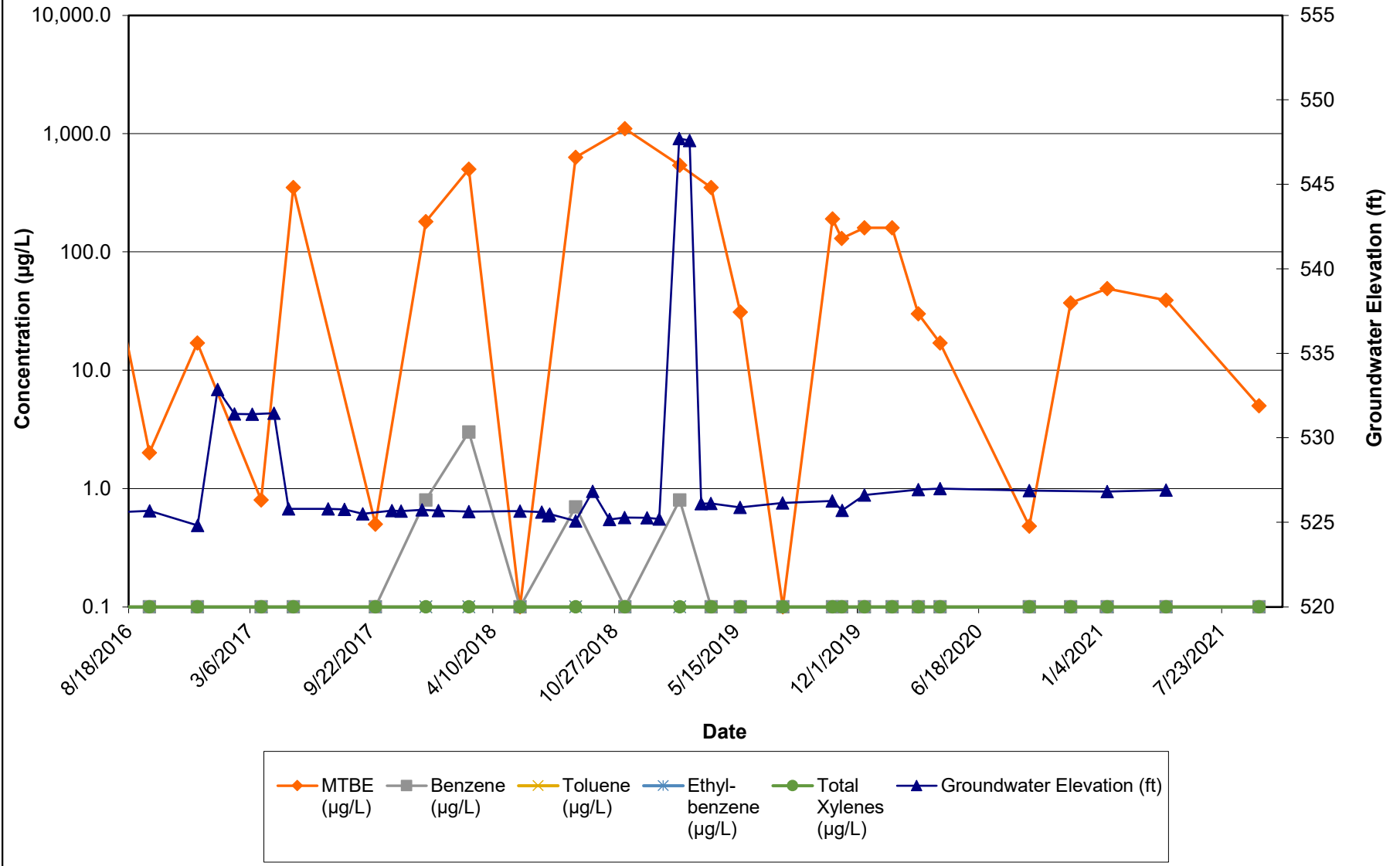
**MW-38C [R]**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.

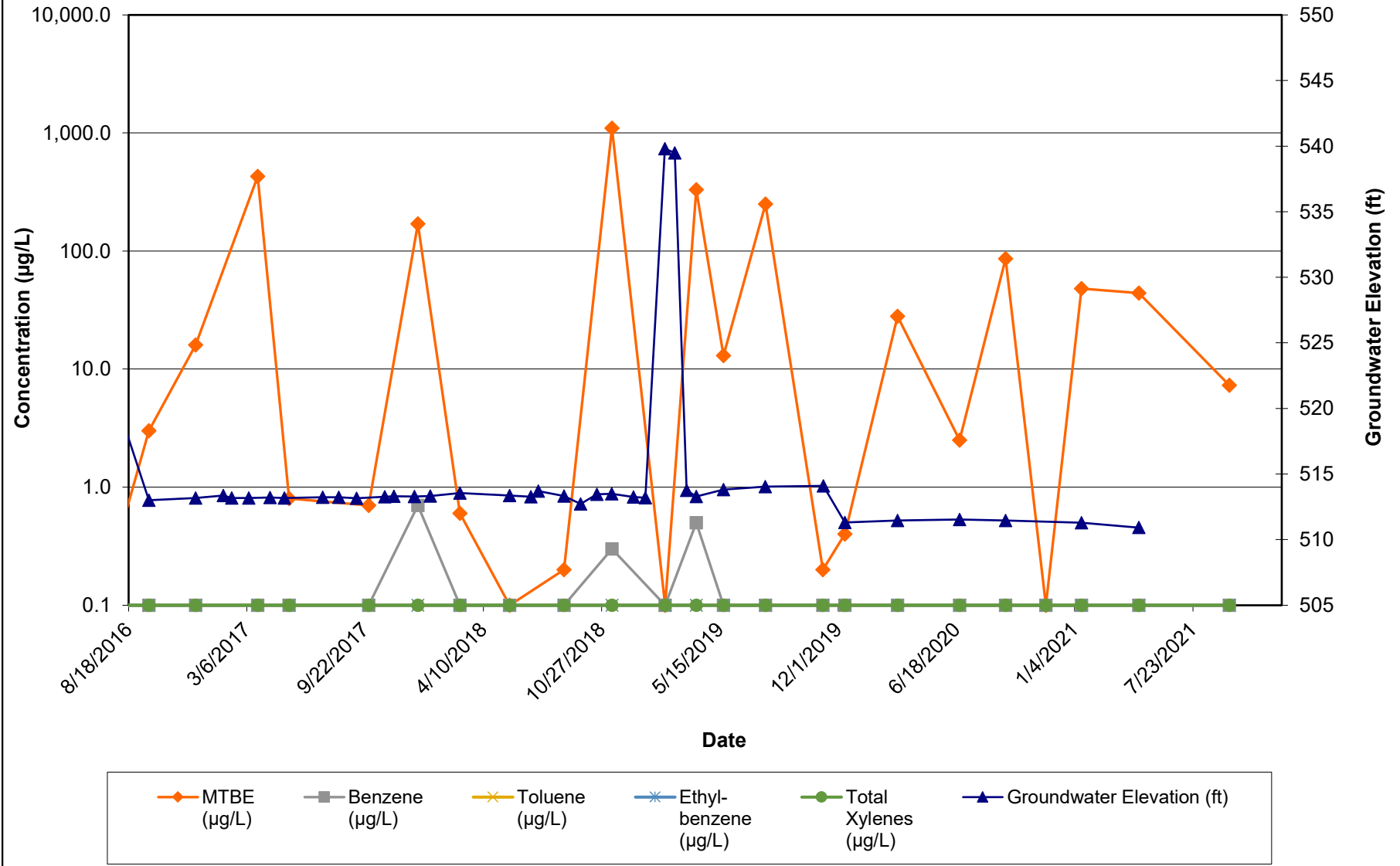
**MW-45 [R]**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



Note:

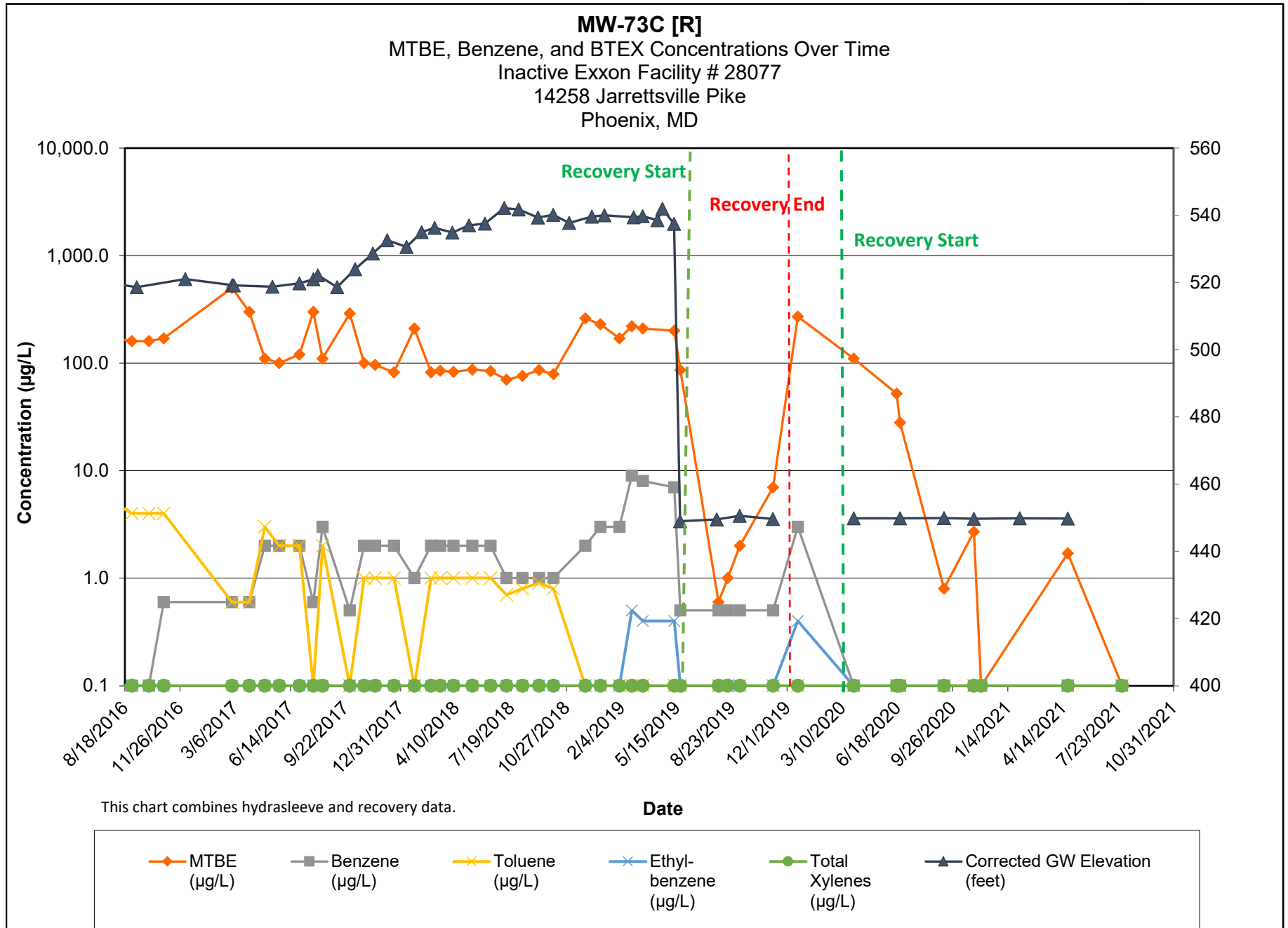
- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.

**MW-45R [R]**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



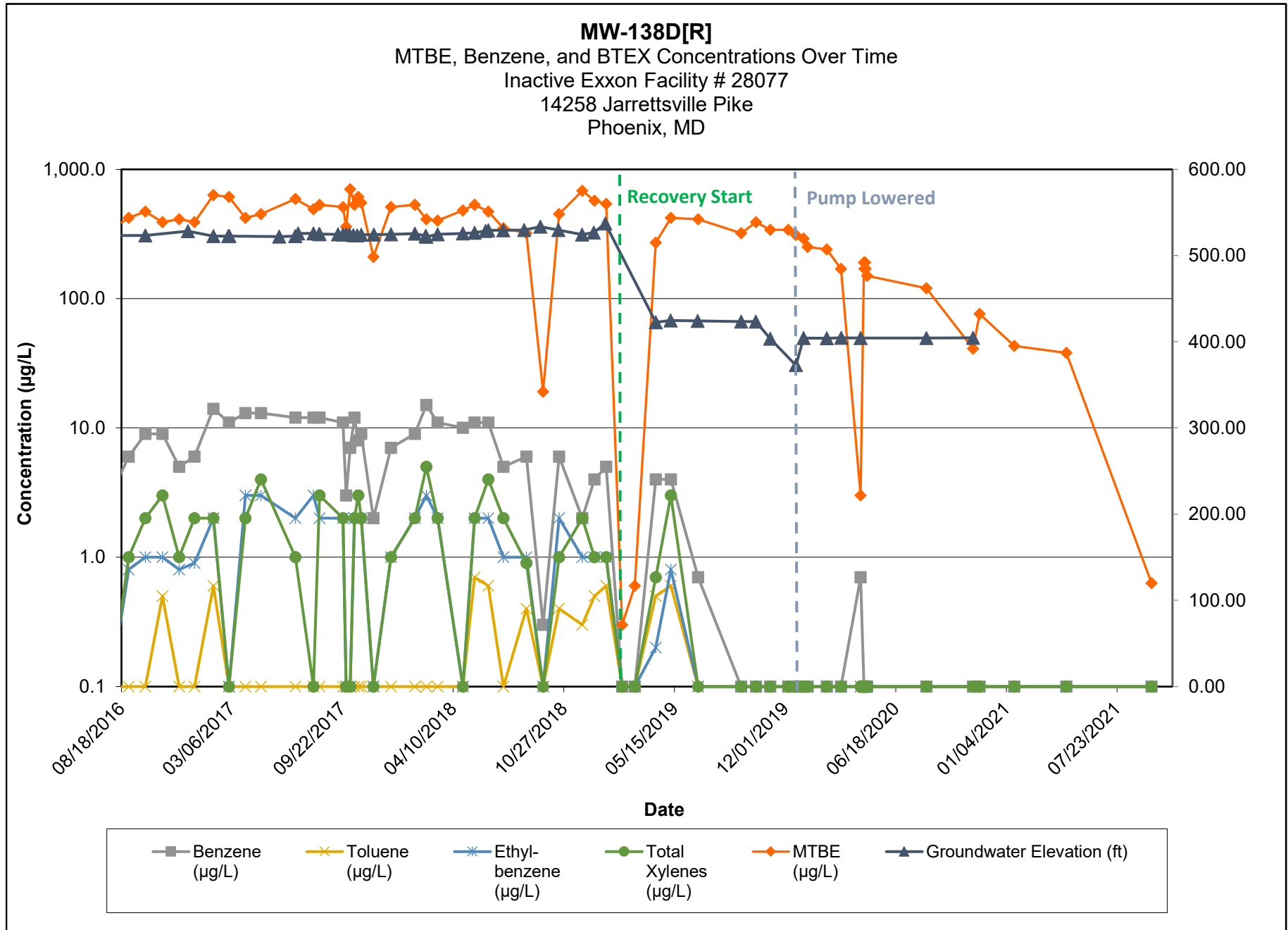
Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.



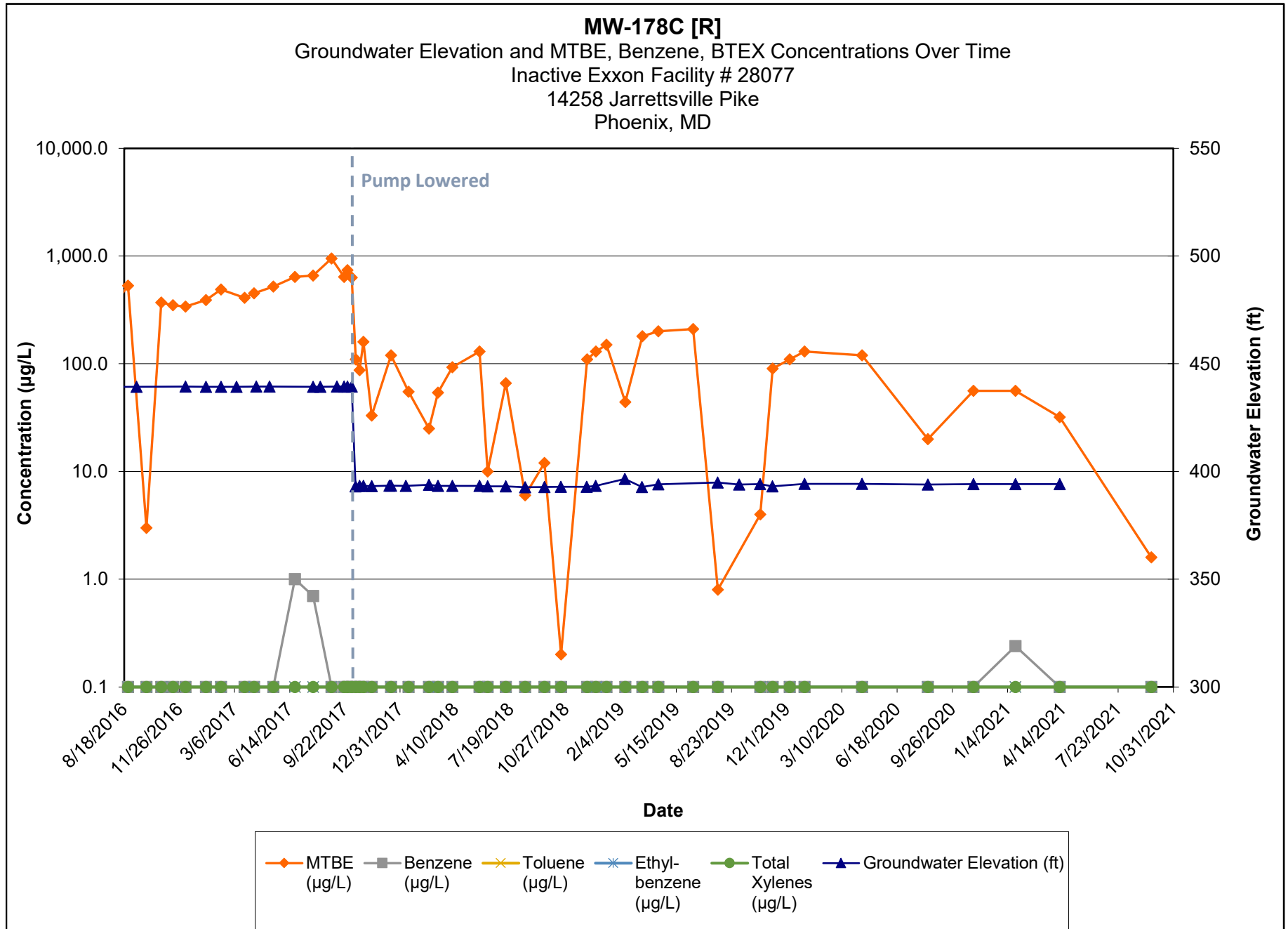
Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.



Note:

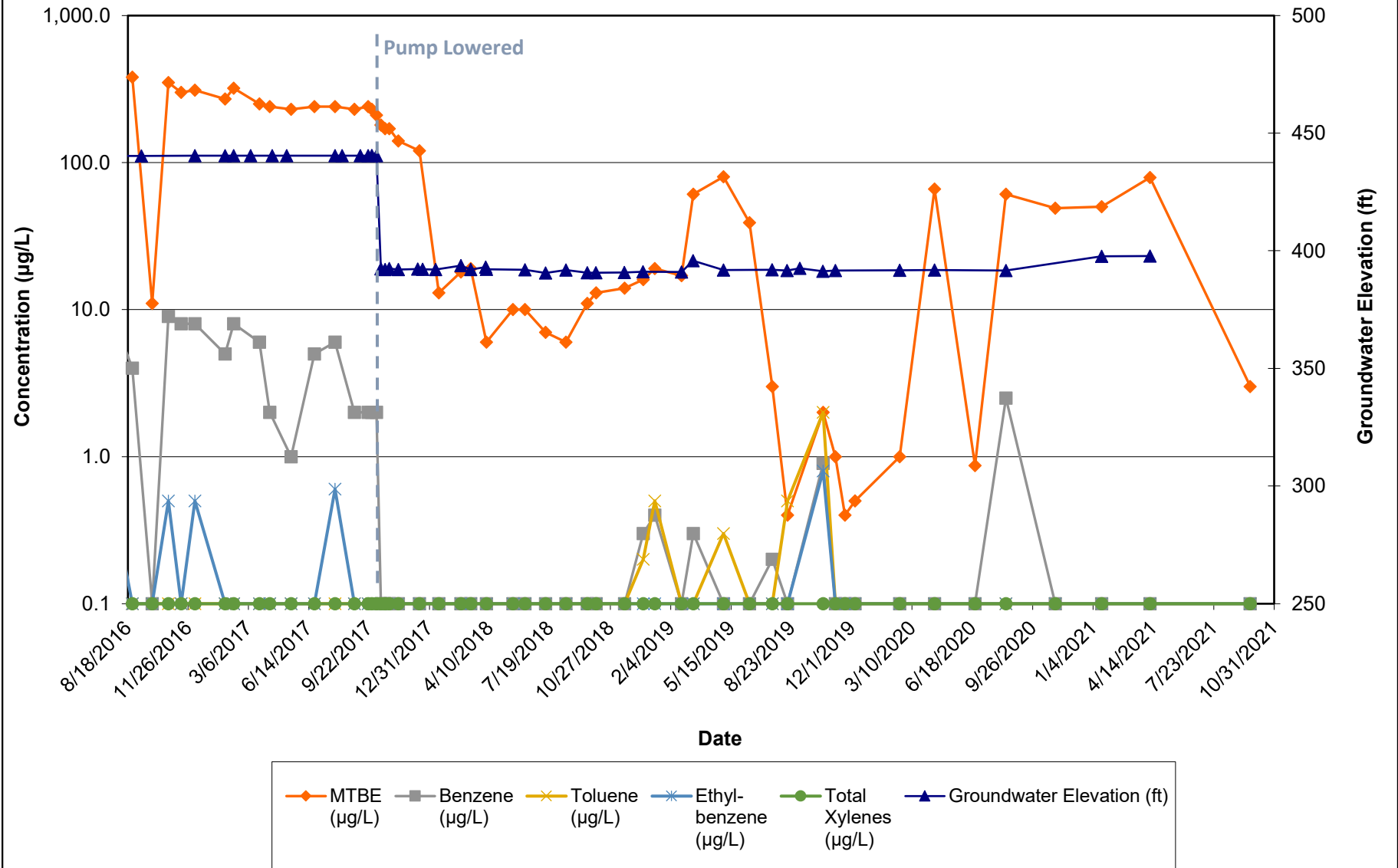
- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) Discrete interval sample collected at the depth indicated using a HydraSleeve sampler.



Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) HS = Deep composite HydraSleeve sampler set at bottom of open borehole.

**MW-183 [R]**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD

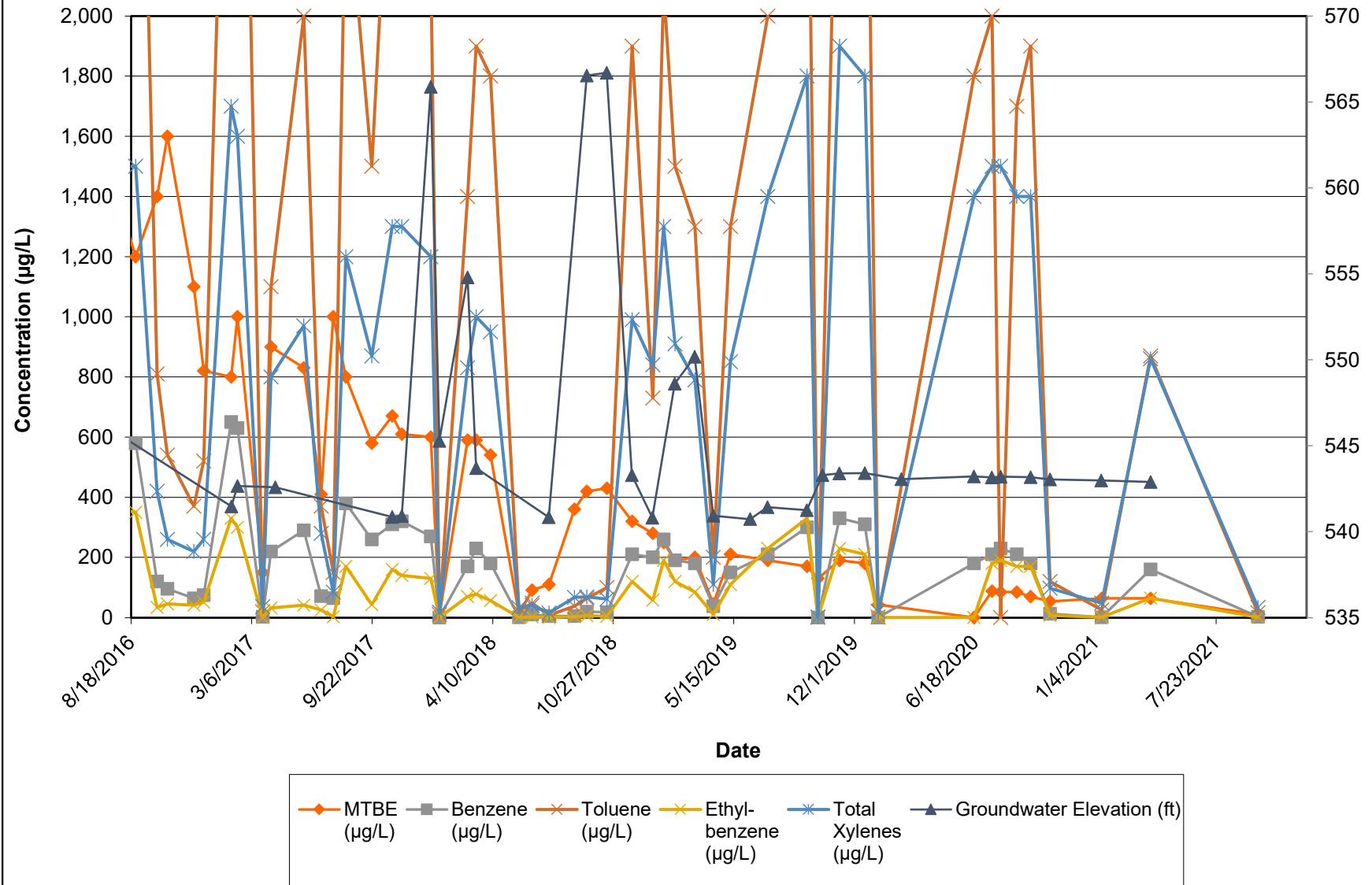


Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) HS = Deep composite HydraSleeve sampler set at bottom of open borehole.



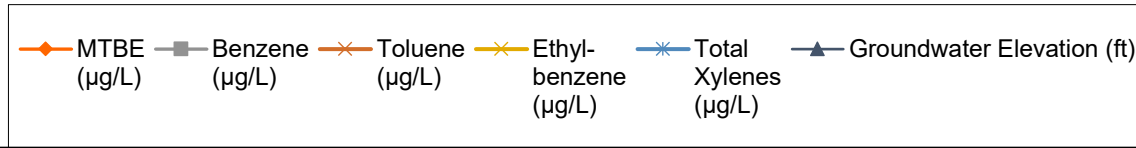
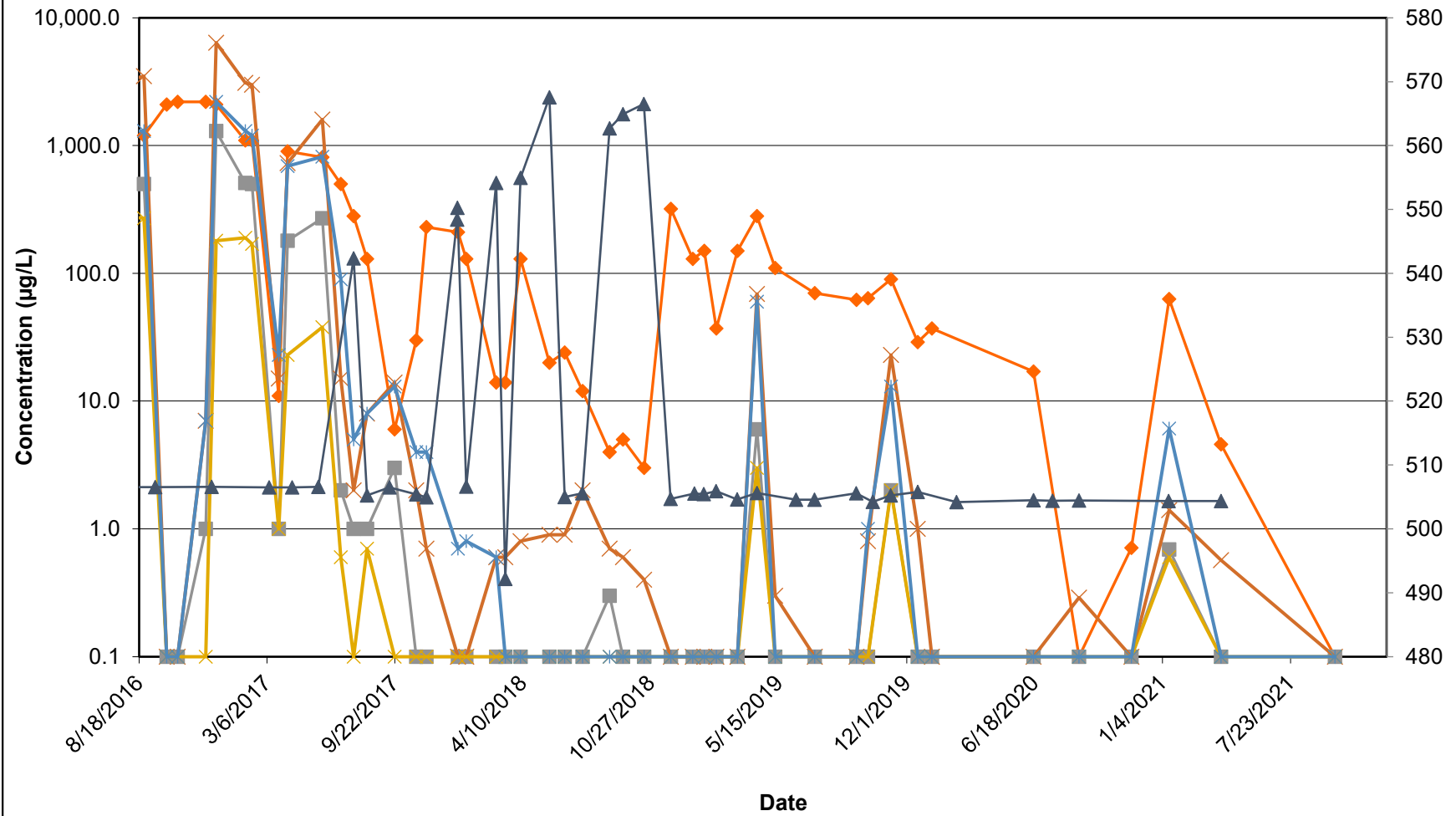
**MW-187A [R]**  
**MTBE, Benzene, BTEX Concentrations Over Time**  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



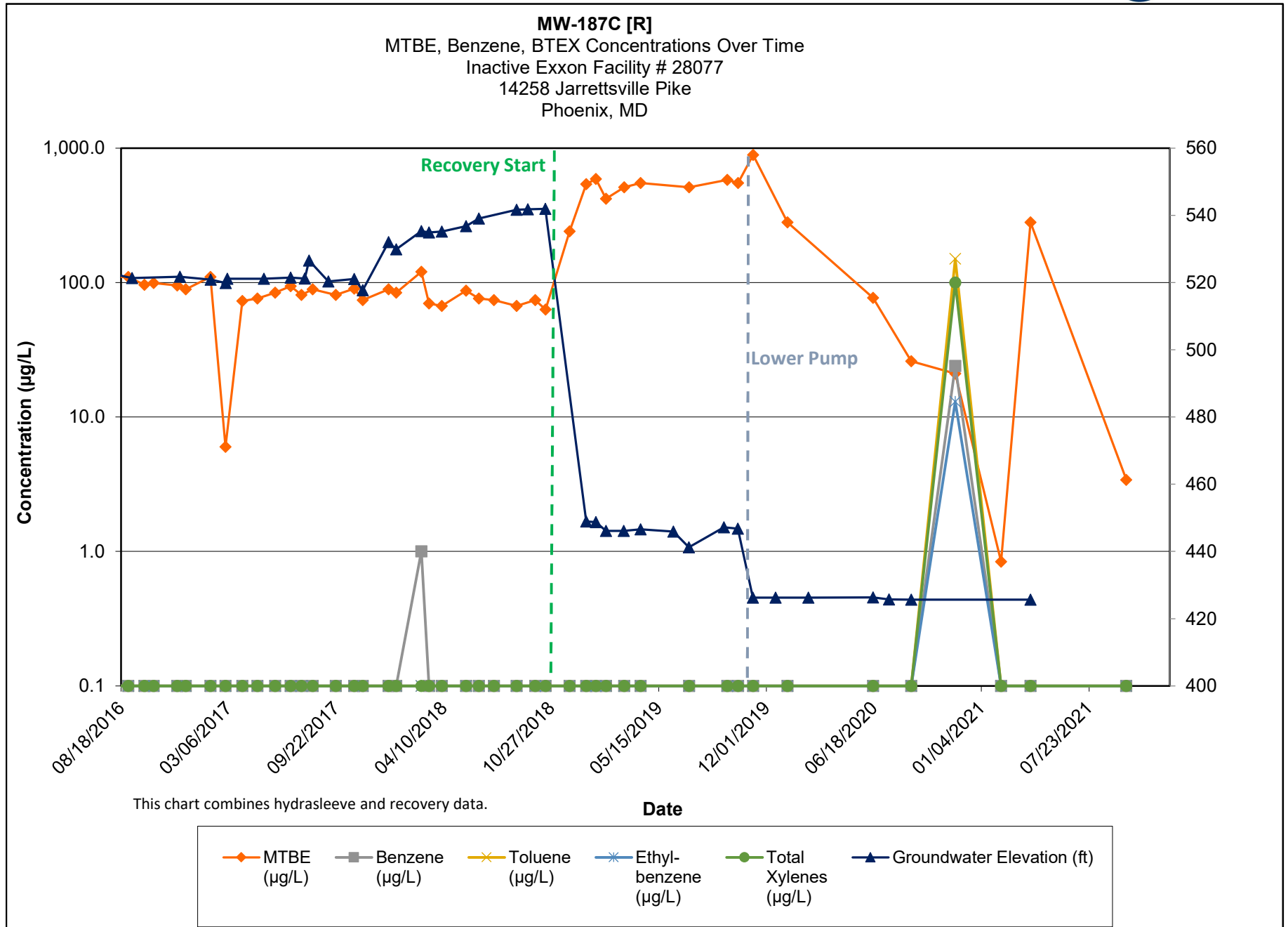
Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) HS = Deep composite HydraSleeve sampler set at bottom of open borehole.

**MW-187B [R]**  
**MTBE, Benzene, BTEX Concentrations Over Time**  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



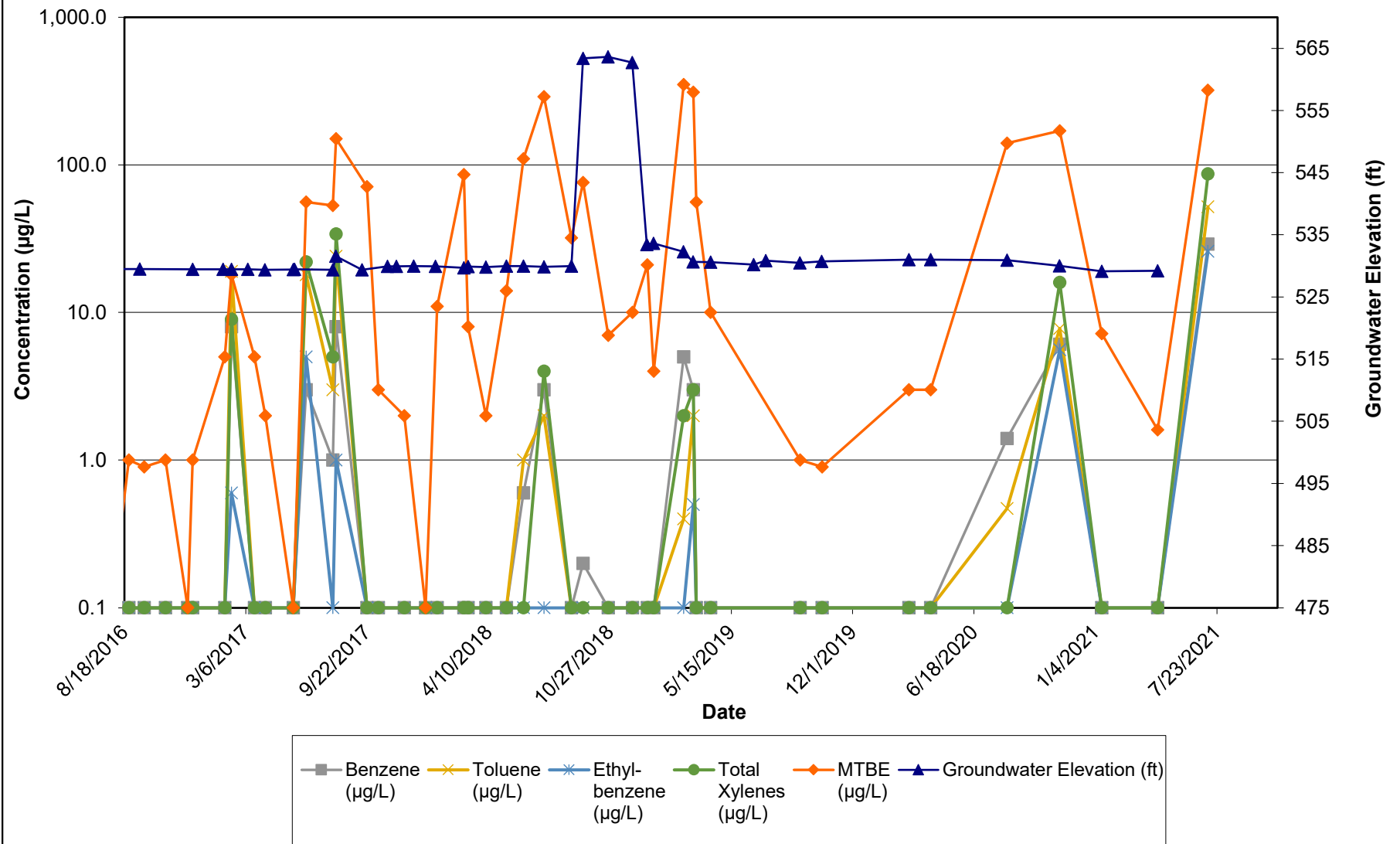
Note:  
 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.  
 2.) HS = Deep composite HydraSleeve sampler set at bottom of open borehole.



**Note:**

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) HS = Deep composite HydraSleeve sampler set at bottom of open borehole.

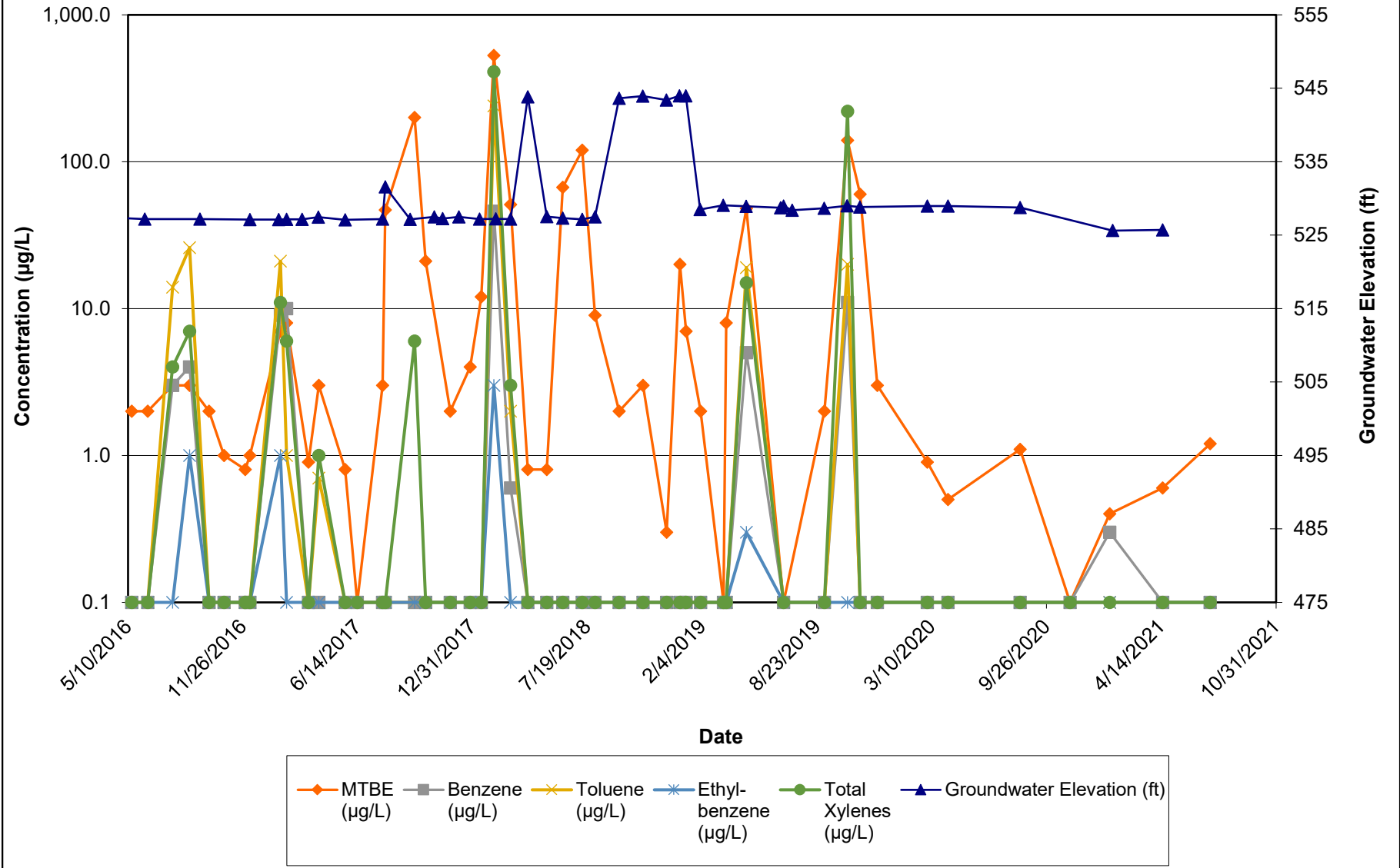
**SVE-1 [R]**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) HS = Deep composite HydraSleeve sampler set at bottom of open borehole.

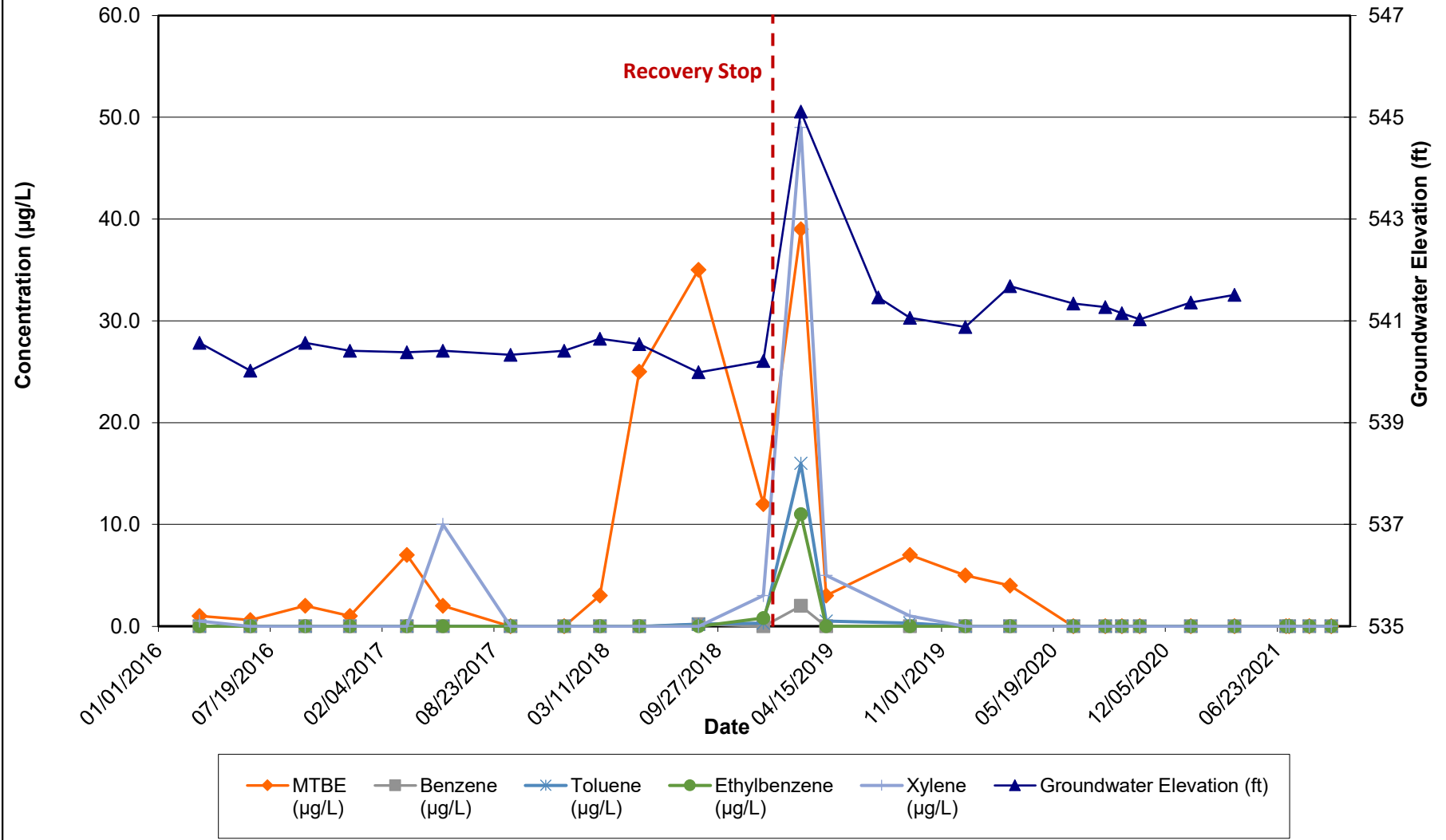
**SVE-3 [R]**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) HS = Deep composite HydraSleeve sampler set at bottom of open borehole.

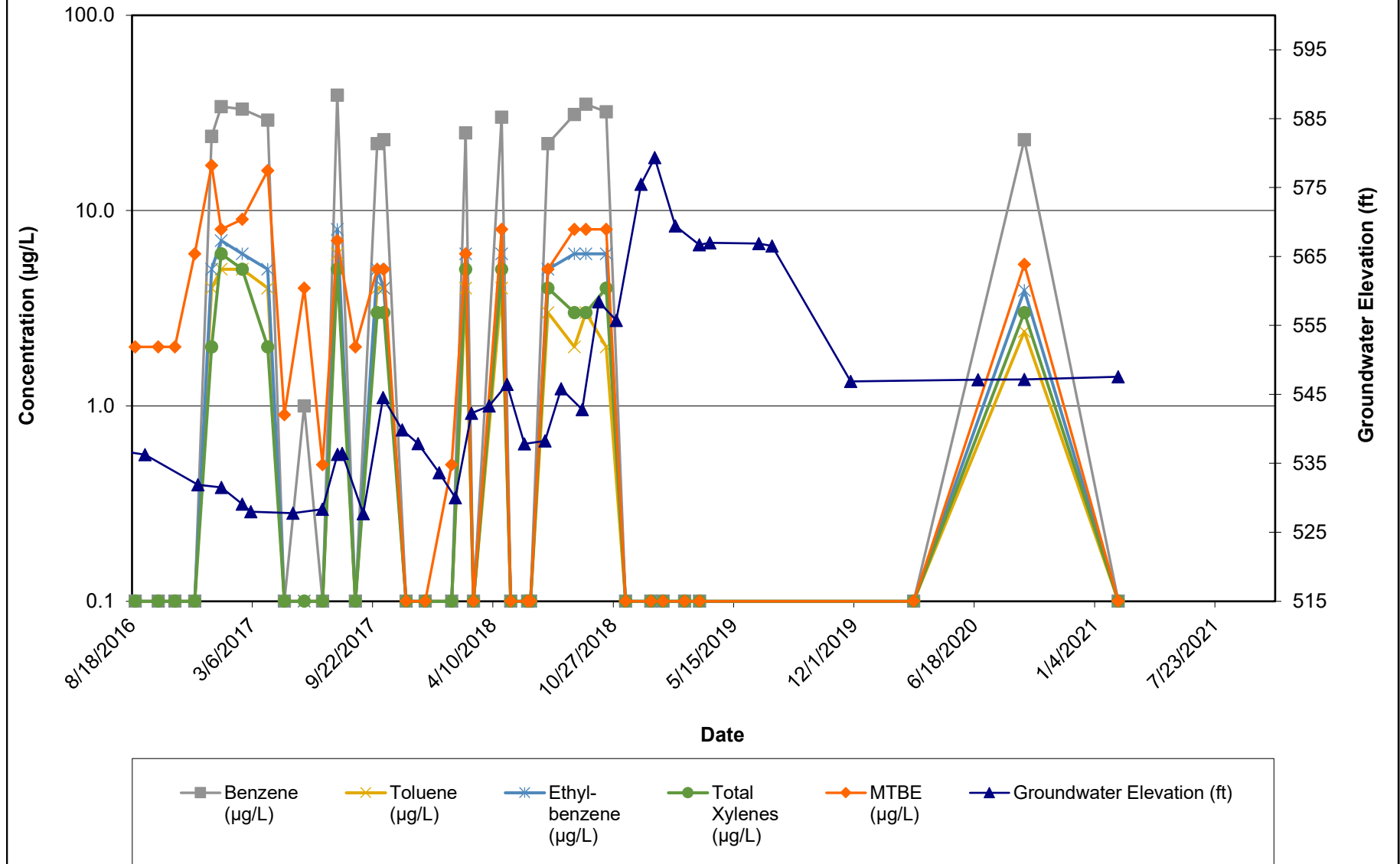
**MW-7 Proposed Proximal Well**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.

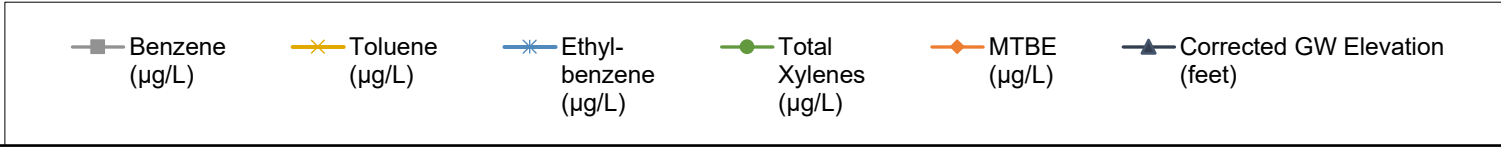
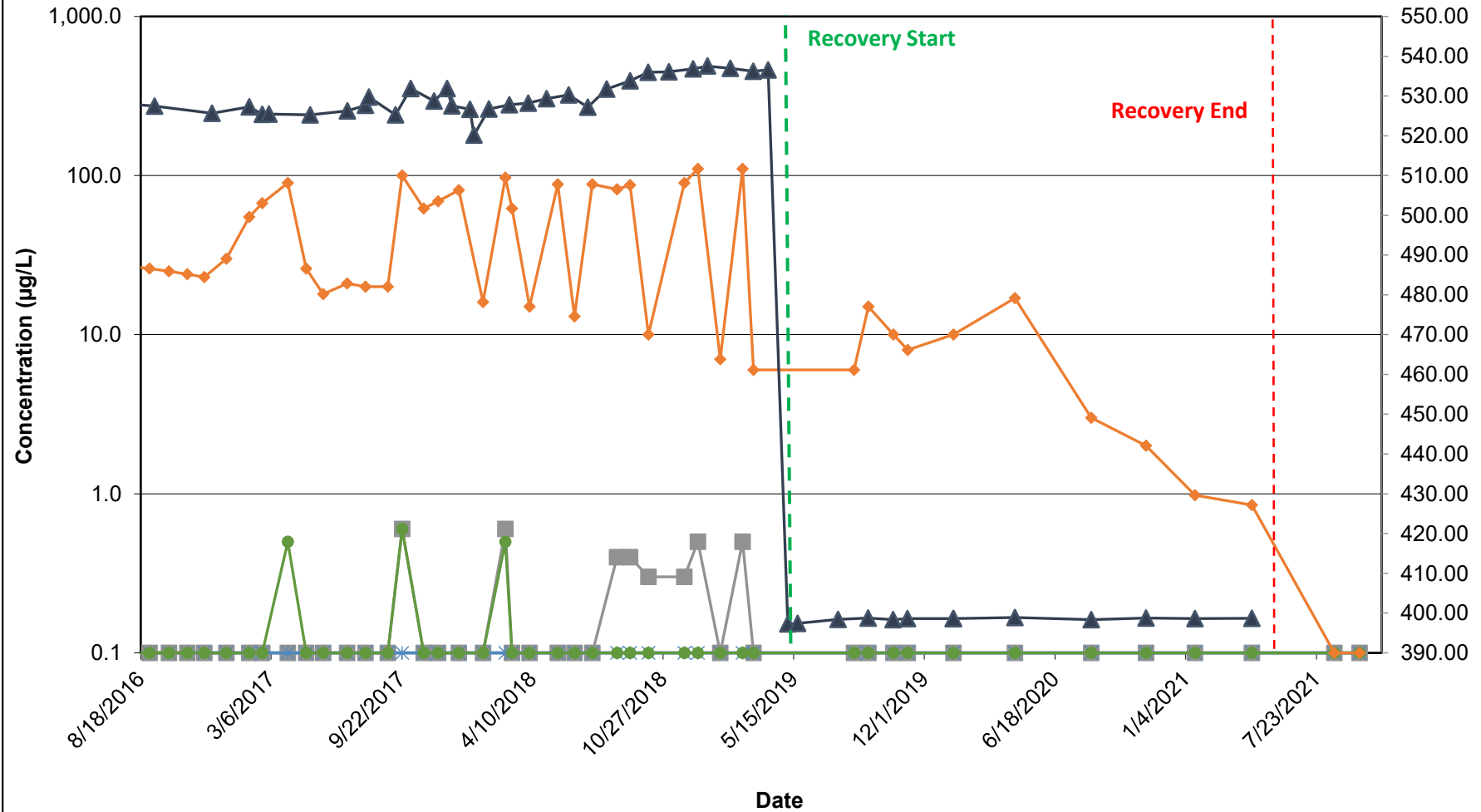
**MW-54C (HS-D) Proposed Proximal Well**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.

**MW-82D Proposed Proximal Well**  
 MTBE, Benzene, and BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD

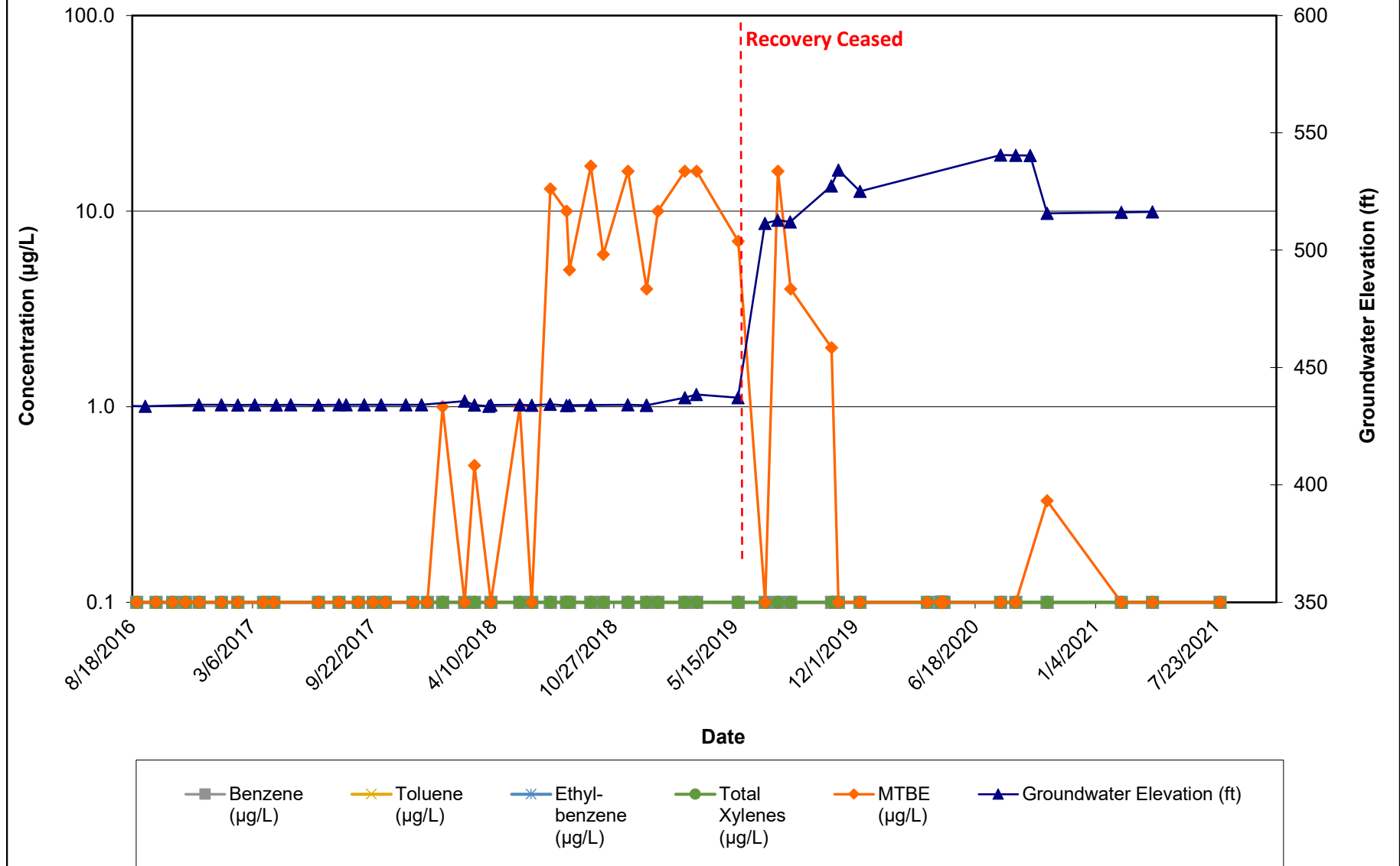


Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.



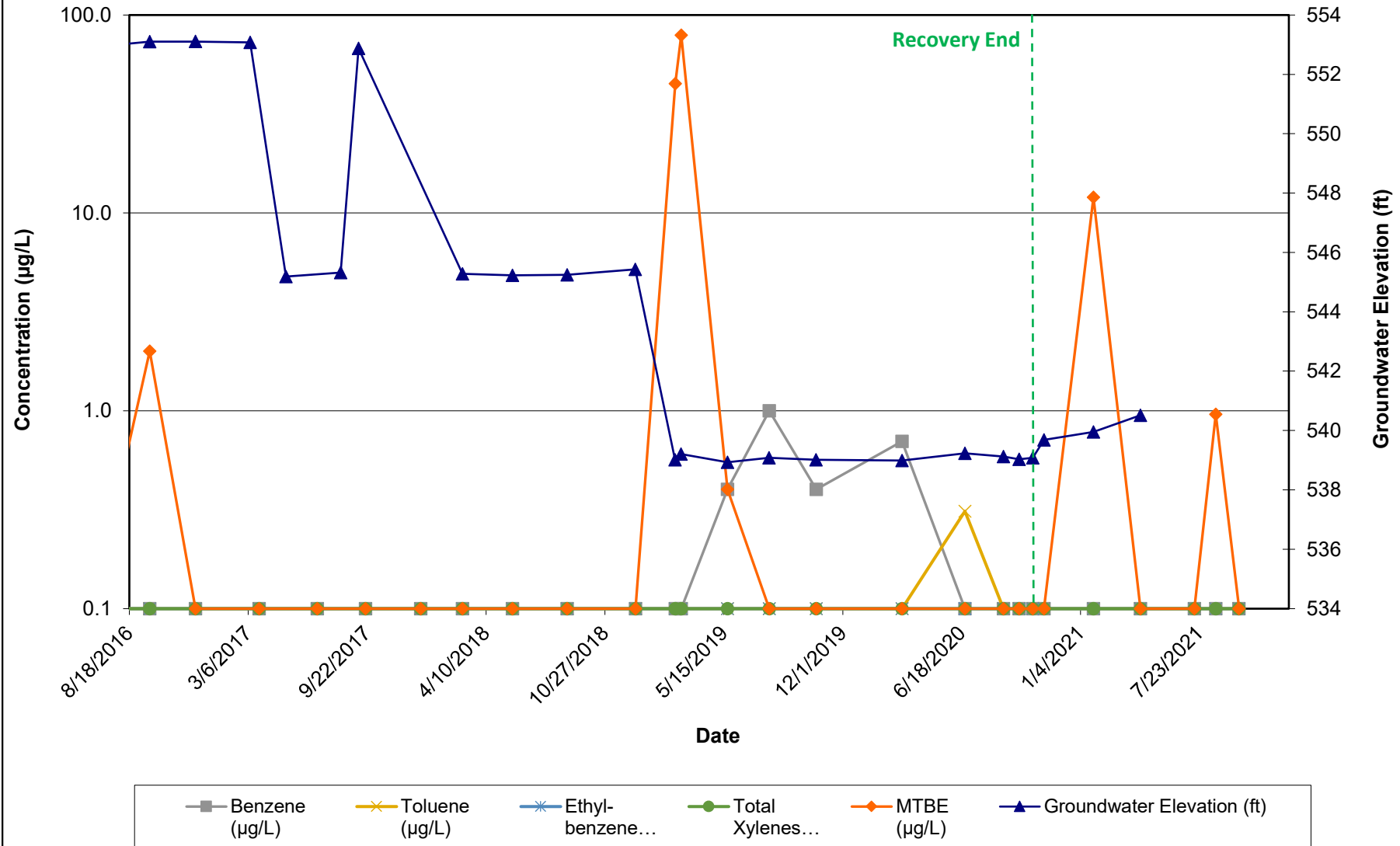
**MW-91C Proposed Proximal Well**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.

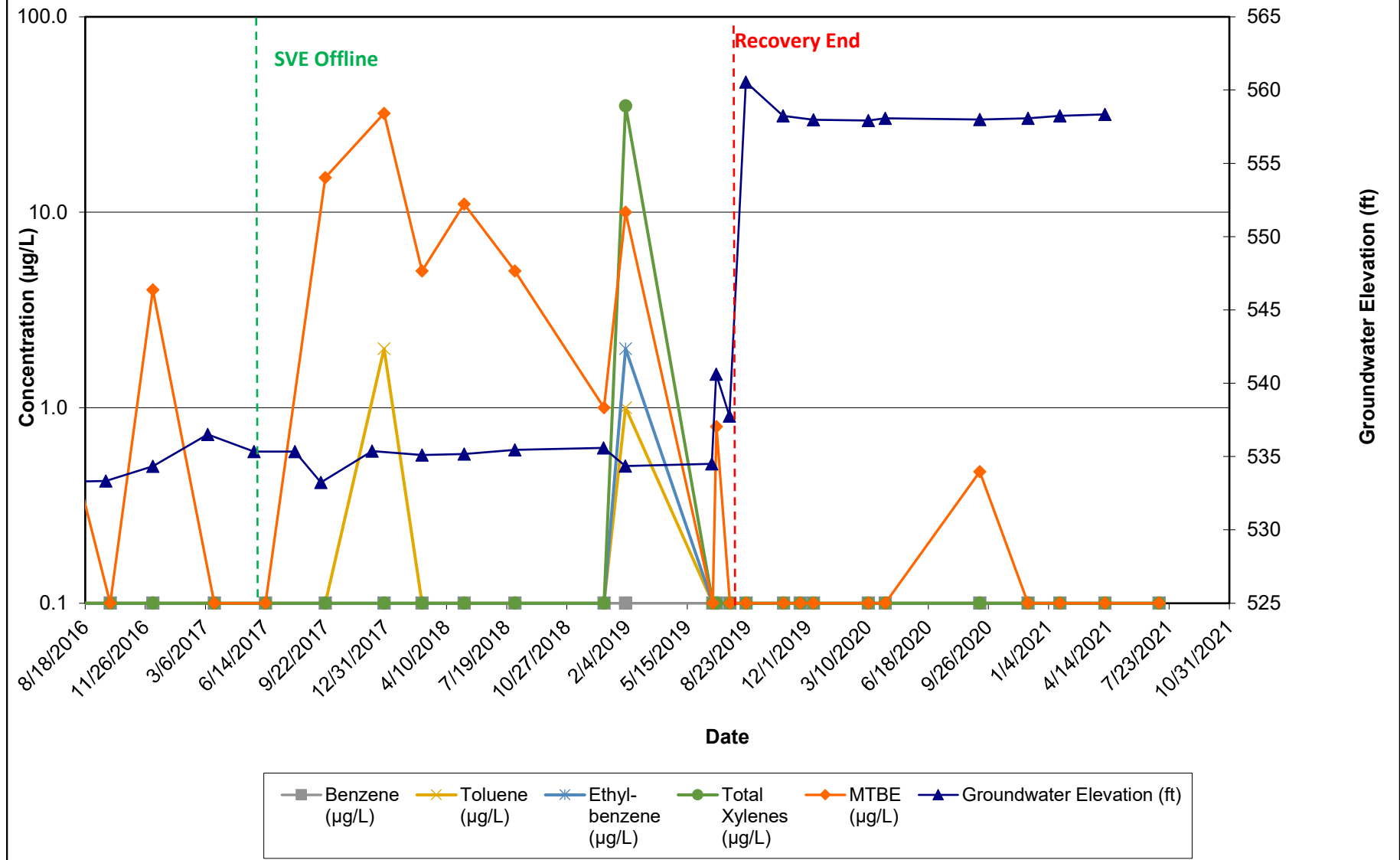
**MW-121 Proposed Proximal Well**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) Discrete interval sample collected at the depth indicated using a HydraSleeve sampler.

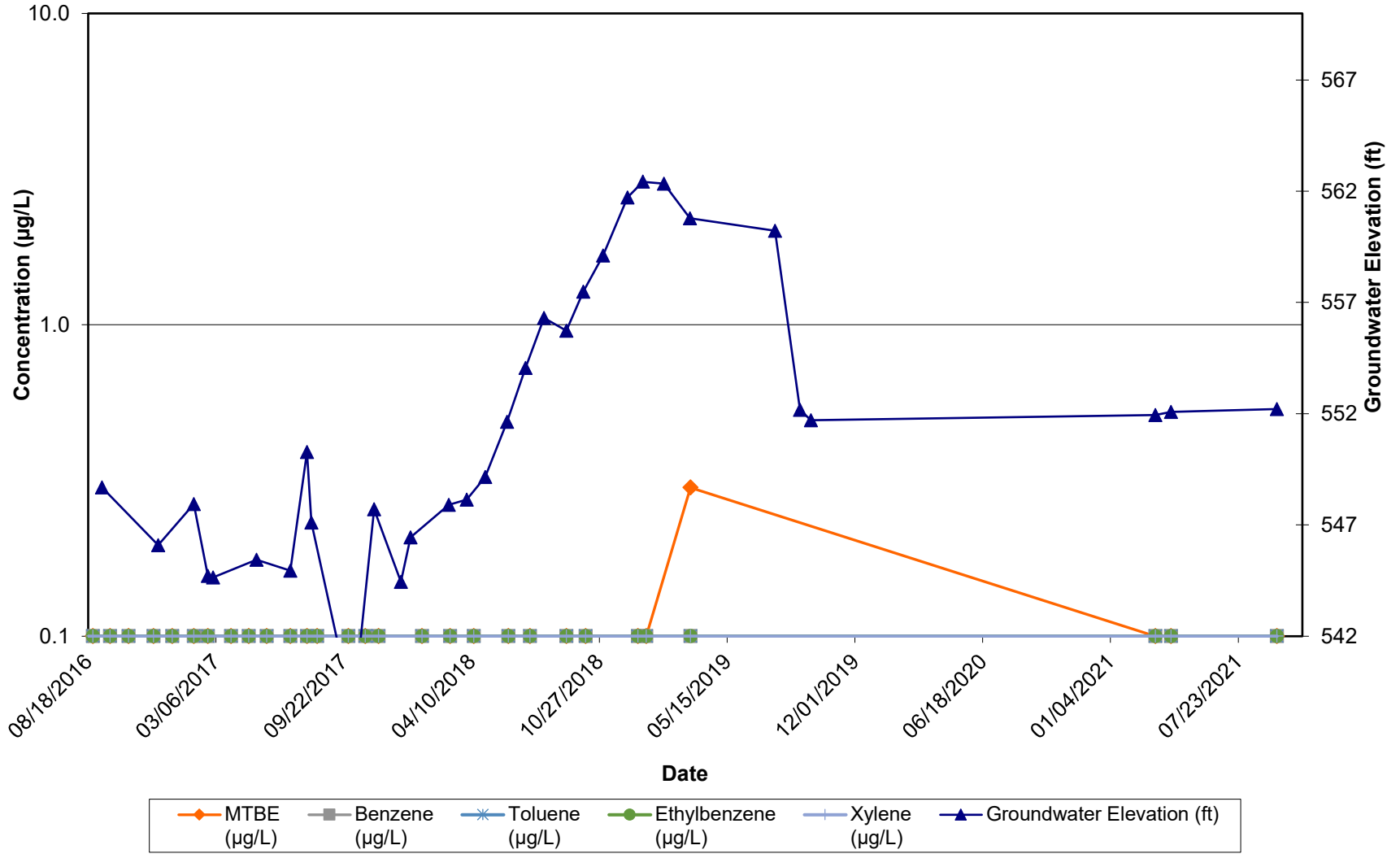
**MW-152 Proposed Proximal Well**  
Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
Inactive Exxon Facility # 28077  
14258 Jarrettsville Pike  
Phoenix, MD



Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.

**PW-3501 Proposed Proximal Well**  
 Groundwater Elevation and MTBE, Benzene, BTEX Concentrations Over Time  
 Inactive Exxon Facility # 28077  
 14258 Jarrettsville Pike  
 Phoenix, MD



Note:

- 1.) ND results are charted as "0.1" to avoid confusion with estimated "J" values.
- 2.) [R] - indicates well was used for remediation at time of reporting.

## **ATTACHMENT 2 - Natural Attenuation and Biodegradation Evaluation Sampling Matrix**

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**Attachment 2**

**Natural Attenuation and Biodegradation Evaluation Sampling Matrix**

MW	Field Parameters				Laboratory Analysis (Chemistry)						Laboratory Analysis (Microbial)			Rationale	
	Conditions		Electron Donor / Acceptor Indicators		Microbial Nutrient			Microbial Indicators							
	pH	Temp	ORP <sup>1</sup>	D.O. <sup>2</sup>	Ferrous Iron (test kit) <sup>3</sup>	Nitrate	Sulfate	Ferrous Iron	Methane	CO <sub>2</sub>	Orthophosphate	QuantArray <sup>4</sup> (MtBE & TBA)	QuantArray (Full Petro) <sup>5</sup>	Stable Isotope Probing <sup>6</sup>	
<b>Release Area (Tank Field and Intersection)</b>															
MW-187A	X	X	X	X	X	X	X	X	X	X	X		X (aqueous)		Vertical profile near source area. Verification of previous Natural Attenuation Investigation
MW-187B	X	X	X	X	X	X	X	X	X	X	X		X (aqueous)		
MW-187C	X	X	X	X	X	X	X	X	X	X	X		X (aqueous)		
SVE-1	X	X	X	X	X	X	X	X	X	X	X		X (aqueous)		Recalcitrant concentrations at the source area
<b>Plume Core (Northeast)</b>															
MW-54B	X	X	X	X	X	X	X	X	X	X	X	X (aqueous)			Vertical profile of shallow to deep transition point. Verification of previous Natural Attenuation Investigation
MW-54C	X	X	X	X	X	X	X	X	X	X	X		X (biotrap)	X (benzene)	
MW-138D	X	X	X	X	X	X	X	X	X	X	X	X (aqueous)			Elevated conc in distal deeper zone
MW-188D	X	X	X	X	X	X	X	X	X	X	X	X (biotrap)			Low ORP. MtBE at or above standard. benzene detected
<b>Distal Plume (Southwest)</b>															
MW-40	X	X	X	X	X	X	X	X	X	X	X	X (biotrap)		X (MtBE)	Historic MtBE concentration in the SW. Verification of previous Natural Attenuation Investigation
<b>Distal Plume (Northeast)</b>															
MW-189D	X	X	X	X	X	X	X	X	X	X	X	X (biotrap)		X (MtBE)	Distal deeper zone monitoring point where MtBE has been detected
<b>Background / Perimeter (Northeast)</b>															
MW-48D	X	X	X	X	X	X	X	X	X	X	X	X (biotrap)		X (MtBE)	Vertical profile with minimal historical impact off- "strike line"
MW-135C	X	X	X	X	X	X	X	X	X	X	X	X (biotrap)		X (MtBE)	
1) Measure ORP via low-flow methods or in-situ pre-purge for pumped wells. 2) Measure DO via low-flow methods or in-situ pre-purge for pumped wells. Use Chemetrics ampoules/test kit for secondary measurement. 3) Hach colorimetric ferrous iron test kit. 4) Quantification of the specific functional genes responsible for biodegradation of MtBE utilizing strain Methylibium petroleiphilum PM1 and TBA monooxygenase. 5) Quantification of the specific functional genes responsible for both aerobic and anaerobic biodegradation of BTEX, MtBE, PAHs, and a variety of short and long chain alkanes. 6) Proof of biodegradation by loading Biotrap with <sup>13</sup> C and analyzing for partitioning of <sup>13</sup> C into biomass or inorganic carbon.															



## **ATTACHMENT 3 - Microbial Insights Fact Sheets**

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# mi QuantArray®

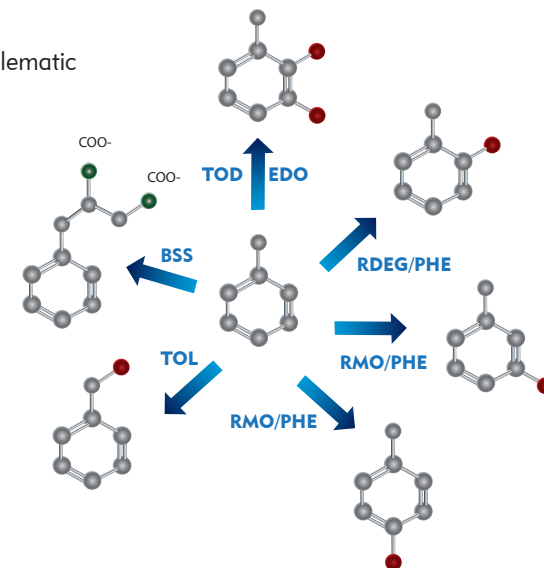
MOLECULAR BIOLOGICAL TOOL

Simultaneously quantify functional genes responsible for aerobic and anaerobic biodegradation of petroleum hydrocarbons in a single analysis

Comprehensive evaluation of biodegradation potential at petroleum impacted sites is inherently problematic due to two factors: (1) Petroleum products are complex mixtures of hundreds of aliphatic, aromatic, cyclic and heterocyclic compounds (2) Even for common classes of contaminants like benzene, toluene, ethylbenzene, and xylenes (BTEX), biodegradation can proceed by a multitude of pathways. For example, biodegradation of toluene can proceed via five known aerobic pathways and one known anaerobic pathway as shown.

The Petroleum QuantArray has been designed to address both of these issues by providing the simultaneous quantification of the specific functional genes responsible for both aerobic and anaerobic biodegradation of BTEX, PAHs, and a variety of short and long chain alkanes.

Thus, when combined with chemical and geochemical groundwater monitoring programs, the QuantArray allows site managers to simultaneously yet economically evaluate the potential for biodegradation of a spectrum of petroleum hydrocarbons through a multitude of aerobic and anaerobic pathways to give a much more clear and comprehensive view of contaminant biodegradation.



## BTEX and MTBE

- Benzene/toluene dioxygenases (TOD) monooxygenases (RMO, RDEG, PHE) and other functional genes responsible for aerobic biodegradation of BTEX
- Includes MTBE utilizing strain *Methylobium petroleiphilum* PM1 and TBA monooxygenase
- Benzylsuccinate synthase (BSS) for anaerobic biodegradation of toluene, ethylbenzene, and xylenes
- Benzene carboxylase (ABC) initiates the only known pathway for anaerobic benzene biodegradation

## Naphthalene and PAHs

- Includes three groups of naphthalene dioxygenase genes (NAH, NAG, PHN) for aerobic biodegradation
- Naphthylmethylsuccinate synthase (NMS) for anaerobic biodegradation of methyl-naphthalenes
- Naphthalene carboxylase (ANC) initiates the only known pathway for anaerobic naphthalene biodegradation

## Alkanes/TPH

- The *n*-alkanes are a substantial portion of petroleum products
- The Petroleum QuantArray includes quantification of alkane monooxygenase genes (alkB)
- Also includes quantification of alkylsuccinate synthase (assA) genes to evaluate anaerobic biodegradation of alkanes



**Quantification of a multitude of key functional genes responsible for aerobic and anaerobic biodegradation of petroleum hydrocarbons.**

**Aerobic Biodegradation**

- Benzene/toluene dioxygenase (TOD)
- Toluene/benzene monooxygenases (RMO, RDEG)
- Phenol hydroxylase (PHE)
- Ethylbenzene and isopropylbenzene dioxygenases (EDO, BPH4)
- Naphthalene dioxygenases (NAH, NAG, PHN)
- MTBE-utilizing strain PM1
- TBA monooxygenase
- Alkane monooxygenases

**Anaerobic Biodegradation**

- Benzylsuccinate synthase (BSS)
- Benzene carboxylase (ABC)
- Naphthalene carboxylase (ANC)
- Naphthylmethylsuccinate synthase (NMS)
- Alkylsuccinate synthase
- Benzoyl Coenzyme A reductase (BCR)

**Other Groups**

- Total Bacteria (EBAC)
- Sulfate reducing bacteria (APS)

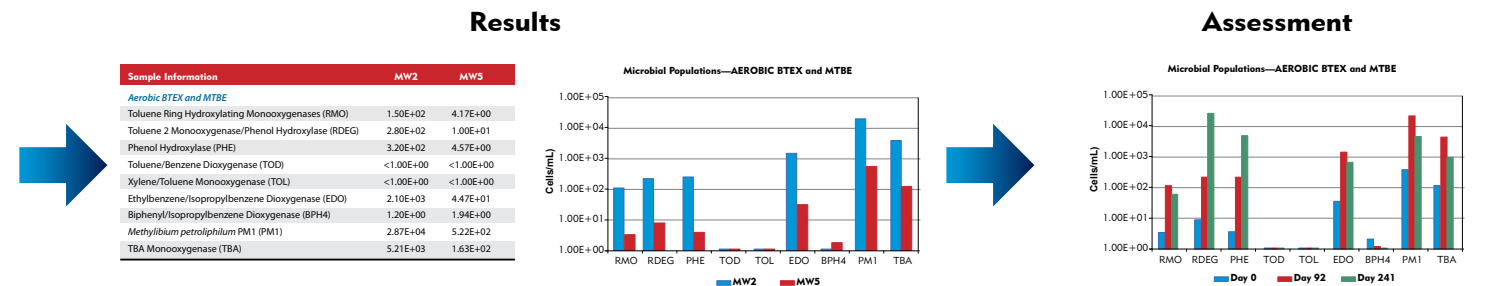
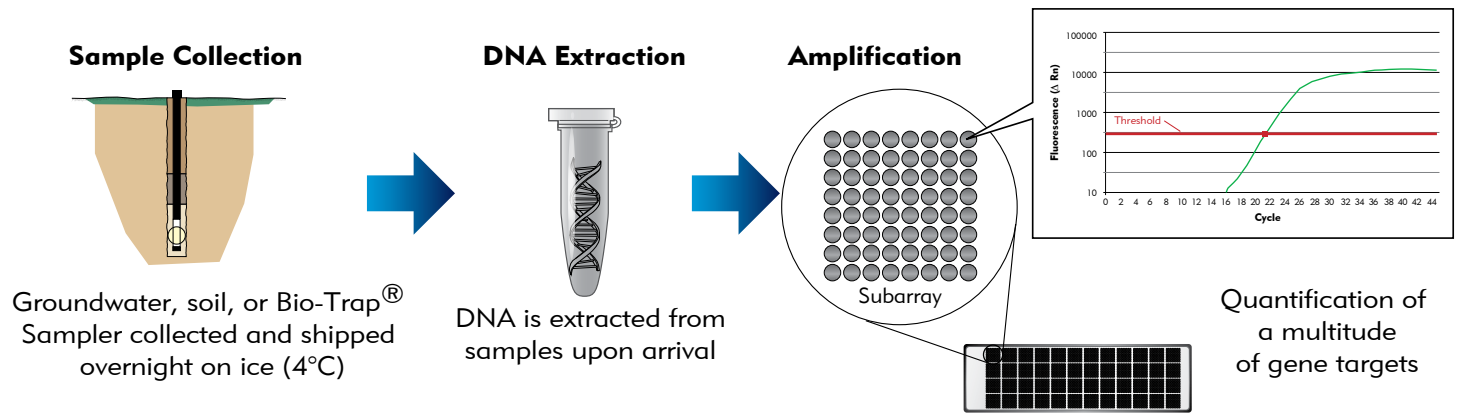
**How does it work?**

The QuantArray is a hybrid technology combining the highly parallel detection of DNA microarrays with the accurate and precise quantification of qPCR into a single platform. The key to the approach is nanoliter fluidics for low volume, solution phase qPCR allowing simultaneous quantification of different gene targets and therefore more comprehensive site assessment.

In many other respects, the QuantArray is the same as conventional qPCR with TaqMan® probes so you can expect the same level of accuracy and precision. qPCR is a process whereby many copies of a specific gene are generated. The gene copied during the process (target gene) is determined by short segments of DNA called “primers”

and a TaqMan® “probe”. As each gene copy is made, a fluorescent marker is released from the TaqMan® probe, measured, and used to quantify the number of target genes present in the sample.

Other methods like multiplex qPCR have been described that achieve some level of parallel quantification. There is a fundamental difference between the QuantArray and multiplex qPCR however. For multiplex qPCR, multiple primer sets are added to a reaction mixture to quantify multiple gene targets. Unlike multiplex qPCR, the QuantArray employs discrete through-holes for individual qPCR reactions ensuring that reaction kinetics are not compromised.



Quantification of a broad spectrum of different microorganisms and key functional genes responsible for various biodegradation pathways critical for site remediation.

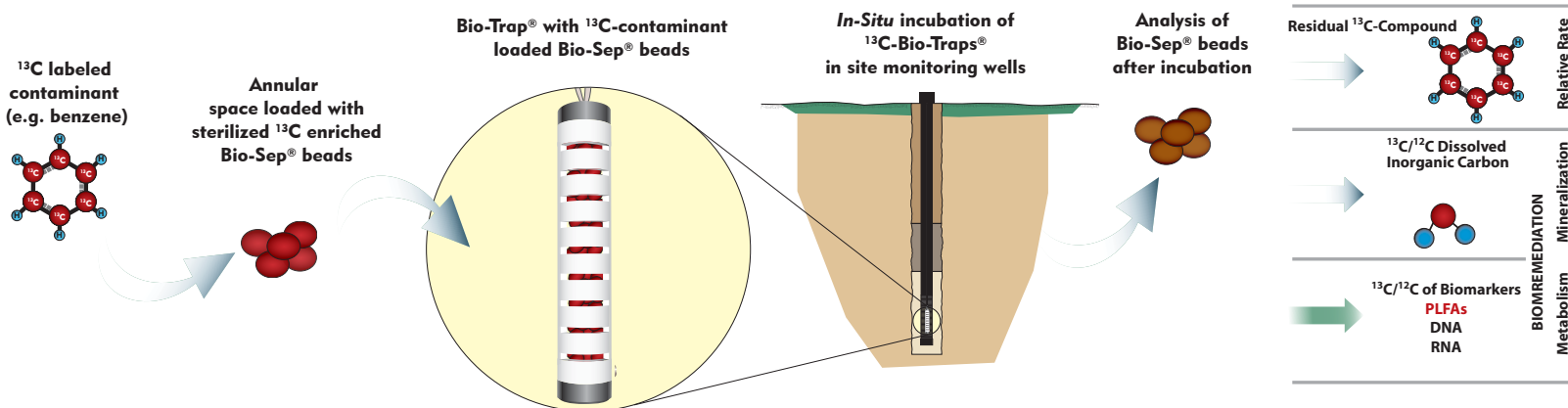
QuantArray results are integrated with other site parameters to optimize site management



MOLECULAR BIOLOGICAL TOOL

The big question—Is biodegradation occurring at the site?

**Stable Isotope Probing (SIP)** is an innovative method to track the environmental fate of a “ $^{13}\text{C}$ -labeled” contaminant of concern to unambiguously demonstrate biodegradation. The label serves as a tracer which can be detected in the end products of biodegradation (new biomass and  $\text{CO}_2$  or dissolved inorganic carbon).



## SIP Applications

- **Assessing monitored natural attenuation (MNA)**—Incorporation of the  $^{13}\text{C}$  label into biomass and dissolved inorganic carbon (DIC) conclusively demonstrates that biodegradation of the contaminant is occurring in situ.
- **Evaluating enhanced bioremediation**—Greater levels of  $^{13}\text{C}$  incorporation into biomass and DIC relative to a control demonstrate that the addition of the amendment (electron acceptor, nutrients, etc.) promoted biodegradation.

## How does SIP work?

- Bio-Traps® are “baited” with a specially synthesized form of the contaminant containing “heavy” carbon ( $^{13}\text{C}$ ) as the label.

- Since  $^{13}\text{C}$  is rare, carbon originating from the labeled contaminant is readily distinguished from carbon (predominantly  $^{12}\text{C}$ ) from other sources.
- Bio-Traps® are deployed in a monitoring well and the  $^{13}\text{C}$  labeled contaminant is subject to the same physical, chemical, and microbiological processes as the site contaminants.
- Following in-well deployment, the Bio-Traps® are recovered and two methods are used to document in situ biodegradation of the contaminant.

**Phospholipid Fatty Acids (PLFA)**—PLFA are a major component in the membranes of all microbes, thus, incorporation of the  $^{13}\text{C}$  label into PLFA unequivocally shows incorporation of the contaminant into biomass.

**Dissolved Inorganic Carbon (DIC)**—Enrichment of  $^{13}\text{C}$  labeled DIC ( $\text{CO}_2$  and carbonates) demonstrates contaminant mineralization.

SIP studies can be performed for any compound that microbes use as a carbon source. Some of the more common include:

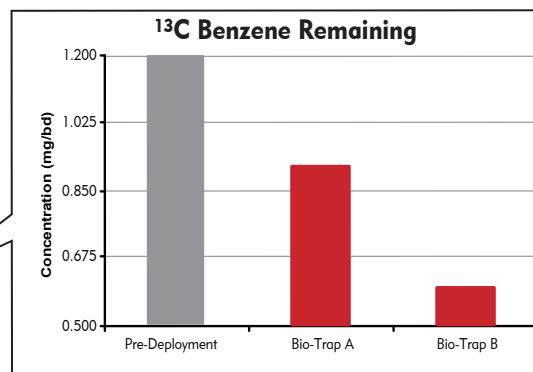
- Benzene
- MTBE (methyl tert-butyl ether)
- TBA (tert-butyl alcohol)
- Chlorobenzene
- Toluene
- Xylenes
- Naphthalene
- **and more!**

## Example Stable Isotope Probing (SIP) Results

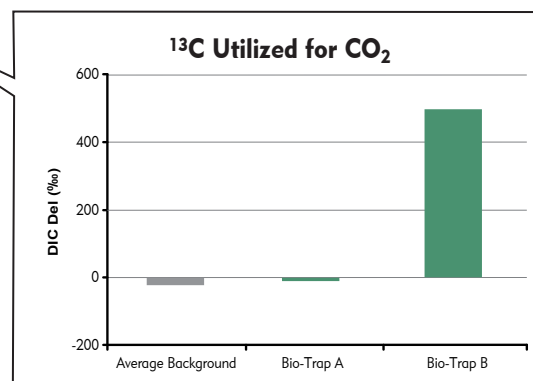
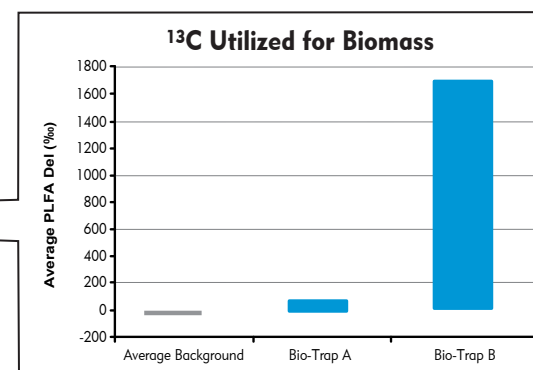
Probably the most common application of the SIP method is demonstrating that biodegradation of a particular contaminant is occurring in situ under monitored natural attenuation (MNA) conditions. In this example, Bio-Trap A and Bio-Trap B were baited with  $^{13}\text{C}$  labeled benzene and deployed in existing monitoring wells representing different zones of the dissolved plume.

### Question: Is benzene biodegradation occurring?

Sample Name	Bio-Trap A	Bio-Trap B
<b><math>^{13}\text{C}</math> Contaminant Loss</b>		
Benzene Pre-deployment (mg/bd)	1.2	1.2
Benzene Post-deployment (mg/bd)	0.9	0.6
% Loss	24%	50%
<b>Biomass &amp; <math>^{13}\text{C}</math> Incorporation</b>		
Total Biomass (Cells/bd)	3.53E+04	1.15E+05
$^{13}\text{C}$ Enriched Biomass (Cells/bd)	6.58E+01	3.30E+03
Average PLFA Del (‰)	76	1,710
Maximum PLFA Del (‰)	122	3,018
<b><math>^{13}\text{C}</math> Mineralization</b>		
DIC Del (‰)	-12	506
% $^{13}\text{C}$	1.09	1.66



Comparison of Pre- and Post- Deployment  $^{13}\text{C}$  benzene concentrations are used to document loss of the contaminant.



Although  $^{13}\text{C}$  incorporation into biomass demonstrated that benzene biodegradation was occurring at both locations, contaminant incorporation into biomass was substantially greater in Bio-Trap B which was consistent with a greater decrease in benzene concentration.

**Answer: Yes, benzene biodegradation is occurring.**

Similarly, incorporation of  $^{13}\text{C}$  into DIC was moderate in Bio-Trap B while only minor mineralization was observed in Bio-Trap A.

**What is a Del (‰) Value?** The del value represents the isotopic ratio ( $^{13}\text{C}/^{12}\text{C}$ ) of the sample compared to a standard. When biodegradation of the  $^{13}\text{C}$  labeled contaminant is occurring, the  $^{13}\text{C}/^{12}\text{C}$  ratio and thus the del value of the PLFA biomass and DIC will increase above background values.

## **ATTACHMENT 4 - Microbial Insights Sampling Guidance**

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## SAMPLING INSTRUCTIONS

### Handling:

- Bio-Trap Samplers used for Stable Isotope Probing (SIP) are baited with <sup>13</sup>C-labeled contaminant of interest (e.g. benzene, MTBE, chlorobenzene) adsorbed onto the powder activated carbon (PAC). Controlled laboratory conditions show only minimal loss of contaminant due to volatilization. However, special considerations must be taken into account when handling SIP Bio-Trap Samplers in order to reduce the risk of volatilization.
- SIP Bio-Trap Samplers are shipped out chilled, on blue ice, and it is essential that they should be kept cool (not frozen) until deployment.
- When retrieving the Bio-Trap Samplers that have been deployed in the field, they should immediately be placed on ice and shipped on ice for next day delivery. These steps will ensure the most accurate results.
- Although the contaminant is absorbed onto the beads, caution should be used in handling these Bio-Trap Samplers because the contaminant compounds are associated with possible health and safety risks.

**Note:** Clean latex gloves (or similar) should be used at all times when handling the Bio-Trap Samplers.

### Storage:

It is important to minimize the amount of time that Bio-Trap Samplers are stored prior to being installed in the field. The physical properties of the Bio-Trap Samplers that make them an ideal medium for collecting microbes also increase the chances of microbial or chemical contamination. Bio-Trap Samplers need to remain sealed and refrigerated (not frozen) until they can be installed in the field.

### Installation:

- Prior to installing Bio-Trap Sampler, the monitoring well may need to be purged if it has not been sampled in a while. If purging is necessary, MI recommends that three well volumes be removed to ensure contact with formation water and reduce well bore effect.
- Attach the Bio-Trap Sampler's nylon loop (provided) to a nylon line (not provided) and suspend Bio-Trap Sampler at a depth where significant contaminant concentrations exist. If no data are available on the vertical distribution of contaminants, then suspend the Bio-Trap Sampler in the middle of the saturated screened interval.
- If large fluctuations in the water level are anticipated during the period of incubation, the Bio-Trap Sampler should be suspended from a float (contact MI for further details). Be sure not to suspend the bio-trap in the NAPL zone.
- Once installed, incubation times can vary depending upon the scope of the project. A typical Stable Isotope Probing (SIP) study incubation period is 30 days but is project dependant. Please contact us if you have questions regarding the optimum deployment period for your samples.

### Retrieval:

- Open the monitoring well and pull up the Bio-Trap Sampler. Cut and remove the braided nylon line used to suspend the Bio-Trap Sampler.
- Transfer the recovered Bio-Trap Sampler to labeled (well number and date) zippered bags, seal and then double bag in a larger (one-gallon) zippered bag, immediately place on blue ice in a cooler.
- Repeat above for all the Bio-Trap Samplers from the site.
- A chain of custody (COC) form must be included with each shipment of samples.
- In order to minimize the potential effect of these samplers on the monitoring well, MI recommends purging three well volumes from the test well following the retrieval of the SIP Bio-Trap Samplers.

**Hold time for this analysis is 24-48 hours.**

## SHIPPING INSTRUCTIONS

### Packaging Samples:

1. Samples should be shipped in a cooler with ice or blue ice for next day delivery. If regular ice is used, the ice should be double bagged.
2. A chain of custody form must be included with each shipment of samples. Access our chain of custody at [www.microbe.com](http://www.microbe.com).

### Shipment for Weekday Delivery:

Samples for weekday delivery should be shipped to: Sample Custodian  
Microbial Insights, Inc.  
10515 Research Drive  
Knoxville, TN 37932  
(865) 573-8188

**Shipment for Saturday Delivery:**

**Note:** Microbial Insights, Inc is **closed** on Sunday, however we can receive samples on Saturday. Please contact us prior to shipping if the delivery of the samples is going to be on a Saturday.

Samples for **Saturday delivery** should be shipped to:

Microbial Insights, Inc.  
FedEx Drop Location  
10601 Murdock Drive  
Knoxville, TN 37932  
(865) 573-8188

**Notes:**

- **Stable Isotope Probing (SIP) may preclude subsequent Compound Specific Isotope Analysis (CSIA) in the study well for a period of time. CSIA can be performed prior to SIP or at another location.**

## SAMPLING INSTRUCTIONS

The recommended sampling container is a 1L Poly bottle with a screw cap. Amber glass bottles can be used but are not recommended due to the likelihood of breakage during shipment. Microbial Insights, Inc. can provide the proper sampling supplies upon request.

Once the proper sampling bottle is obtained be sure not to contaminate the inside of the sample bottle with skin, dirt or any form of debris (this helps to ensure the accuracy of the data results). Wearing latex gloves (or similar) is recommended when sampling.

The required volume of water to conduct DNA based analyses from groundwater samples is 1L.

\* Note: It is important to collect as close to the required amounts as possible to ensure the ability to properly conduct the analysis requested.

**Hold time is 24-48 hours for this analysis.**

### To Submit Sample:

1. Once the required amount of groundwater has been collected into the proper sampling container, seal the container tightly with a screw cap lid.
2. Properly affix a label with the sample name, date and analysis.
3. Be sure to fill out the Chain of Custody (COC) form correctly and accurately and ship it along with the samples. A COC form is required for QA/QC purposes.
4. Once the bottles have been correctly labeled, place them in the designated cooler. Be sure to fill the remaining space in the cooler with blue ice or regular ice that has been double bagged in Ziploc bags. Use sufficient ice to keep the entire shipment around 4°C, especially during the summer months.
5. All paperwork to be sent with the samples should be placed within a waterproof pouch or Ziploc bag and placed on top of the samples or affixed to the inside lid of the cooler.
6. Seal the cooler lid with a strong packaging tape.

## SHIPPING INSTRUCTIONS

### Packaging Samples:

1. Samples should be shipped in a cooler with ice or blue ice for next day delivery. If regular ice is used, the ice should be double bagged.
2. A chain of custody form must be included with each shipment of samples. Access our chain of custody at [www.microbe.com](http://www.microbe.com).

### Shipment for Weekday Delivery:

Samples for weekday delivery should be shipped to:

Sample Custodian  
Microbial Insights, Inc.  
10515 Research Drive  
Knoxville, TN 37932  
(865) 573-8188

### Shipment for Saturday Delivery:

Coolers to be delivered on Saturday must be sent to our **FedEx Drop Location**. To ensure proper handling the following steps must be taken:

1. FedEx shipping label should be marked under (6) Special Handling, check Hold Saturday,
2. The cooler must be taped with FedEx SATURDAY tape.
3. The shipping label must be filled out with the Drop Location address below. Our laboratory name must be on the address label.
4. You **MUST notify by email** [customerservice@microbe.com](mailto:customerservice@microbe.com) with the tracking number of the package on Friday (prior to 4pm Eastern Time) to arrange for Saturday pickup. Please make sure you write "Saturday Delivery" in the subject line of the message. **Without proper labeling and the tracking number, there is no guarantee that the samples will be collected.**

Samples for **Saturday delivery** should be shipped to:

Microbial Insights, Inc.  
FedEx Drop Location  
10601 Murdock Drive  
Knoxville, TN 37932  
(865) 573-8188

## SAMPLING INSTRUCTIONS

### Storage:

It is important to minimize the amount of time that Bio-Trap Samplers are stored prior to being installed in the field. The physical properties of the Bio-Trap Samplers that make them an ideal medium for collecting microbes also increase the chances of microbial or chemical contamination. Bio-Trap Samplers need to remain sealed and refrigerated (not frozen) until they can be installed in the field.

**Note:** Clean latex gloves (or similar) should be used at all times when handling Bio-Trap Samplers.

### Installation:

- Prior to installing the Bio-Trap Sampler, the monitoring well may need to be purged if it has not been sampled in a while. If purging is necessary, MI recommends that three well volumes be removed to ensure contact with formation water and reduce well bore effect.
- Attach the Bio-Trap Sampler's nylon loop (provided) to a nylon line (not provided) and suspend the Bio-Trap Sampler at a depth where significant contaminant concentrations exist. If no data is available on the vertical distribution of contaminants, then suspend the Bio-Trap Sampler in the middle of the saturated screened interval.
- If large fluctuations in the water level are anticipated during the period of incubation, the Bio-Trap Sampler should be suspended from a float (contact MI for further details). Be sure not to suspend the Bio-Trap in the NAPL zone.
- Once installed, incubation times can vary depending upon the scope of the project (routine monitoring and stable isotope probing (SIP) - 30 days and "baited" - 60 days).

### Retrieval:

- Open the monitoring well and pull up the Bio-Trap Sampler. Cut and remove the braided nylon line used to suspend the Bio-Trap Sampler.
- Transfer the recovered Bio-Trap Sampler to labeled (well number and date) zippered bags, seal and then double bag in a larger (one-gallon) zippered bag, immediately place on blue ice in a cooler.
- Repeat the above for all Bio-Trap Samplers from the site. Individual zippered bags containing the Bio-Trap Samplers can be placed in the same one-gallon zippered bag (if there is enough space).
- A chain of custody (COC) form must be included with each shipment of samples.

Hold time for this analysis is 24-48 hours.

## SHIPPING INSTRUCTIONS

### Packaging Samples:

1. Samples should be shipped in a cooler with ice or blue ice for next day delivery. If regular ice is used, the ice should be double bagged.
2. A chain of custody form must be included with each shipment of samples. Access our chain of custody at [www.microbe.com](http://www.microbe.com).

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FedEx Drop Location  
10601 Murdock Drive  
Knoxville, TN 37932  
(865) 573-8188





## **ATTACHMENT 5 - Laboratory Reports for Recovery Well Conversion Monitoring**

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## ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC  
2425 New Holland Pike  
Lancaster, PA 17601  
Tel: (717)656-2300

Laboratory Job ID: 410-47718-1  
Client Project/Site: 2-8077 - Phoenix, MD

For:  
Kleinfelder Inc  
1745 Dorsey Road  
Suite J  
Hanover, Maryland 21076

Attn: Mark Schaaf



Authorized for release by:  
7/26/2021 1:03:05 PM

Megan Moeller, Client Services Group Leader  
(717)556-7261  
[Megan.Moeller@eurofinset.com](mailto:Megan.Moeller@eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

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

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



Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
  - Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
  - Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Megan Moeller  
Client Services Group Leader  
7/26/2021 1:03:05 PM



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# Sample Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-47718-1	MW-16	Groundwater	07/14/21 08:00	07/19/21 15:36
410-47718-2	MW-27	Groundwater	07/14/21 08:30	07/19/21 15:36
410-47718-3	MW-54B	Groundwater	07/14/21 11:55	07/19/21 15:36
410-47718-4	MW-82D(HS-S)	Groundwater	07/14/21 12:40	07/19/21 15:36
410-47718-5	MW-82D(HS-M)	Groundwater	07/14/21 12:50	07/19/21 15:36
410-47718-6	MW-82D(HS-D)	Groundwater	07/14/21 13:00	07/19/21 15:36
410-47718-7	MW-181A	Groundwater	07/14/21 10:10	07/19/21 15:36
410-47718-8	MW-7	Groundwater	07/14/21 08:55	07/19/21 15:36
410-47718-9	MW-27B	Groundwater	07/14/21 09:30	07/19/21 15:36

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# Case Narrative

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

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## Job ID: 410-47718-1

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Laboratory: Eurofins Lancaster Laboratories Env, LLC

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### Narrative

#### Job Narrative 410-47718-1

#### Receipt

The samples were received on 7/19/2021 3:36 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C

#### Receipt Exceptions

A trip blank was not submitted for analysis with this sample shipment; and was not listed on the Chain of Custody (COC).

#### GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 410-152500 recovered above the upper control limit for Dichlorodifluoromethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

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



# Detection Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

## Client Sample ID: MW-16

Lab Sample ID: 410-47718-1

No Detections.

## Client Sample ID: MW-27

Lab Sample ID: 410-47718-2

No Detections.

## Client Sample ID: MW-54B

Lab Sample ID: 410-47718-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
di-Isopropyl ether	1.3		1.0	0.30	ug/L	1		8260C	Total/NA
Ethyl t-butyl ether	3.5		1.0	0.30	ug/L	1		8260C	Total/NA
Methyl tertiary butyl ether	4.3		1.0	0.20	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-82D(HS-S)

Lab Sample ID: 410-47718-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	3.9	J	10	0.50	ug/L	1		8260C	Total/NA
Acetone	23		20	0.70	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-82D(HS-M)

Lab Sample ID: 410-47718-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	4.0	J	10	0.50	ug/L	1		8260C	Total/NA
Acetone	24		20	0.70	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-82D(HS-D)

Lab Sample ID: 410-47718-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	3.8	J	10	0.50	ug/L	1		8260C	Total/NA
Acetone	24		20	0.70	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-181A

Lab Sample ID: 410-47718-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tertiary butyl ether	6.9		1.0	0.20	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-7

Lab Sample ID: 410-47718-8

No Detections.

## Client Sample ID: MW-27B

Lab Sample ID: 410-47718-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	3.5	J	10	0.50	ug/L	1		8260C	Total/NA
Acetone	13	J	20	0.70	ug/L	1		8260C	Total/NA
Methyl tertiary butyl ether	1.1		1.0	0.20	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-16**

**Lab Sample ID: 410-47718-1**

**Date Collected: 07/14/21 08:00**

**Matrix: Groundwater**

**Date Received: 07/19/21 15:36**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 01:28	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 01:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 01:28	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 01:28	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 01:28	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 01:28	1
1,1-Dichloropropene	ND		5.0	0.30	ug/L			07/26/21 01:28	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			07/26/21 01:28	1
1,2,3-Trichloropropane	ND		5.0	0.30	ug/L			07/26/21 01:28	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 01:28	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			07/26/21 01:28	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			07/26/21 01:28	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			07/26/21 01:28	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			07/26/21 01:28	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 01:28	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 01:28	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			07/26/21 01:28	1
1,3-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 01:28	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 01:28	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 01:28	1
2,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 01:28	1
2-Butanone	ND		10	0.50	ug/L			07/26/21 01:28	1
2-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 01:28	1
2-Hexanone	ND		10	0.40	ug/L			07/26/21 01:28	1
4-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 01:28	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			07/26/21 01:28	1
Acetone	ND		20	0.70	ug/L			07/26/21 01:28	1
Benzene	ND		1.0	0.30	ug/L			07/26/21 01:28	1
Bromobenzene	ND		5.0	0.30	ug/L			07/26/21 01:28	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/26/21 01:28	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/26/21 01:28	1
Bromoform	ND		4.0	1.0	ug/L			07/26/21 01:28	1
Bromomethane	ND		1.0	0.30	ug/L			07/26/21 01:28	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/26/21 01:28	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/26/21 01:28	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/26/21 01:28	1
Chloroethane	ND		1.0	0.20	ug/L			07/26/21 01:28	1
Chloroform	ND		1.0	0.30	ug/L			07/26/21 01:28	1
Chloromethane	ND		1.0	0.20	ug/L			07/26/21 01:28	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 01:28	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 01:28	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/26/21 01:28	1
Dibromomethane	ND		1.0	0.30	ug/L			07/26/21 01:28	1
Dichlorodifluoromethane	ND	*+	1.0	0.20	ug/L			07/26/21 01:28	1
di-Isopropyl ether	ND		1.0	0.30	ug/L			07/26/21 01:28	1
Ethyl t-butyl ether	ND		1.0	0.30	ug/L			07/26/21 01:28	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/26/21 01:28	1
Hexachlorobutadiene	ND		5.0	2.0	ug/L			07/26/21 01:28	1
Isopropylbenzene	ND		5.0	0.20	ug/L			07/26/21 01:28	1



# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-16**

**Lab Sample ID: 410-47718-1**

**Date Collected: 07/14/21 08:00**

**Matrix: Groundwater**

**Date Received: 07/19/21 15:36**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	2.0	ug/L			07/26/21 01:28	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			07/26/21 01:28	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/26/21 01:28	1
Naphthalene	ND		5.0	1.0	ug/L			07/26/21 01:28	1
n-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 01:28	1
n-Hexane	ND		5.0	2.0	ug/L			07/26/21 01:28	1
N-Propylbenzene	ND		5.0	0.30	ug/L			07/26/21 01:28	1
o-Xylene	ND		1.0	0.40	ug/L			07/26/21 01:28	1
p-Isopropyltoluene	ND		5.0	0.30	ug/L			07/26/21 01:28	1
sec-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 01:28	1
Styrene	ND		5.0	0.30	ug/L			07/26/21 01:28	1
t-Amyl methyl ether	ND		5.0	0.80	ug/L			07/26/21 01:28	1
t-Butyl alcohol	ND		50	12	ug/L			07/26/21 01:28	1
tert-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 01:28	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/26/21 01:28	1
Toluene	ND		1.0	0.20	ug/L			07/26/21 01:28	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 01:28	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 01:28	1
Trichloroethene	ND		1.0	0.30	ug/L			07/26/21 01:28	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			07/26/21 01:28	1
Vinyl chloride	ND		1.0	0.20	ug/L			07/26/21 01:28	1
Xylene (total)	ND		1.0	0.40	ug/L			07/26/21 01:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		80 - 120		07/26/21 01:28	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		07/26/21 01:28	1
Dibromofluoromethane (Surr)	101		80 - 120		07/26/21 01:28	1
Toluene-d8 (Surr)	98		80 - 120		07/26/21 01:28	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-27**

**Lab Sample ID: 410-47718-2**

**Date Collected: 07/14/21 08:30**

**Matrix: Groundwater**

**Date Received: 07/19/21 15:36**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 01:48	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 01:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 01:48	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 01:48	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 01:48	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 01:48	1
1,1-Dichloropropene	ND		5.0	0.30	ug/L			07/26/21 01:48	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			07/26/21 01:48	1
1,2,3-Trichloropropane	ND		5.0	0.30	ug/L			07/26/21 01:48	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 01:48	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			07/26/21 01:48	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			07/26/21 01:48	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			07/26/21 01:48	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			07/26/21 01:48	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 01:48	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 01:48	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			07/26/21 01:48	1
1,3-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 01:48	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 01:48	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 01:48	1
2,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 01:48	1
2-Butanone	ND		10	0.50	ug/L			07/26/21 01:48	1
2-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 01:48	1
2-Hexanone	ND		10	0.40	ug/L			07/26/21 01:48	1
4-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 01:48	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			07/26/21 01:48	1
Acetone	ND		20	0.70	ug/L			07/26/21 01:48	1
Benzene	ND		1.0	0.30	ug/L			07/26/21 01:48	1
Bromobenzene	ND		5.0	0.30	ug/L			07/26/21 01:48	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/26/21 01:48	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/26/21 01:48	1
Bromoform	ND		4.0	1.0	ug/L			07/26/21 01:48	1
Bromomethane	ND		1.0	0.30	ug/L			07/26/21 01:48	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/26/21 01:48	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/26/21 01:48	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/26/21 01:48	1
Chloroethane	ND		1.0	0.20	ug/L			07/26/21 01:48	1
Chloroform	ND		1.0	0.30	ug/L			07/26/21 01:48	1
Chloromethane	ND		1.0	0.20	ug/L			07/26/21 01:48	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 01:48	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 01:48	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/26/21 01:48	1
Dibromomethane	ND		1.0	0.30	ug/L			07/26/21 01:48	1
Dichlorodifluoromethane	ND	*+	1.0	0.20	ug/L			07/26/21 01:48	1
di-Isopropyl ether	ND		1.0	0.30	ug/L			07/26/21 01:48	1
Ethyl t-butyl ether	ND		1.0	0.30	ug/L			07/26/21 01:48	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/26/21 01:48	1
Hexachlorobutadiene	ND		5.0	2.0	ug/L			07/26/21 01:48	1
Isopropylbenzene	ND		5.0	0.20	ug/L			07/26/21 01:48	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-27**

**Lab Sample ID: 410-47718-2**

Date Collected: 07/14/21 08:30

Matrix: Groundwater

Date Received: 07/19/21 15:36

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	2.0	ug/L			07/26/21 01:48	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			07/26/21 01:48	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/26/21 01:48	1
Naphthalene	ND		5.0	1.0	ug/L			07/26/21 01:48	1
n-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 01:48	1
n-Hexane	ND		5.0	2.0	ug/L			07/26/21 01:48	1
N-Propylbenzene	ND		5.0	0.30	ug/L			07/26/21 01:48	1
o-Xylene	ND		1.0	0.40	ug/L			07/26/21 01:48	1
p-Isopropyltoluene	ND		5.0	0.30	ug/L			07/26/21 01:48	1
sec-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 01:48	1
Styrene	ND		5.0	0.30	ug/L			07/26/21 01:48	1
t-Amyl methyl ether	ND		5.0	0.80	ug/L			07/26/21 01:48	1
t-Butyl alcohol	ND		50	12	ug/L			07/26/21 01:48	1
tert-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 01:48	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/26/21 01:48	1
Toluene	ND		1.0	0.20	ug/L			07/26/21 01:48	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 01:48	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 01:48	1
Trichloroethene	ND		1.0	0.30	ug/L			07/26/21 01:48	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			07/26/21 01:48	1
Vinyl chloride	ND		1.0	0.20	ug/L			07/26/21 01:48	1
Xylene (total)	ND		1.0	0.40	ug/L			07/26/21 01:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		80 - 120		07/26/21 01:48	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		07/26/21 01:48	1
Dibromofluoromethane (Surr)	101		80 - 120		07/26/21 01:48	1
Toluene-d8 (Surr)	99		80 - 120		07/26/21 01:48	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-54B**

**Lab Sample ID: 410-47718-3**

Date Collected: 07/14/21 11:55

Matrix: Groundwater

Date Received: 07/19/21 15:36

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 02:09	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 02:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 02:09	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 02:09	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 02:09	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 02:09	1
1,1-Dichloropropene	ND		5.0	0.30	ug/L			07/26/21 02:09	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			07/26/21 02:09	1
1,2,3-Trichloropropane	ND		5.0	0.30	ug/L			07/26/21 02:09	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 02:09	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			07/26/21 02:09	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			07/26/21 02:09	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			07/26/21 02:09	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			07/26/21 02:09	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 02:09	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 02:09	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			07/26/21 02:09	1
1,3-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 02:09	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 02:09	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 02:09	1
2,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 02:09	1
2-Butanone	ND		10	0.50	ug/L			07/26/21 02:09	1
2-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 02:09	1
2-Hexanone	ND		10	0.40	ug/L			07/26/21 02:09	1
4-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 02:09	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			07/26/21 02:09	1
Acetone	ND		20	0.70	ug/L			07/26/21 02:09	1
Benzene	ND		1.0	0.30	ug/L			07/26/21 02:09	1
Bromobenzene	ND		5.0	0.30	ug/L			07/26/21 02:09	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/26/21 02:09	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/26/21 02:09	1
Bromoform	ND		4.0	1.0	ug/L			07/26/21 02:09	1
Bromomethane	ND		1.0	0.30	ug/L			07/26/21 02:09	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/26/21 02:09	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/26/21 02:09	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/26/21 02:09	1
Chloroethane	ND		1.0	0.20	ug/L			07/26/21 02:09	1
Chloroform	ND		1.0	0.30	ug/L			07/26/21 02:09	1
Chloromethane	ND		1.0	0.20	ug/L			07/26/21 02:09	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 02:09	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 02:09	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/26/21 02:09	1
Dibromomethane	ND		1.0	0.30	ug/L			07/26/21 02:09	1
Dichlorodifluoromethane	ND	*+	1.0	0.20	ug/L			07/26/21 02:09	1
<b>di-Isopropyl ether</b>	<b>1.3</b>		1.0	0.30	ug/L			07/26/21 02:09	1
<b>Ethyl t-butyl ether</b>	<b>3.5</b>		1.0	0.30	ug/L			07/26/21 02:09	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/26/21 02:09	1
Hexachlorobutadiene	ND		5.0	2.0	ug/L			07/26/21 02:09	1
Isopropylbenzene	ND		5.0	0.20	ug/L			07/26/21 02:09	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-54B**

**Lab Sample ID: 410-47718-3**

Date Collected: 07/14/21 11:55

Matrix: Groundwater

Date Received: 07/19/21 15:36

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	2.0	ug/L			07/26/21 02:09	1
<b>Methyl tertiary butyl ether</b>	<b>4.3</b>		1.0	0.20	ug/L			07/26/21 02:09	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/26/21 02:09	1
Naphthalene	ND		5.0	1.0	ug/L			07/26/21 02:09	1
n-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 02:09	1
n-Hexane	ND		5.0	2.0	ug/L			07/26/21 02:09	1
N-Propylbenzene	ND		5.0	0.30	ug/L			07/26/21 02:09	1
o-Xylene	ND		1.0	0.40	ug/L			07/26/21 02:09	1
p-Isopropyltoluene	ND		5.0	0.30	ug/L			07/26/21 02:09	1
sec-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 02:09	1
Styrene	ND		5.0	0.30	ug/L			07/26/21 02:09	1
t-Amyl methyl ether	ND		5.0	0.80	ug/L			07/26/21 02:09	1
t-Butyl alcohol	ND		50	12	ug/L			07/26/21 02:09	1
tert-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 02:09	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/26/21 02:09	1
Toluene	ND		1.0	0.20	ug/L			07/26/21 02:09	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 02:09	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 02:09	1
Trichloroethene	ND		1.0	0.30	ug/L			07/26/21 02:09	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			07/26/21 02:09	1
Vinyl chloride	ND		1.0	0.20	ug/L			07/26/21 02:09	1
Xylene (total)	ND		1.0	0.40	ug/L			07/26/21 02:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		80 - 120		07/26/21 02:09	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		07/26/21 02:09	1
Dibromofluoromethane (Surr)	102		80 - 120		07/26/21 02:09	1
Toluene-d8 (Surr)	99		80 - 120		07/26/21 02:09	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-82D(HS-S)**

**Lab Sample ID: 410-47718-4**

Date Collected: 07/14/21 12:40

Matrix: Groundwater

Date Received: 07/19/21 15:36

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 02:29	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 02:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 02:29	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 02:29	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 02:29	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 02:29	1
1,1-Dichloropropene	ND		5.0	0.30	ug/L			07/26/21 02:29	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			07/26/21 02:29	1
1,2,3-Trichloropropane	ND		5.0	0.30	ug/L			07/26/21 02:29	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 02:29	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			07/26/21 02:29	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			07/26/21 02:29	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			07/26/21 02:29	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			07/26/21 02:29	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 02:29	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 02:29	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			07/26/21 02:29	1
1,3-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 02:29	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 02:29	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 02:29	1
2,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 02:29	1
<b>2-Butanone</b>	<b>3.9</b>	<b>J</b>	10	0.50	ug/L			07/26/21 02:29	1
2-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 02:29	1
2-Hexanone	ND		10	0.40	ug/L			07/26/21 02:29	1
4-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 02:29	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			07/26/21 02:29	1
<b>Acetone</b>	<b>23</b>		20	0.70	ug/L			07/26/21 02:29	1
Benzene	ND		1.0	0.30	ug/L			07/26/21 02:29	1
Bromobenzene	ND		5.0	0.30	ug/L			07/26/21 02:29	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/26/21 02:29	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/26/21 02:29	1
Bromoform	ND		4.0	1.0	ug/L			07/26/21 02:29	1
Bromomethane	ND		1.0	0.30	ug/L			07/26/21 02:29	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/26/21 02:29	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/26/21 02:29	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/26/21 02:29	1
Chloroethane	ND		1.0	0.20	ug/L			07/26/21 02:29	1
Chloroform	ND		1.0	0.30	ug/L			07/26/21 02:29	1
Chloromethane	ND		1.0	0.20	ug/L			07/26/21 02:29	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 02:29	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 02:29	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/26/21 02:29	1
Dibromomethane	ND		1.0	0.30	ug/L			07/26/21 02:29	1
Dichlorodifluoromethane	ND	*+	1.0	0.20	ug/L			07/26/21 02:29	1
di-Isopropyl ether	ND		1.0	0.30	ug/L			07/26/21 02:29	1
Ethyl t-butyl ether	ND		1.0	0.30	ug/L			07/26/21 02:29	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/26/21 02:29	1
Hexachlorobutadiene	ND		5.0	2.0	ug/L			07/26/21 02:29	1
Isopropylbenzene	ND		5.0	0.20	ug/L			07/26/21 02:29	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-82D(HS-S)**

**Lab Sample ID: 410-47718-4**

Date Collected: 07/14/21 12:40

Matrix: Groundwater

Date Received: 07/19/21 15:36

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	2.0	ug/L			07/26/21 02:29	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			07/26/21 02:29	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/26/21 02:29	1
Naphthalene	ND		5.0	1.0	ug/L			07/26/21 02:29	1
n-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 02:29	1
n-Hexane	ND		5.0	2.0	ug/L			07/26/21 02:29	1
N-Propylbenzene	ND		5.0	0.30	ug/L			07/26/21 02:29	1
o-Xylene	ND		1.0	0.40	ug/L			07/26/21 02:29	1
p-Isopropyltoluene	ND		5.0	0.30	ug/L			07/26/21 02:29	1
sec-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 02:29	1
Styrene	ND		5.0	0.30	ug/L			07/26/21 02:29	1
t-Amyl methyl ether	ND		5.0	0.80	ug/L			07/26/21 02:29	1
t-Butyl alcohol	ND		50	12	ug/L			07/26/21 02:29	1
tert-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 02:29	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/26/21 02:29	1
Toluene	ND		1.0	0.20	ug/L			07/26/21 02:29	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 02:29	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 02:29	1
Trichloroethene	ND		1.0	0.30	ug/L			07/26/21 02:29	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			07/26/21 02:29	1
Vinyl chloride	ND		1.0	0.20	ug/L			07/26/21 02:29	1
Xylene (total)	ND		1.0	0.40	ug/L			07/26/21 02:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		80 - 120		07/26/21 02:29	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		07/26/21 02:29	1
Dibromofluoromethane (Surr)	103		80 - 120		07/26/21 02:29	1
Toluene-d8 (Surr)	99		80 - 120		07/26/21 02:29	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-82D(HS-M)**

**Lab Sample ID: 410-47718-5**

Date Collected: 07/14/21 12:50

Matrix: Groundwater

Date Received: 07/19/21 15:36

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 02:49	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 02:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 02:49	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 02:49	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 02:49	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 02:49	1
1,1-Dichloropropene	ND		5.0	0.30	ug/L			07/26/21 02:49	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			07/26/21 02:49	1
1,2,3-Trichloropropane	ND		5.0	0.30	ug/L			07/26/21 02:49	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 02:49	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			07/26/21 02:49	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			07/26/21 02:49	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			07/26/21 02:49	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			07/26/21 02:49	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 02:49	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 02:49	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			07/26/21 02:49	1
1,3-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 02:49	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 02:49	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 02:49	1
2,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 02:49	1
<b>2-Butanone</b>	<b>4.0</b>	<b>J</b>	10	0.50	ug/L			07/26/21 02:49	1
2-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 02:49	1
2-Hexanone	ND		10	0.40	ug/L			07/26/21 02:49	1
4-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 02:49	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			07/26/21 02:49	1
<b>Acetone</b>	<b>24</b>		20	0.70	ug/L			07/26/21 02:49	1
Benzene	ND		1.0	0.30	ug/L			07/26/21 02:49	1
Bromobenzene	ND		5.0	0.30	ug/L			07/26/21 02:49	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/26/21 02:49	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/26/21 02:49	1
Bromoform	ND		4.0	1.0	ug/L			07/26/21 02:49	1
Bromomethane	ND		1.0	0.30	ug/L			07/26/21 02:49	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/26/21 02:49	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/26/21 02:49	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/26/21 02:49	1
Chloroethane	ND		1.0	0.20	ug/L			07/26/21 02:49	1
Chloroform	ND		1.0	0.30	ug/L			07/26/21 02:49	1
Chloromethane	ND		1.0	0.20	ug/L			07/26/21 02:49	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 02:49	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 02:49	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/26/21 02:49	1
Dibromomethane	ND		1.0	0.30	ug/L			07/26/21 02:49	1
Dichlorodifluoromethane	ND	*+	1.0	0.20	ug/L			07/26/21 02:49	1
di-Isopropyl ether	ND		1.0	0.30	ug/L			07/26/21 02:49	1
Ethyl t-butyl ether	ND		1.0	0.30	ug/L			07/26/21 02:49	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/26/21 02:49	1
Hexachlorobutadiene	ND		5.0	2.0	ug/L			07/26/21 02:49	1
Isopropylbenzene	ND		5.0	0.20	ug/L			07/26/21 02:49	1



# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-82D(HS-M)**

**Lab Sample ID: 410-47718-5**

Date Collected: 07/14/21 12:50

Matrix: Groundwater

Date Received: 07/19/21 15:36

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	2.0	ug/L			07/26/21 02:49	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			07/26/21 02:49	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/26/21 02:49	1
Naphthalene	ND		5.0	1.0	ug/L			07/26/21 02:49	1
n-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 02:49	1
n-Hexane	ND		5.0	2.0	ug/L			07/26/21 02:49	1
N-Propylbenzene	ND		5.0	0.30	ug/L			07/26/21 02:49	1
o-Xylene	ND		1.0	0.40	ug/L			07/26/21 02:49	1
p-Isopropyltoluene	ND		5.0	0.30	ug/L			07/26/21 02:49	1
sec-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 02:49	1
Styrene	ND		5.0	0.30	ug/L			07/26/21 02:49	1
t-Amyl methyl ether	ND		5.0	0.80	ug/L			07/26/21 02:49	1
t-Butyl alcohol	ND		50	12	ug/L			07/26/21 02:49	1
tert-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 02:49	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/26/21 02:49	1
Toluene	ND		1.0	0.20	ug/L			07/26/21 02:49	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 02:49	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 02:49	1
Trichloroethene	ND		1.0	0.30	ug/L			07/26/21 02:49	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			07/26/21 02:49	1
Vinyl chloride	ND		1.0	0.20	ug/L			07/26/21 02:49	1
Xylene (total)	ND		1.0	0.40	ug/L			07/26/21 02:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		80 - 120		07/26/21 02:49	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		07/26/21 02:49	1
Dibromofluoromethane (Surr)	103		80 - 120		07/26/21 02:49	1
Toluene-d8 (Surr)	99		80 - 120		07/26/21 02:49	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-82D(HS-D)**

**Lab Sample ID: 410-47718-6**

Date Collected: 07/14/21 13:00

Matrix: Groundwater

Date Received: 07/19/21 15:36

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 03:10	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 03:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 03:10	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 03:10	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 03:10	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 03:10	1
1,1-Dichloropropene	ND		5.0	0.30	ug/L			07/26/21 03:10	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			07/26/21 03:10	1
1,2,3-Trichloropropane	ND		5.0	0.30	ug/L			07/26/21 03:10	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 03:10	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			07/26/21 03:10	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			07/26/21 03:10	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			07/26/21 03:10	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			07/26/21 03:10	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 03:10	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 03:10	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			07/26/21 03:10	1
1,3-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 03:10	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 03:10	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 03:10	1
2,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 03:10	1
<b>2-Butanone</b>	<b>3.8</b>	<b>J</b>	10	0.50	ug/L			07/26/21 03:10	1
2-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 03:10	1
2-Hexanone	ND		10	0.40	ug/L			07/26/21 03:10	1
4-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 03:10	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			07/26/21 03:10	1
<b>Acetone</b>	<b>24</b>		20	0.70	ug/L			07/26/21 03:10	1
Benzene	ND		1.0	0.30	ug/L			07/26/21 03:10	1
Bromobenzene	ND		5.0	0.30	ug/L			07/26/21 03:10	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/26/21 03:10	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/26/21 03:10	1
Bromoform	ND		4.0	1.0	ug/L			07/26/21 03:10	1
Bromomethane	ND		1.0	0.30	ug/L			07/26/21 03:10	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/26/21 03:10	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/26/21 03:10	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/26/21 03:10	1
Chloroethane	ND		1.0	0.20	ug/L			07/26/21 03:10	1
Chloroform	ND		1.0	0.30	ug/L			07/26/21 03:10	1
Chloromethane	ND		1.0	0.20	ug/L			07/26/21 03:10	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 03:10	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 03:10	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/26/21 03:10	1
Dibromomethane	ND		1.0	0.30	ug/L			07/26/21 03:10	1
Dichlorodifluoromethane	ND	*+	1.0	0.20	ug/L			07/26/21 03:10	1
di-Isopropyl ether	ND		1.0	0.30	ug/L			07/26/21 03:10	1
Ethyl t-butyl ether	ND		1.0	0.30	ug/L			07/26/21 03:10	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/26/21 03:10	1
Hexachlorobutadiene	ND		5.0	2.0	ug/L			07/26/21 03:10	1
Isopropylbenzene	ND		5.0	0.20	ug/L			07/26/21 03:10	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-82D(HS-D)**

**Lab Sample ID: 410-47718-6**

Date Collected: 07/14/21 13:00

Matrix: Groundwater

Date Received: 07/19/21 15:36

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	2.0	ug/L			07/26/21 03:10	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			07/26/21 03:10	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/26/21 03:10	1
Naphthalene	ND		5.0	1.0	ug/L			07/26/21 03:10	1
n-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 03:10	1
n-Hexane	ND		5.0	2.0	ug/L			07/26/21 03:10	1
N-Propylbenzene	ND		5.0	0.30	ug/L			07/26/21 03:10	1
o-Xylene	ND		1.0	0.40	ug/L			07/26/21 03:10	1
p-Isopropyltoluene	ND		5.0	0.30	ug/L			07/26/21 03:10	1
sec-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 03:10	1
Styrene	ND		5.0	0.30	ug/L			07/26/21 03:10	1
t-Amyl methyl ether	ND		5.0	0.80	ug/L			07/26/21 03:10	1
t-Butyl alcohol	ND		50	12	ug/L			07/26/21 03:10	1
tert-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 03:10	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/26/21 03:10	1
Toluene	ND		1.0	0.20	ug/L			07/26/21 03:10	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 03:10	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 03:10	1
Trichloroethene	ND		1.0	0.30	ug/L			07/26/21 03:10	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			07/26/21 03:10	1
Vinyl chloride	ND		1.0	0.20	ug/L			07/26/21 03:10	1
Xylene (total)	ND		1.0	0.40	ug/L			07/26/21 03:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		80 - 120					07/26/21 03:10	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120					07/26/21 03:10	1
Dibromofluoromethane (Surr)	102		80 - 120					07/26/21 03:10	1
Toluene-d8 (Surr)	98		80 - 120					07/26/21 03:10	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-181A**

**Lab Sample ID: 410-47718-7**

Date Collected: 07/14/21 10:10

Matrix: Groundwater

Date Received: 07/19/21 15:36

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 03:30	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 03:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 03:30	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 03:30	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 03:30	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 03:30	1
1,1-Dichloropropene	ND		5.0	0.30	ug/L			07/26/21 03:30	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			07/26/21 03:30	1
1,2,3-Trichloropropane	ND		5.0	0.30	ug/L			07/26/21 03:30	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 03:30	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			07/26/21 03:30	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			07/26/21 03:30	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			07/26/21 03:30	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			07/26/21 03:30	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 03:30	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 03:30	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			07/26/21 03:30	1
1,3-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 03:30	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 03:30	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 03:30	1
2,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 03:30	1
2-Butanone	ND		10	0.50	ug/L			07/26/21 03:30	1
2-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 03:30	1
2-Hexanone	ND		10	0.40	ug/L			07/26/21 03:30	1
4-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 03:30	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			07/26/21 03:30	1
Acetone	ND		20	0.70	ug/L			07/26/21 03:30	1
Benzene	ND		1.0	0.30	ug/L			07/26/21 03:30	1
Bromobenzene	ND		5.0	0.30	ug/L			07/26/21 03:30	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/26/21 03:30	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/26/21 03:30	1
Bromoform	ND		4.0	1.0	ug/L			07/26/21 03:30	1
Bromomethane	ND		1.0	0.30	ug/L			07/26/21 03:30	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/26/21 03:30	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/26/21 03:30	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/26/21 03:30	1
Chloroethane	ND		1.0	0.20	ug/L			07/26/21 03:30	1
Chloroform	ND		1.0	0.30	ug/L			07/26/21 03:30	1
Chloromethane	ND		1.0	0.20	ug/L			07/26/21 03:30	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 03:30	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 03:30	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/26/21 03:30	1
Dibromomethane	ND		1.0	0.30	ug/L			07/26/21 03:30	1
Dichlorodifluoromethane	ND	*+	1.0	0.20	ug/L			07/26/21 03:30	1
di-Isopropyl ether	ND		1.0	0.30	ug/L			07/26/21 03:30	1
Ethyl t-butyl ether	ND		1.0	0.30	ug/L			07/26/21 03:30	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/26/21 03:30	1
Hexachlorobutadiene	ND		5.0	2.0	ug/L			07/26/21 03:30	1
Isopropylbenzene	ND		5.0	0.20	ug/L			07/26/21 03:30	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-181A**

**Lab Sample ID: 410-47718-7**

Date Collected: 07/14/21 10:10

Matrix: Groundwater

Date Received: 07/19/21 15:36

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	2.0	ug/L			07/26/21 03:30	1
<b>Methyl tertiary butyl ether</b>	<b>6.9</b>		1.0	0.20	ug/L			07/26/21 03:30	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/26/21 03:30	1
Naphthalene	ND		5.0	1.0	ug/L			07/26/21 03:30	1
n-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 03:30	1
n-Hexane	ND		5.0	2.0	ug/L			07/26/21 03:30	1
N-Propylbenzene	ND		5.0	0.30	ug/L			07/26/21 03:30	1
o-Xylene	ND		1.0	0.40	ug/L			07/26/21 03:30	1
p-Isopropyltoluene	ND		5.0	0.30	ug/L			07/26/21 03:30	1
sec-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 03:30	1
Styrene	ND		5.0	0.30	ug/L			07/26/21 03:30	1
t-Amyl methyl ether	ND		5.0	0.80	ug/L			07/26/21 03:30	1
t-Butyl alcohol	ND		50	12	ug/L			07/26/21 03:30	1
tert-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 03:30	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/26/21 03:30	1
Toluene	ND		1.0	0.20	ug/L			07/26/21 03:30	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 03:30	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 03:30	1
Trichloroethene	ND		1.0	0.30	ug/L			07/26/21 03:30	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			07/26/21 03:30	1
Vinyl chloride	ND		1.0	0.20	ug/L			07/26/21 03:30	1
Xylene (total)	ND		1.0	0.40	ug/L			07/26/21 03:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		80 - 120		07/26/21 03:30	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		07/26/21 03:30	1
Dibromofluoromethane (Surr)	102		80 - 120		07/26/21 03:30	1
Toluene-d8 (Surr)	97		80 - 120		07/26/21 03:30	1

# Client Sample Results

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-7**

**Lab Sample ID: 410-47718-8**

Date Collected: 07/14/21 08:55

Matrix: Groundwater

Date Received: 07/19/21 15:36

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 03:50	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 03:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 03:50	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 03:50	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 03:50	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 03:50	1
1,1-Dichloropropene	ND		5.0	0.30	ug/L			07/26/21 03:50	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			07/26/21 03:50	1
1,2,3-Trichloropropane	ND		5.0	0.30	ug/L			07/26/21 03:50	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 03:50	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			07/26/21 03:50	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			07/26/21 03:50	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			07/26/21 03:50	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			07/26/21 03:50	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 03:50	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 03:50	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			07/26/21 03:50	1
1,3-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 03:50	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 03:50	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 03:50	1
2,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 03:50	1
2-Butanone	ND		10	0.50	ug/L			07/26/21 03:50	1
2-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 03:50	1
2-Hexanone	ND		10	0.40	ug/L			07/26/21 03:50	1
4-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 03:50	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			07/26/21 03:50	1
Acetone	ND		20	0.70	ug/L			07/26/21 03:50	1
Benzene	ND		1.0	0.30	ug/L			07/26/21 03:50	1
Bromobenzene	ND		5.0	0.30	ug/L			07/26/21 03:50	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/26/21 03:50	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/26/21 03:50	1
Bromoform	ND		4.0	1.0	ug/L			07/26/21 03:50	1
Bromomethane	ND		1.0	0.30	ug/L			07/26/21 03:50	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/26/21 03:50	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/26/21 03:50	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/26/21 03:50	1
Chloroethane	ND		1.0	0.20	ug/L			07/26/21 03:50	1
Chloroform	ND		1.0	0.30	ug/L			07/26/21 03:50	1
Chloromethane	ND		1.0	0.20	ug/L			07/26/21 03:50	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 03:50	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 03:50	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/26/21 03:50	1
Dibromomethane	ND		1.0	0.30	ug/L			07/26/21 03:50	1
Dichlorodifluoromethane	ND	*+	1.0	0.20	ug/L			07/26/21 03:50	1
di-Isopropyl ether	ND		1.0	0.30	ug/L			07/26/21 03:50	1
Ethyl t-butyl ether	ND		1.0	0.30	ug/L			07/26/21 03:50	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/26/21 03:50	1
Hexachlorobutadiene	ND		5.0	2.0	ug/L			07/26/21 03:50	1
Isopropylbenzene	ND		5.0	0.20	ug/L			07/26/21 03:50	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-7**

**Lab Sample ID: 410-47718-8**

**Date Collected: 07/14/21 08:55**

**Matrix: Groundwater**

**Date Received: 07/19/21 15:36**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	2.0	ug/L			07/26/21 03:50	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			07/26/21 03:50	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/26/21 03:50	1
Naphthalene	ND		5.0	1.0	ug/L			07/26/21 03:50	1
n-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 03:50	1
n-Hexane	ND		5.0	2.0	ug/L			07/26/21 03:50	1
N-Propylbenzene	ND		5.0	0.30	ug/L			07/26/21 03:50	1
o-Xylene	ND		1.0	0.40	ug/L			07/26/21 03:50	1
p-Isopropyltoluene	ND		5.0	0.30	ug/L			07/26/21 03:50	1
sec-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 03:50	1
Styrene	ND		5.0	0.30	ug/L			07/26/21 03:50	1
t-Amyl methyl ether	ND		5.0	0.80	ug/L			07/26/21 03:50	1
t-Butyl alcohol	ND		50	12	ug/L			07/26/21 03:50	1
tert-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 03:50	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/26/21 03:50	1
Toluene	ND		1.0	0.20	ug/L			07/26/21 03:50	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 03:50	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 03:50	1
Trichloroethene	ND		1.0	0.30	ug/L			07/26/21 03:50	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			07/26/21 03:50	1
Vinyl chloride	ND		1.0	0.20	ug/L			07/26/21 03:50	1
Xylene (total)	ND		1.0	0.40	ug/L			07/26/21 03:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		80 - 120		07/26/21 03:50	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		07/26/21 03:50	1
Dibromofluoromethane (Surr)	103		80 - 120		07/26/21 03:50	1
Toluene-d8 (Surr)	97		80 - 120		07/26/21 03:50	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-27B**

**Lab Sample ID: 410-47718-9**

Date Collected: 07/14/21 09:30

Matrix: Groundwater

Date Received: 07/19/21 15:36

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 04:11	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 04:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 04:11	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 04:11	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 04:11	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 04:11	1
1,1-Dichloropropene	ND		5.0	0.30	ug/L			07/26/21 04:11	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			07/26/21 04:11	1
1,2,3-Trichloropropane	ND		5.0	0.30	ug/L			07/26/21 04:11	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 04:11	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			07/26/21 04:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			07/26/21 04:11	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			07/26/21 04:11	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			07/26/21 04:11	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 04:11	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 04:11	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			07/26/21 04:11	1
1,3-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 04:11	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 04:11	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 04:11	1
2,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 04:11	1
<b>2-Butanone</b>	<b>3.5</b>	<b>J</b>	10	0.50	ug/L			07/26/21 04:11	1
2-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 04:11	1
2-Hexanone	ND		10	0.40	ug/L			07/26/21 04:11	1
4-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 04:11	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			07/26/21 04:11	1
<b>Acetone</b>	<b>13</b>	<b>J</b>	20	0.70	ug/L			07/26/21 04:11	1
Benzene	ND		1.0	0.30	ug/L			07/26/21 04:11	1
Bromobenzene	ND		5.0	0.30	ug/L			07/26/21 04:11	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/26/21 04:11	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/26/21 04:11	1
Bromoform	ND		4.0	1.0	ug/L			07/26/21 04:11	1
Bromomethane	ND		1.0	0.30	ug/L			07/26/21 04:11	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/26/21 04:11	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/26/21 04:11	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/26/21 04:11	1
Chloroethane	ND		1.0	0.20	ug/L			07/26/21 04:11	1
Chloroform	ND		1.0	0.30	ug/L			07/26/21 04:11	1
Chloromethane	ND		1.0	0.20	ug/L			07/26/21 04:11	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 04:11	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 04:11	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/26/21 04:11	1
Dibromomethane	ND		1.0	0.30	ug/L			07/26/21 04:11	1
Dichlorodifluoromethane	ND	*+	1.0	0.20	ug/L			07/26/21 04:11	1
di-Isopropyl ether	ND		1.0	0.30	ug/L			07/26/21 04:11	1
Ethyl t-butyl ether	ND		1.0	0.30	ug/L			07/26/21 04:11	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/26/21 04:11	1
Hexachlorobutadiene	ND		5.0	2.0	ug/L			07/26/21 04:11	1
Isopropylbenzene	ND		5.0	0.20	ug/L			07/26/21 04:11	1



# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

**Client Sample ID: MW-27B**

**Lab Sample ID: 410-47718-9**

Date Collected: 07/14/21 09:30

Matrix: Groundwater

Date Received: 07/19/21 15:36

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	2.0	ug/L			07/26/21 04:11	1
<b>Methyl tertiary butyl ether</b>	<b>1.1</b>		1.0	0.20	ug/L			07/26/21 04:11	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/26/21 04:11	1
Naphthalene	ND		5.0	1.0	ug/L			07/26/21 04:11	1
n-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 04:11	1
n-Hexane	ND		5.0	2.0	ug/L			07/26/21 04:11	1
N-Propylbenzene	ND		5.0	0.30	ug/L			07/26/21 04:11	1
o-Xylene	ND		1.0	0.40	ug/L			07/26/21 04:11	1
p-Isopropyltoluene	ND		5.0	0.30	ug/L			07/26/21 04:11	1
sec-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 04:11	1
Styrene	ND		5.0	0.30	ug/L			07/26/21 04:11	1
t-Amyl methyl ether	ND		5.0	0.80	ug/L			07/26/21 04:11	1
t-Butyl alcohol	ND		50	12	ug/L			07/26/21 04:11	1
tert-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 04:11	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/26/21 04:11	1
Toluene	ND		1.0	0.20	ug/L			07/26/21 04:11	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 04:11	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 04:11	1
Trichloroethene	ND		1.0	0.30	ug/L			07/26/21 04:11	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			07/26/21 04:11	1
Vinyl chloride	ND		1.0	0.20	ug/L			07/26/21 04:11	1
Xylene (total)	ND		1.0	0.40	ug/L			07/26/21 04:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		80 - 120		07/26/21 04:11	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		07/26/21 04:11	1
Dibromofluoromethane (Surr)	103		80 - 120		07/26/21 04:11	1
Toluene-d8 (Surr)	97		80 - 120		07/26/21 04:11	1

# Surrogate Summary

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Groundwater

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (80-120)	DCA (80-120)	DBFM (80-120)	TOL (80-120)
410-47718-1	MW-16	95	101	101	98
410-47718-2	MW-27	95	100	101	99
410-47718-3	MW-54B	95	101	102	99
410-47718-4	MW-82D(HS-S)	94	101	103	99
410-47718-5	MW-82D(HS-M)	95	104	103	99
410-47718-6	MW-82D(HS-D)	95	101	102	98
410-47718-7	MW-181A	94	102	102	97
410-47718-8	MW-7	94	102	103	97
410-47718-9	MW-27B	96	102	103	97

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)  
 DCA = 1,2-Dichloroethane-d4 (Surr)  
 DBFM = Dibromofluoromethane (Surr)  
 TOL = Toluene-d8 (Surr)

## Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (80-120)	DCA (80-120)	DBFM (80-120)	TOL (80-120)
LCS 410-152500/4	Lab Control Sample	97	98	104	97
MB 410-152500/6	Method Blank	94	98	103	97

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)  
 DCA = 1,2-Dichloroethane-d4 (Surr)  
 DBFM = Dibromofluoromethane (Surr)  
 TOL = Toluene-d8 (Surr)

# QC Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-152500/6  
 Matrix: Water  
 Analysis Batch: 152500

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/25/21 21:02	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/25/21 21:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/25/21 21:02	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/25/21 21:02	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/25/21 21:02	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/25/21 21:02	1
1,1-Dichloropropene	ND		5.0	0.30	ug/L			07/25/21 21:02	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			07/25/21 21:02	1
1,2,3-Trichloropropane	ND		5.0	0.30	ug/L			07/25/21 21:02	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			07/25/21 21:02	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			07/25/21 21:02	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			07/25/21 21:02	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			07/25/21 21:02	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			07/25/21 21:02	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/25/21 21:02	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/25/21 21:02	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			07/25/21 21:02	1
1,3-Dichlorobenzene	ND		5.0	0.30	ug/L			07/25/21 21:02	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			07/25/21 21:02	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			07/25/21 21:02	1
2,2-Dichloropropane	ND		1.0	0.30	ug/L			07/25/21 21:02	1
2-Butanone	ND		10	0.50	ug/L			07/25/21 21:02	1
2-Chlorotoluene	ND		5.0	0.30	ug/L			07/25/21 21:02	1
2-Hexanone	ND		10	0.40	ug/L			07/25/21 21:02	1
4-Chlorotoluene	ND		5.0	0.30	ug/L			07/25/21 21:02	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			07/25/21 21:02	1
Acetone	ND		20	0.70	ug/L			07/25/21 21:02	1
Benzene	ND		1.0	0.30	ug/L			07/25/21 21:02	1
Bromobenzene	ND		5.0	0.30	ug/L			07/25/21 21:02	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/25/21 21:02	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/25/21 21:02	1
Bromoform	ND		4.0	1.0	ug/L			07/25/21 21:02	1
Bromomethane	ND		1.0	0.30	ug/L			07/25/21 21:02	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/25/21 21:02	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/25/21 21:02	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/25/21 21:02	1
Chloroethane	ND		1.0	0.20	ug/L			07/25/21 21:02	1
Chloroform	ND		1.0	0.30	ug/L			07/25/21 21:02	1
Chloromethane	ND		1.0	0.20	ug/L			07/25/21 21:02	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/25/21 21:02	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/25/21 21:02	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/25/21 21:02	1
Dibromomethane	ND		1.0	0.30	ug/L			07/25/21 21:02	1
Dichlorodifluoromethane	ND		1.0	0.20	ug/L			07/25/21 21:02	1
di-Isopropyl ether	ND		1.0	0.30	ug/L			07/25/21 21:02	1
Ethyl t-butyl ether	ND		1.0	0.30	ug/L			07/25/21 21:02	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/25/21 21:02	1
Hexachlorobutadiene	ND		5.0	2.0	ug/L			07/25/21 21:02	1

# QC Sample Results

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-152500/6

Matrix: Water

Analysis Batch: 152500

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Isopropylbenzene	ND		5.0	0.20	ug/L			07/25/21 21:02	1
m&p-Xylene	ND		5.0	2.0	ug/L			07/25/21 21:02	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			07/25/21 21:02	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/25/21 21:02	1
Naphthalene	ND		5.0	1.0	ug/L			07/25/21 21:02	1
n-Butylbenzene	ND		5.0	0.30	ug/L			07/25/21 21:02	1
n-Hexane	ND		5.0	2.0	ug/L			07/25/21 21:02	1
N-Propylbenzene	ND		5.0	0.30	ug/L			07/25/21 21:02	1
o-Xylene	ND		1.0	0.40	ug/L			07/25/21 21:02	1
p-Isopropyltoluene	ND		5.0	0.30	ug/L			07/25/21 21:02	1
sec-Butylbenzene	ND		5.0	0.30	ug/L			07/25/21 21:02	1
Styrene	ND		5.0	0.30	ug/L			07/25/21 21:02	1
t-Amyl methyl ether	ND		5.0	0.80	ug/L			07/25/21 21:02	1
t-Butyl alcohol	ND		50	12	ug/L			07/25/21 21:02	1
tert-Butylbenzene	ND		5.0	0.30	ug/L			07/25/21 21:02	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/25/21 21:02	1
Toluene	ND		1.0	0.20	ug/L			07/25/21 21:02	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/25/21 21:02	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/25/21 21:02	1
Trichloroethene	ND		1.0	0.30	ug/L			07/25/21 21:02	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			07/25/21 21:02	1
Vinyl chloride	ND		1.0	0.20	ug/L			07/25/21 21:02	1
Xylene (total)	ND		1.0	0.40	ug/L			07/25/21 21:02	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	94		80 - 120		07/25/21 21:02	1
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		07/25/21 21:02	1
Dibromofluoromethane (Surr)	103		80 - 120		07/25/21 21:02	1
Toluene-d8 (Surr)	97		80 - 120		07/25/21 21:02	1

Lab Sample ID: LCS 410-152500/4

Matrix: Water

Analysis Batch: 152500

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	19.2		ug/L		96	67 - 126
1,1,1,2,2-Tetrachloroethane	20.0	20.4		ug/L		102	72 - 120
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	80 - 120
1,1-Dichloroethane	20.0	18.8		ug/L		94	80 - 120
1,1-Dichloroethene	20.0	19.7		ug/L		99	80 - 131
1,1-Dichloropropene	20.0	18.2		ug/L		91	78 - 120
1,2,3-Trichlorobenzene	20.0	19.8		ug/L		99	66 - 120
1,2,3-Trichloropropane	20.0	19.7		ug/L		98	75 - 124
1,2,4-Trichlorobenzene	20.0	18.6		ug/L		93	63 - 120
1,2,4-Trimethylbenzene	20.0	17.9		ug/L		89	75 - 120
1,2-Dibromo-3-Chloropropane	20.0	20.7		ug/L		103	47 - 131
1,2-Dibromoethane	20.0	20.2		ug/L		101	77 - 120

# QC Sample Results

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-152500/4

Matrix: Water

Analysis Batch: 152500

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec. Limits
	Added	Result	Qualifier				
1,2-Dichlorobenzene	20.0	18.9		ug/L		94	80 - 120
1,2-Dichloroethane	20.0	21.4		ug/L		107	73 - 124
1,2-Dichloropropane	20.0	18.9		ug/L		94	80 - 120
1,3,5-Trimethylbenzene	20.0	17.6		ug/L		88	75 - 120
1,3-Dichlorobenzene	20.0	19.1		ug/L		95	80 - 120
1,3-Dichloropropane	20.0	19.6		ug/L		98	80 - 120
1,4-Dichlorobenzene	20.0	18.8		ug/L		94	80 - 120
2,2-Dichloropropane	20.0	18.5		ug/L		92	55 - 142
2-Butanone	250	258		ug/L		103	59 - 135
2-Chlorotoluene	20.0	18.5		ug/L		92	80 - 120
2-Hexanone	250	255		ug/L		102	56 - 135
4-Chlorotoluene	20.0	18.3		ug/L		91	80 - 120
4-Methyl-2-pentanone	250	256		ug/L		102	62 - 133
Acetone	250	243		ug/L		97	54 - 157
Benzene	20.0	19.1		ug/L		95	80 - 120
Bromobenzene	20.0	19.7		ug/L		99	80 - 120
Bromochloromethane	20.0	21.6		ug/L		108	80 - 120
Bromodichloromethane	20.0	19.6		ug/L		98	71 - 120
Bromoform	20.0	20.2		ug/L		101	51 - 120
Bromomethane	20.0	21.1		ug/L		105	53 - 128
Carbon disulfide	20.0	19.5		ug/L		97	65 - 128
Carbon tetrachloride	20.0	18.9		ug/L		95	64 - 134
Chlorobenzene	20.0	19.4		ug/L		97	80 - 120
Chloroethane	20.0	18.7		ug/L		94	55 - 123
Chloroform	20.0	20.2		ug/L		101	80 - 120
Chloromethane	20.0	20.1		ug/L		100	56 - 121
cis-1,2-Dichloroethene	20.0	20.2		ug/L		101	80 - 125
cis-1,3-Dichloropropene	20.0	18.6		ug/L		93	75 - 120
Dibromochloromethane	20.0	19.5		ug/L		98	71 - 120
Dibromomethane	20.0	21.2		ug/L		106	80 - 120
Dichlorodifluoromethane	20.0	26.4	*+	ug/L		132	41 - 127
di-Isopropyl ether	20.0	18.5		ug/L		93	70 - 124
Ethyl t-butyl ether	20.0	19.8		ug/L		99	68 - 121
Ethylbenzene	20.0	18.8		ug/L		94	80 - 120
Hexachlorobutadiene	20.0	17.9		ug/L		90	63 - 120
Isopropylbenzene	20.0	18.6		ug/L		93	80 - 120
m&p-Xylene	40.0	37.6		ug/L		94	80 - 120
Methyl tertiary butyl ether	20.0	20.6		ug/L		103	69 - 122
Methylene Chloride	20.0	21.0		ug/L		105	80 - 120
Naphthalene	20.0	19.8		ug/L		99	53 - 124
n-Butylbenzene	20.0	16.8		ug/L		84	76 - 120
n-Hexane	20.0	16.1		ug/L		80	61 - 138
N-Propylbenzene	20.0	18.1		ug/L		90	79 - 121
o-Xylene	20.0	19.0		ug/L		95	80 - 120
p-Isopropyltoluene	20.0	17.3		ug/L		87	76 - 120
sec-Butylbenzene	20.0	17.1		ug/L		85	77 - 120
Styrene	20.0	19.1		ug/L		95	80 - 120
t-Amyl methyl ether	20.0	19.5		ug/L		98	66 - 120
t-Butyl alcohol	200	203		ug/L		101	60 - 130

Eurofins Lancaster Laboratories Env, LLC

# QC Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-152500/4

Matrix: Water

Analysis Batch: 152500

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec. Limits
	Added	Result	Qualifier				
tert-Butylbenzene	20.0	17.7		ug/L		88	78 - 120
Tetrachloroethene	20.0	17.3		ug/L		86	80 - 120
Toluene	20.0	18.9		ug/L		94	80 - 120
trans-1,2-Dichloroethene	20.0	19.3		ug/L		97	80 - 126
trans-1,3-Dichloropropene	20.0	19.4		ug/L		97	67 - 120
Trichloroethene	20.0	18.8		ug/L		94	80 - 120
Trichlorofluoromethane	20.0	20.6		ug/L		103	55 - 135
Vinyl chloride	20.0	20.0		ug/L		100	56 - 120
Xylene (total)	60.0	56.6		ug/L		94	80 - 120

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	104		80 - 120
Toluene-d8 (Surr)	97		80 - 120

# QC Association Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

## GC/MS VOA

### Analysis Batch: 152500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-47718-1	MW-16	Total/NA	Groundwater	8260C	
410-47718-2	MW-27	Total/NA	Groundwater	8260C	
410-47718-3	MW-54B	Total/NA	Groundwater	8260C	
410-47718-4	MW-82D(HS-S)	Total/NA	Groundwater	8260C	
410-47718-5	MW-82D(HS-M)	Total/NA	Groundwater	8260C	
410-47718-6	MW-82D(HS-D)	Total/NA	Groundwater	8260C	
410-47718-7	MW-181A	Total/NA	Groundwater	8260C	
410-47718-8	MW-7	Total/NA	Groundwater	8260C	
410-47718-9	MW-27B	Total/NA	Groundwater	8260C	
MB 410-152500/6	Method Blank	Total/NA	Water	8260C	
LCS 410-152500/4	Lab Control Sample	Total/NA	Water	8260C	

# Lab Chronicle

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

## Client Sample ID: MW-16

Date Collected: 07/14/21 08:00

Date Received: 07/19/21 15:36

Lab Sample ID: 410-47718-1

Matrix: Groundwater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152500	07/26/21 01:28	K1I	ELLE

## Client Sample ID: MW-27

Date Collected: 07/14/21 08:30

Date Received: 07/19/21 15:36

Lab Sample ID: 410-47718-2

Matrix: Groundwater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152500	07/26/21 01:48	K1I	ELLE

## Client Sample ID: MW-54B

Date Collected: 07/14/21 11:55

Date Received: 07/19/21 15:36

Lab Sample ID: 410-47718-3

Matrix: Groundwater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152500	07/26/21 02:09	K1I	ELLE

## Client Sample ID: MW-82D(HS-S)

Date Collected: 07/14/21 12:40

Date Received: 07/19/21 15:36

Lab Sample ID: 410-47718-4

Matrix: Groundwater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152500	07/26/21 02:29	K1I	ELLE

## Client Sample ID: MW-82D(HS-M)

Date Collected: 07/14/21 12:50

Date Received: 07/19/21 15:36

Lab Sample ID: 410-47718-5

Matrix: Groundwater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152500	07/26/21 02:49	K1I	ELLE

## Client Sample ID: MW-82D(HS-D)

Date Collected: 07/14/21 13:00

Date Received: 07/19/21 15:36

Lab Sample ID: 410-47718-6

Matrix: Groundwater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152500	07/26/21 03:10	K1I	ELLE

## Client Sample ID: MW-181A

Date Collected: 07/14/21 10:10

Date Received: 07/19/21 15:36

Lab Sample ID: 410-47718-7

Matrix: Groundwater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152500	07/26/21 03:30	K1I	ELLE



# Lab Chronicle

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

## Client Sample ID: MW-7

Lab Sample ID: 410-47718-8

Date Collected: 07/14/21 08:55

Matrix: Groundwater

Date Received: 07/19/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152500	07/26/21 03:50	K1I	ELLE

## Client Sample ID: MW-27B

Lab Sample ID: 410-47718-9

Date Collected: 07/14/21 09:30

Matrix: Groundwater

Date Received: 07/19/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152500	07/26/21 04:11	K1I	ELLE

### Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300



# Accreditation/Certification Summary

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

## Laboratory: Eurofins Lancaster Laboratories Env, LLC

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

Authority	Program	Identification Number	Expiration Date
Maryland	State	100	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Groundwater	1,1,1,2-Tetrachloroethane
8260C		Groundwater	1,1,1-Trichloroethane
8260C		Groundwater	1,1,2-Tetrachloroethane
8260C		Groundwater	1,1,2-Trichloroethane
8260C		Groundwater	1,1-Dichloroethane
8260C		Groundwater	1,1-Dichloroethene
8260C		Groundwater	1,1-Dichloropropene
8260C		Groundwater	1,2,3-Trichlorobenzene
8260C		Groundwater	1,2,3-Trichloropropane
8260C		Groundwater	1,2,4-Trichlorobenzene
8260C		Groundwater	1,2,4-Trimethylbenzene
8260C		Groundwater	1,2-Dibromo-3-Chloropropane
8260C		Groundwater	1,2-Dibromoethane
8260C		Groundwater	1,2-Dichlorobenzene
8260C		Groundwater	1,2-Dichloroethane
8260C		Groundwater	1,2-Dichloropropane
8260C		Groundwater	1,3,5-Trimethylbenzene
8260C		Groundwater	1,3-Dichlorobenzene
8260C		Groundwater	1,3-Dichloropropane
8260C		Groundwater	1,4-Dichlorobenzene
8260C		Groundwater	2,2-Dichloropropane
8260C		Groundwater	2-Butanone
8260C		Groundwater	2-Chlorotoluene
8260C		Groundwater	2-Hexanone
8260C		Groundwater	4-Chlorotoluene
8260C		Groundwater	4-Methyl-2-pentanone
8260C		Groundwater	Acetone
8260C		Groundwater	Benzene
8260C		Groundwater	Bromobenzene
8260C		Groundwater	Bromochloromethane
8260C		Groundwater	Bromodichloromethane
8260C		Groundwater	Bromoform
8260C		Groundwater	Bromomethane
8260C		Groundwater	Carbon disulfide
8260C		Groundwater	Carbon tetrachloride
8260C		Groundwater	Chlorobenzene
8260C		Groundwater	Chloroethane
8260C		Groundwater	Chloroform
8260C		Groundwater	Chloromethane
8260C		Groundwater	cis-1,2-Dichloroethene
8260C		Groundwater	cis-1,3-Dichloropropene
8260C		Groundwater	Dibromochloromethane
8260C		Groundwater	Dibromomethane
8260C		Groundwater	Dichlorodifluoromethane
8260C		Groundwater	di-Isopropyl ether

# Accreditation/Certification Summary

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

## Laboratory: Eurofins Lancaster Laboratories Env, LLC (Continued)

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

Authority	Program	Identification Number	Expiration Date
Maryland	State	100	06-30-22
8260C	Groundwater	Ethyl t-butyl ether	
8260C	Groundwater	Ethylbenzene	
8260C	Groundwater	Hexachlorobutadiene	
8260C	Groundwater	Isopropylbenzene	
8260C	Groundwater	m&p-Xylene	
8260C	Groundwater	Methyl tertiary butyl ether	
8260C	Groundwater	Methylene Chloride	
8260C	Groundwater	Naphthalene	
8260C	Groundwater	n-Butylbenzene	
8260C	Groundwater	n-Hexane	
8260C	Groundwater	N-Propylbenzene	
8260C	Groundwater	o-Xylene	
8260C	Groundwater	p-Isopropyltoluene	
8260C	Groundwater	sec-Butylbenzene	
8260C	Groundwater	Styrene	
8260C	Groundwater	t-Amyl methyl ether	
8260C	Groundwater	t-Butyl alcohol	
8260C	Groundwater	tert-Butylbenzene	
8260C	Groundwater	Tetrachloroethene	
8260C	Groundwater	Toluene	
8260C	Groundwater	trans-1,2-Dichloroethene	
8260C	Groundwater	trans-1,3-Dichloropropene	
8260C	Groundwater	Trichloroethene	
8260C	Groundwater	Trichlorofluoromethane	
8260C	Groundwater	Vinyl chloride	
8260C	Groundwater	Xylene (total)	

# Method Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300





## Login Sample Receipt Checklist

Client: Kleinfelder Inc

Job Number: 410-47718-1

**Login Number: 47718**

**List Source: Eurofins Lancaster Laboratories Env, LLC**

**List Number: 1**

**Creator: Jeremiah, Cory T**

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	N/A	

## Definitions/Glossary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47718-1

### Qualifiers

#### GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC  
2425 New Holland Pike  
Lancaster, PA 17601  
Tel: (717)656-2300

Laboratory Job ID: 410-47736-1  
Client Project/Site: 2-8077 - Phoenix, MD

For:  
Kleinfelder Inc  
1745 Dorsey Road  
Suite J  
Hanover, Maryland 21076

Attn: Mark Schaaf



Authorized for release by:  
7/27/2021 12:12:31 PM

Megan Moeller, Client Services Group Leader  
(717)556-7261  
[Megan.Moeller@eurofinset.com](mailto:Megan.Moeller@eurofinset.com)

### LINKS

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





Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
  - Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
  - Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Megan Moeller  
Client Services Group Leader  
7/27/2021 12:12:31 PM



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# Sample Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-47736-1	MW-32	Groundwater	07/14/21 11:00	07/19/21 16:48
410-47736-2	MW-38B	Groundwater	07/14/21 11:30	07/19/21 16:48
410-47736-3	MW-82B	Groundwater	07/14/21 13:40	07/19/21 16:48
410-47736-4	MW-121	Groundwater	07/14/21 10:35	07/19/21 16:48

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# Case Narrative

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

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## Job ID: 410-47736-1

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Laboratory: Eurofins Lancaster Laboratories Env, LLC

### Narrative

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#### Job Narrative 410-47736-1

#### Receipt

The samples were received on 7/19/2021 4:48 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C

#### Receipt Exceptions

A trip blank was not submitted for analysis with this sample shipment; and was not listed on the Chain of Custody (COC).

#### GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 410-152847 recovered above the upper control limit for 1,2-Dibromo-3-Chloropropane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

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



# Detection Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

## Client Sample ID: MW-32

Lab Sample ID: 410-47736-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tertiary butyl ether	0.44	J	1.0	0.20	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-38B

Lab Sample ID: 410-47736-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	0.81	J	10	0.50	ug/L	1		8260C	Total/NA
Acetone	7.5	J	20	0.70	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-82B

Lab Sample ID: 410-47736-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	0.93	J	10	0.50	ug/L	1		8260C	Total/NA
Acetone	11	J	20	0.70	ug/L	1		8260C	Total/NA

## Client Sample ID: MW-121

Lab Sample ID: 410-47736-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	1.3	J	10	0.50	ug/L	1		8260C	Total/NA
Acetone	8.7	J	20	0.70	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

**Client Sample ID: MW-32**

**Lab Sample ID: 410-47736-1**

**Date Collected: 07/14/21 11:00**

**Matrix: Groundwater**

**Date Received: 07/19/21 16:48**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 23:29	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 23:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 23:29	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 23:29	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 23:29	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 23:29	1
1,1-Dichloropropene	ND		5.0	0.30	ug/L			07/26/21 23:29	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			07/26/21 23:29	1
1,2,3-Trichloropropane	ND		5.0	0.30	ug/L			07/26/21 23:29	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 23:29	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			07/26/21 23:29	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			07/26/21 23:29	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			07/26/21 23:29	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			07/26/21 23:29	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 23:29	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 23:29	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			07/26/21 23:29	1
1,3-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 23:29	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 23:29	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 23:29	1
2,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 23:29	1
2-Butanone	ND		10	0.50	ug/L			07/26/21 23:29	1
2-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 23:29	1
2-Hexanone	ND		10	0.40	ug/L			07/26/21 23:29	1
4-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 23:29	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			07/26/21 23:29	1
Acetone	ND		20	0.70	ug/L			07/26/21 23:29	1
Benzene	ND		1.0	0.30	ug/L			07/26/21 23:29	1
Bromobenzene	ND		5.0	0.30	ug/L			07/26/21 23:29	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/26/21 23:29	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/26/21 23:29	1
Bromoform	ND		4.0	1.0	ug/L			07/26/21 23:29	1
Bromomethane	ND		1.0	0.30	ug/L			07/26/21 23:29	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/26/21 23:29	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/26/21 23:29	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/26/21 23:29	1
Chloroethane	ND		1.0	0.20	ug/L			07/26/21 23:29	1
Chloroform	ND		1.0	0.30	ug/L			07/26/21 23:29	1
Chloromethane	ND	F1 *+	1.0	0.20	ug/L			07/26/21 23:29	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 23:29	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 23:29	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/26/21 23:29	1
Dibromomethane	ND		1.0	0.30	ug/L			07/26/21 23:29	1
Dichlorodifluoromethane	ND	F1 *+	1.0	0.20	ug/L			07/26/21 23:29	1
di-Isopropyl ether	ND		1.0	0.30	ug/L			07/26/21 23:29	1
Ethyl t-butyl ether	ND		1.0	0.30	ug/L			07/26/21 23:29	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/26/21 23:29	1
Hexachlorobutadiene	ND		5.0	2.0	ug/L			07/26/21 23:29	1
Isopropylbenzene	ND		5.0	0.20	ug/L			07/26/21 23:29	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

**Client Sample ID: MW-32**

**Lab Sample ID: 410-47736-1**

Date Collected: 07/14/21 11:00

Matrix: Groundwater

Date Received: 07/19/21 16:48

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	2.0	ug/L			07/26/21 23:29	1
<b>Methyl tertiary butyl ether</b>	<b>0.44</b>	<b>J</b>	1.0	0.20	ug/L			07/26/21 23:29	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/26/21 23:29	1
Naphthalene	ND		5.0	1.0	ug/L			07/26/21 23:29	1
n-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 23:29	1
n-Hexane	ND		5.0	2.0	ug/L			07/26/21 23:29	1
N-Propylbenzene	ND		5.0	0.30	ug/L			07/26/21 23:29	1
o-Xylene	ND		1.0	0.40	ug/L			07/26/21 23:29	1
p-Isopropyltoluene	ND		5.0	0.30	ug/L			07/26/21 23:29	1
sec-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 23:29	1
Styrene	ND		5.0	0.30	ug/L			07/26/21 23:29	1
t-Amyl methyl ether	ND		5.0	0.80	ug/L			07/26/21 23:29	1
t-Butyl alcohol	ND		50	12	ug/L			07/26/21 23:29	1
tert-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 23:29	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/26/21 23:29	1
Toluene	ND		1.0	0.20	ug/L			07/26/21 23:29	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 23:29	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 23:29	1
Trichloroethene	ND		1.0	0.30	ug/L			07/26/21 23:29	1
Trichlorofluoromethane	ND	F1	1.0	0.20	ug/L			07/26/21 23:29	1
Vinyl chloride	ND	F1	1.0	0.20	ug/L			07/26/21 23:29	1
Xylene (total)	ND		1.0	0.40	ug/L			07/26/21 23:29	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	93		80 - 120					07/26/21 23:29	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120					07/26/21 23:29	1
Dibromofluoromethane (Surr)	103		80 - 120					07/26/21 23:29	1
Toluene-d8 (Surr)	97		80 - 120					07/26/21 23:29	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

**Client Sample ID: MW-38B**

**Lab Sample ID: 410-47736-2**

Date Collected: 07/14/21 11:30

Matrix: Groundwater

Date Received: 07/19/21 16:48

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 22:27	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 22:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 22:27	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 22:27	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 22:27	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 22:27	1
1,1-Dichloropropene	ND		5.0	0.30	ug/L			07/26/21 22:27	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			07/26/21 22:27	1
1,2,3-Trichloropropane	ND		5.0	0.30	ug/L			07/26/21 22:27	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 22:27	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			07/26/21 22:27	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			07/26/21 22:27	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			07/26/21 22:27	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			07/26/21 22:27	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 22:27	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 22:27	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			07/26/21 22:27	1
1,3-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 22:27	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 22:27	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 22:27	1
2,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 22:27	1
<b>2-Butanone</b>	<b>0.81</b>	<b>J</b>	10	0.50	ug/L			07/26/21 22:27	1
2-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 22:27	1
2-Hexanone	ND		10	0.40	ug/L			07/26/21 22:27	1
4-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 22:27	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			07/26/21 22:27	1
<b>Acetone</b>	<b>7.5</b>	<b>J</b>	20	0.70	ug/L			07/26/21 22:27	1
Benzene	ND		1.0	0.30	ug/L			07/26/21 22:27	1
Bromobenzene	ND		5.0	0.30	ug/L			07/26/21 22:27	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/26/21 22:27	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/26/21 22:27	1
Bromoform	ND		4.0	1.0	ug/L			07/26/21 22:27	1
Bromomethane	ND		1.0	0.30	ug/L			07/26/21 22:27	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/26/21 22:27	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/26/21 22:27	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/26/21 22:27	1
Chloroethane	ND		1.0	0.20	ug/L			07/26/21 22:27	1
Chloroform	ND		1.0	0.30	ug/L			07/26/21 22:27	1
Chloromethane	ND	*+	1.0	0.20	ug/L			07/26/21 22:27	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 22:27	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 22:27	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/26/21 22:27	1
Dibromomethane	ND		1.0	0.30	ug/L			07/26/21 22:27	1
Dichlorodifluoromethane	ND	*+	1.0	0.20	ug/L			07/26/21 22:27	1
di-Isopropyl ether	ND		1.0	0.30	ug/L			07/26/21 22:27	1
Ethyl t-butyl ether	ND		1.0	0.30	ug/L			07/26/21 22:27	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/26/21 22:27	1
Hexachlorobutadiene	ND		5.0	2.0	ug/L			07/26/21 22:27	1
Isopropylbenzene	ND		5.0	0.20	ug/L			07/26/21 22:27	1



# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

**Client Sample ID: MW-38B**

**Lab Sample ID: 410-47736-2**

Date Collected: 07/14/21 11:30

Matrix: Groundwater

Date Received: 07/19/21 16:48

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	2.0	ug/L			07/26/21 22:27	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			07/26/21 22:27	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/26/21 22:27	1
Naphthalene	ND		5.0	1.0	ug/L			07/26/21 22:27	1
n-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 22:27	1
n-Hexane	ND		5.0	2.0	ug/L			07/26/21 22:27	1
N-Propylbenzene	ND		5.0	0.30	ug/L			07/26/21 22:27	1
o-Xylene	ND		1.0	0.40	ug/L			07/26/21 22:27	1
p-Isopropyltoluene	ND		5.0	0.30	ug/L			07/26/21 22:27	1
sec-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 22:27	1
Styrene	ND		5.0	0.30	ug/L			07/26/21 22:27	1
t-Amyl methyl ether	ND		5.0	0.80	ug/L			07/26/21 22:27	1
t-Butyl alcohol	ND		50	12	ug/L			07/26/21 22:27	1
tert-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 22:27	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/26/21 22:27	1
Toluene	ND		1.0	0.20	ug/L			07/26/21 22:27	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 22:27	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 22:27	1
Trichloroethene	ND		1.0	0.30	ug/L			07/26/21 22:27	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			07/26/21 22:27	1
Vinyl chloride	ND		1.0	0.20	ug/L			07/26/21 22:27	1
Xylene (total)	ND		1.0	0.40	ug/L			07/26/21 22:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		80 - 120		07/26/21 22:27	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 120		07/26/21 22:27	1
Dibromofluoromethane (Surr)	103		80 - 120		07/26/21 22:27	1
Toluene-d8 (Surr)	98		80 - 120		07/26/21 22:27	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

**Client Sample ID: MW-82B**

**Lab Sample ID: 410-47736-3**

Date Collected: 07/14/21 13:40

Matrix: Groundwater

Date Received: 07/19/21 16:48

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 22:48	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 22:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 22:48	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 22:48	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 22:48	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 22:48	1
1,1-Dichloropropene	ND		5.0	0.30	ug/L			07/26/21 22:48	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			07/26/21 22:48	1
1,2,3-Trichloropropane	ND		5.0	0.30	ug/L			07/26/21 22:48	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 22:48	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			07/26/21 22:48	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			07/26/21 22:48	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			07/26/21 22:48	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			07/26/21 22:48	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 22:48	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 22:48	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			07/26/21 22:48	1
1,3-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 22:48	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 22:48	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 22:48	1
2,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 22:48	1
<b>2-Butanone</b>	<b>0.93</b>	<b>J</b>	10	0.50	ug/L			07/26/21 22:48	1
2-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 22:48	1
2-Hexanone	ND		10	0.40	ug/L			07/26/21 22:48	1
4-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 22:48	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			07/26/21 22:48	1
<b>Acetone</b>	<b>11</b>	<b>J</b>	20	0.70	ug/L			07/26/21 22:48	1
Benzene	ND		1.0	0.30	ug/L			07/26/21 22:48	1
Bromobenzene	ND		5.0	0.30	ug/L			07/26/21 22:48	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/26/21 22:48	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/26/21 22:48	1
Bromoform	ND		4.0	1.0	ug/L			07/26/21 22:48	1
Bromomethane	ND		1.0	0.30	ug/L			07/26/21 22:48	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/26/21 22:48	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/26/21 22:48	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/26/21 22:48	1
Chloroethane	ND		1.0	0.20	ug/L			07/26/21 22:48	1
Chloroform	ND		1.0	0.30	ug/L			07/26/21 22:48	1
Chloromethane	ND	*+	1.0	0.20	ug/L			07/26/21 22:48	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 22:48	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 22:48	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/26/21 22:48	1
Dibromomethane	ND		1.0	0.30	ug/L			07/26/21 22:48	1
Dichlorodifluoromethane	ND	*+	1.0	0.20	ug/L			07/26/21 22:48	1
di-Isopropyl ether	ND		1.0	0.30	ug/L			07/26/21 22:48	1
Ethyl t-butyl ether	ND		1.0	0.30	ug/L			07/26/21 22:48	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/26/21 22:48	1
Hexachlorobutadiene	ND		5.0	2.0	ug/L			07/26/21 22:48	1
Isopropylbenzene	ND		5.0	0.20	ug/L			07/26/21 22:48	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

**Client Sample ID: MW-82B**

**Lab Sample ID: 410-47736-3**

Date Collected: 07/14/21 13:40

Matrix: Groundwater

Date Received: 07/19/21 16:48

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	2.0	ug/L			07/26/21 22:48	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			07/26/21 22:48	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/26/21 22:48	1
Naphthalene	ND		5.0	1.0	ug/L			07/26/21 22:48	1
n-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 22:48	1
n-Hexane	ND		5.0	2.0	ug/L			07/26/21 22:48	1
N-Propylbenzene	ND		5.0	0.30	ug/L			07/26/21 22:48	1
o-Xylene	ND		1.0	0.40	ug/L			07/26/21 22:48	1
p-Isopropyltoluene	ND		5.0	0.30	ug/L			07/26/21 22:48	1
sec-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 22:48	1
Styrene	ND		5.0	0.30	ug/L			07/26/21 22:48	1
t-Amyl methyl ether	ND		5.0	0.80	ug/L			07/26/21 22:48	1
t-Butyl alcohol	ND		50	12	ug/L			07/26/21 22:48	1
tert-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 22:48	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/26/21 22:48	1
Toluene	ND		1.0	0.20	ug/L			07/26/21 22:48	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 22:48	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 22:48	1
Trichloroethene	ND		1.0	0.30	ug/L			07/26/21 22:48	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			07/26/21 22:48	1
Vinyl chloride	ND		1.0	0.20	ug/L			07/26/21 22:48	1
Xylene (total)	ND		1.0	0.40	ug/L			07/26/21 22:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		80 - 120		07/26/21 22:48	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 120		07/26/21 22:48	1
Dibromofluoromethane (Surr)	101		80 - 120		07/26/21 22:48	1
Toluene-d8 (Surr)	98		80 - 120		07/26/21 22:48	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

**Client Sample ID: MW-121**

**Lab Sample ID: 410-47736-4**

Date Collected: 07/14/21 10:35

Matrix: Groundwater

Date Received: 07/19/21 16:48

**Method: 8260C - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 23:09	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 23:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/26/21 23:09	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/26/21 23:09	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 23:09	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 23:09	1
1,1-Dichloropropene	ND		5.0	0.30	ug/L			07/26/21 23:09	1
1,2,3-Trichlorobenzene	ND		5.0	0.40	ug/L			07/26/21 23:09	1
1,2,3-Trichloropropane	ND		5.0	0.30	ug/L			07/26/21 23:09	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 23:09	1
1,2,4-Trimethylbenzene	ND		5.0	1.0	ug/L			07/26/21 23:09	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			07/26/21 23:09	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			07/26/21 23:09	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			07/26/21 23:09	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/26/21 23:09	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 23:09	1
1,3,5-Trimethylbenzene	ND		5.0	0.30	ug/L			07/26/21 23:09	1
1,3-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 23:09	1
1,3-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 23:09	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			07/26/21 23:09	1
2,2-Dichloropropane	ND		1.0	0.30	ug/L			07/26/21 23:09	1
<b>2-Butanone</b>	<b>1.3</b>	<b>J</b>	10	0.50	ug/L			07/26/21 23:09	1
2-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 23:09	1
2-Hexanone	ND		10	0.40	ug/L			07/26/21 23:09	1
4-Chlorotoluene	ND		5.0	0.30	ug/L			07/26/21 23:09	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			07/26/21 23:09	1
<b>Acetone</b>	<b>8.7</b>	<b>J</b>	20	0.70	ug/L			07/26/21 23:09	1
Benzene	ND		1.0	0.30	ug/L			07/26/21 23:09	1
Bromobenzene	ND		5.0	0.30	ug/L			07/26/21 23:09	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/26/21 23:09	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/26/21 23:09	1
Bromoform	ND		4.0	1.0	ug/L			07/26/21 23:09	1
Bromomethane	ND		1.0	0.30	ug/L			07/26/21 23:09	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/26/21 23:09	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/26/21 23:09	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/26/21 23:09	1
Chloroethane	ND		1.0	0.20	ug/L			07/26/21 23:09	1
Chloroform	ND		1.0	0.30	ug/L			07/26/21 23:09	1
Chloromethane	ND	*+	1.0	0.20	ug/L			07/26/21 23:09	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 23:09	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 23:09	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/26/21 23:09	1
Dibromomethane	ND		1.0	0.30	ug/L			07/26/21 23:09	1
Dichlorodifluoromethane	ND	*+	1.0	0.20	ug/L			07/26/21 23:09	1
di-Isopropyl ether	ND		1.0	0.30	ug/L			07/26/21 23:09	1
Ethyl t-butyl ether	ND		1.0	0.30	ug/L			07/26/21 23:09	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/26/21 23:09	1
Hexachlorobutadiene	ND		5.0	2.0	ug/L			07/26/21 23:09	1
Isopropylbenzene	ND		5.0	0.20	ug/L			07/26/21 23:09	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

**Client Sample ID: MW-121**

**Lab Sample ID: 410-47736-4**

Date Collected: 07/14/21 10:35

Matrix: Groundwater

Date Received: 07/19/21 16:48

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	ND		5.0	2.0	ug/L			07/26/21 23:09	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			07/26/21 23:09	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/26/21 23:09	1
Naphthalene	ND		5.0	1.0	ug/L			07/26/21 23:09	1
n-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 23:09	1
n-Hexane	ND		5.0	2.0	ug/L			07/26/21 23:09	1
N-Propylbenzene	ND		5.0	0.30	ug/L			07/26/21 23:09	1
o-Xylene	ND		1.0	0.40	ug/L			07/26/21 23:09	1
p-Isopropyltoluene	ND		5.0	0.30	ug/L			07/26/21 23:09	1
sec-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 23:09	1
Styrene	ND		5.0	0.30	ug/L			07/26/21 23:09	1
t-Amyl methyl ether	ND		5.0	0.80	ug/L			07/26/21 23:09	1
t-Butyl alcohol	ND		50	12	ug/L			07/26/21 23:09	1
tert-Butylbenzene	ND		5.0	0.30	ug/L			07/26/21 23:09	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/26/21 23:09	1
Toluene	ND		1.0	0.20	ug/L			07/26/21 23:09	1
trans-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/26/21 23:09	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/26/21 23:09	1
Trichloroethene	ND		1.0	0.30	ug/L			07/26/21 23:09	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			07/26/21 23:09	1
Vinyl chloride	ND		1.0	0.20	ug/L			07/26/21 23:09	1
Xylene (total)	ND		1.0	0.40	ug/L			07/26/21 23:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		80 - 120		07/26/21 23:09	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		07/26/21 23:09	1
Dibromofluoromethane (Surr)	102		80 - 120		07/26/21 23:09	1
Toluene-d8 (Surr)	98		80 - 120		07/26/21 23:09	1

# Surrogate Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Groundwater

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (80-120)	DCA (80-120)	DBFM (80-120)	TOL (80-120)
410-47736-1	MW-32	93	101	103	97
410-47736-1 MS	MW-32	97	102	103	98
410-47736-1 MSD	MW-32	95	100	101	98
410-47736-2	MW-38B	94	105	103	98
410-47736-3	MW-82B	95	103	101	98
410-47736-4	MW-121	94	102	102	98

### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)  
DCA = 1,2-Dichloroethane-d4 (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (80-120)	DCA (80-120)	DBFM (80-120)	TOL (80-120)
LCS 410-152847/4	Lab Control Sample	99	100	102	99

### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)  
DCA = 1,2-Dichloroethane-d4 (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

# QC Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: LCS 410-152847/4

Matrix: Water

Analysis Batch: 152847

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	20.7		ug/L		103	78 - 120
1,1,1-Trichloroethane	20.0	20.4		ug/L		102	67 - 126
1,1,2,2-Tetrachloroethane	20.0	21.5		ug/L		108	72 - 120
1,1,2-Trichloroethane	20.0	21.9		ug/L		110	80 - 120
1,1-Dichloroethane	20.0	20.2		ug/L		101	80 - 120
1,1-Dichloroethene	20.0	20.5		ug/L		102	80 - 131
1,1-Dichloropropene	20.0	19.6		ug/L		98	78 - 120
1,2,3-Trichlorobenzene	20.0	20.9		ug/L		105	66 - 120
1,2,3-Trichloropropane	20.0	20.9		ug/L		104	75 - 124
1,2,4-Trichlorobenzene	20.0	20.4		ug/L		102	63 - 120
1,2,4-Trimethylbenzene	20.0	19.9		ug/L		99	75 - 120
1,2-Dibromo-3-Chloropropane	20.0	21.4		ug/L		107	47 - 131
1,2-Dibromoethane	20.0	21.3		ug/L		106	77 - 120
1,2-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 120
1,2-Dichloroethane	20.0	21.6		ug/L		108	73 - 124
1,2-Dichloropropane	20.0	20.5		ug/L		102	80 - 120
1,3,5-Trimethylbenzene	20.0	19.6		ug/L		98	75 - 120
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120
1,3-Dichloropropane	20.0	20.6		ug/L		103	80 - 120
1,4-Dichlorobenzene	20.0	20.4		ug/L		102	80 - 120
2,2-Dichloropropane	20.0	20.3		ug/L		101	55 - 142
2-Butanone	250	263		ug/L		105	59 - 135
2-Chlorotoluene	20.0	20.2		ug/L		101	80 - 120
2-Hexanone	250	274		ug/L		110	56 - 135
4-Chlorotoluene	20.0	20.2		ug/L		101	80 - 120
4-Methyl-2-pentanone	250	266		ug/L		106	62 - 133
Acetone	250	250		ug/L		100	54 - 157
Benzene	20.0	20.8		ug/L		104	80 - 120
Bromobenzene	20.0	20.8		ug/L		104	80 - 120
Bromochloromethane	20.0	21.7		ug/L		108	80 - 120
Bromodichloromethane	20.0	20.7		ug/L		104	71 - 120
Bromoform	20.0	20.7		ug/L		103	51 - 120
Bromomethane	20.0	22.9		ug/L		115	53 - 128
Carbon disulfide	20.0	20.5		ug/L		102	65 - 128
Carbon tetrachloride	20.0	20.0		ug/L		100	64 - 134
Chlorobenzene	20.0	20.9		ug/L		105	80 - 120
Chloroethane	20.0	20.3		ug/L		101	55 - 123
Chloroform	20.0	21.3		ug/L		107	80 - 120
Chloromethane	20.0	24.6	*+	ug/L		123	56 - 121
cis-1,2-Dichloroethene	20.0	21.3		ug/L		107	80 - 125
cis-1,3-Dichloropropene	20.0	19.7		ug/L		99	75 - 120
Dibromochloromethane	20.0	20.7		ug/L		104	71 - 120
Dibromomethane	20.0	21.7		ug/L		109	80 - 120
Dichlorodifluoromethane	20.0	27.9	*+	ug/L		140	41 - 127
di-Isopropyl ether	20.0	20.2		ug/L		101	70 - 124
Ethyl t-butyl ether	20.0	21.6		ug/L		108	68 - 121
Ethylbenzene	20.0	20.6		ug/L		103	80 - 120
Hexachlorobutadiene	20.0	19.8		ug/L		99	63 - 120

# QC Sample Results

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 410-152847/4**

**Matrix: Water**

**Analysis Batch: 152847**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Isopropylbenzene	20.0	20.5		ug/L		103	80 - 120
m&p-Xylene	40.0	41.5		ug/L		104	80 - 120
Methyl tertiary butyl ether	20.0	21.4		ug/L		107	69 - 122
Methylene Chloride	20.0	21.9		ug/L		110	80 - 120
Naphthalene	20.0	20.9		ug/L		105	53 - 124
n-Butylbenzene	20.0	18.7		ug/L		94	76 - 120
n-Hexane	20.0	18.1		ug/L		90	61 - 138
N-Propylbenzene	20.0	20.1		ug/L		100	79 - 121
o-Xylene	20.0	20.6		ug/L		103	80 - 120
p-Isopropyltoluene	20.0	19.1		ug/L		95	76 - 120
sec-Butylbenzene	20.0	19.1		ug/L		95	77 - 120
Styrene	20.0	21.0		ug/L		105	80 - 120
t-Amyl methyl ether	20.0	20.9		ug/L		104	66 - 120
t-Butyl alcohol	200	245		ug/L		123	60 - 130
tert-Butylbenzene	20.0	19.8		ug/L		99	78 - 120
Tetrachloroethene	20.0	18.8		ug/L		94	80 - 120
Toluene	20.0	20.8		ug/L		104	80 - 120
trans-1,2-Dichloroethene	20.0	20.5		ug/L		103	80 - 126
trans-1,3-Dichloropropene	20.0	20.3		ug/L		101	67 - 120
Trichloroethene	20.0	20.6		ug/L		103	80 - 120
Trichlorofluoromethane	20.0	22.3		ug/L		111	55 - 135
Vinyl chloride	20.0	23.2		ug/L		116	56 - 120
Xylene (total)	60.0	62.1		ug/L		104	80 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		80 - 120
1,2-Dichloroethane-d4 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	102		80 - 120
Toluene-d8 (Surr)	99		80 - 120

**Lab Sample ID: 410-47736-1 MS**

**Matrix: Groundwater**

**Analysis Batch: 152847**

**Client Sample ID: MW-32**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
1,1,1,2-Tetrachloroethane	ND		20.0	21.3		ug/L		107	78 - 120
1,1,1-Trichloroethane	ND		20.0	24.0		ug/L		120	67 - 126
1,1,1,2,2-Tetrachloroethane	ND		20.0	20.8		ug/L		104	72 - 120
1,1,2-Trichloroethane	ND		20.0	21.3		ug/L		107	80 - 120
1,1-Dichloroethane	ND		20.0	22.4		ug/L		112	80 - 120
1,1-Dichloroethene	ND		20.0	24.8		ug/L		124	80 - 131
1,1-Dichloropropene	ND		20.0	23.1		ug/L		116	78 - 120
1,2,3-Trichlorobenzene	ND		20.0	20.9		ug/L		104	66 - 120
1,2,3-Trichloropropane	ND		20.0	20.6		ug/L		103	75 - 124
1,2,4-Trichlorobenzene	ND		20.0	20.2		ug/L		101	63 - 120
1,2,4-Trimethylbenzene	ND		20.0	20.7		ug/L		103	75 - 120
1,2-Dibromo-3-Chloropropane	ND		20.0	20.6		ug/L		103	47 - 131
1,2-Dibromoethane	ND		20.0	21.1		ug/L		106	77 - 120



# QC Sample Results

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 410-47736-1 MS

Matrix: Groundwater

Analysis Batch: 152847

Client Sample ID: MW-32

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,2-Dichlorobenzene	ND		20.0	21.1		ug/L		106	80 - 120
1,2-Dichloroethane	ND		20.0	22.2		ug/L		111	73 - 124
1,2-Dichloropropane	ND		20.0	21.5		ug/L		108	80 - 120
1,3,5-Trimethylbenzene	ND		20.0	20.7		ug/L		103	75 - 120
1,3-Dichlorobenzene	ND		20.0	21.3		ug/L		106	80 - 120
1,3-Dichloropropane	ND		20.0	20.5		ug/L		103	80 - 120
1,4-Dichlorobenzene	ND		20.0	20.9		ug/L		104	80 - 120
2,2-Dichloropropane	ND		20.0	23.0		ug/L		115	55 - 142
2-Butanone	ND		250	260		ug/L		104	59 - 135
2-Chlorotoluene	ND		20.0	21.1		ug/L		106	80 - 120
2-Hexanone	ND		250	265		ug/L		106	56 - 135
4-Chlorotoluene	ND		20.0	21.1		ug/L		106	80 - 120
4-Methyl-2-pentanone	ND		250	263		ug/L		105	62 - 133
Acetone	ND		250	248		ug/L		99	54 - 157
Benzene	ND		20.0	22.3		ug/L		112	80 - 120
Bromobenzene	ND		20.0	21.2		ug/L		106	80 - 120
Bromochloromethane	ND		20.0	23.4		ug/L		117	80 - 120
Bromodichloromethane	ND		20.0	21.5		ug/L		107	71 - 120
Bromoform	ND		20.0	20.7		ug/L		104	51 - 120
Bromomethane	ND		20.0	25.2		ug/L		126	53 - 128
Carbon disulfide	ND		20.0	24.0		ug/L		120	65 - 128
Carbon tetrachloride	ND		20.0	23.6		ug/L		118	64 - 134
Chlorobenzene	ND		20.0	22.3		ug/L		112	80 - 120
Chloroethane	ND		20.0	23.6		ug/L		118	55 - 123
Chloroform	ND		20.0	22.7		ug/L		114	80 - 120
Chloromethane	ND	F1 *+	20.0	26.5	F1	ug/L		132	56 - 121
cis-1,2-Dichloroethene	ND		20.0	23.3		ug/L		116	80 - 125
cis-1,3-Dichloropropene	ND		20.0	20.2		ug/L		101	75 - 120
Dibromochloromethane	ND		20.0	21.0		ug/L		105	71 - 120
Dibromomethane	ND		20.0	22.3		ug/L		112	80 - 120
Dichlorodifluoromethane	ND	F1 *+	20.0	34.4	F1	ug/L		172	41 - 127
di-Isopropyl ether	ND		20.0	20.6		ug/L		103	70 - 124
Ethyl t-butyl ether	ND		20.0	21.1		ug/L		106	68 - 121
Ethylbenzene	ND		20.0	22.5		ug/L		112	80 - 120
Hexachlorobutadiene	ND		20.0	21.3		ug/L		107	63 - 120
Isopropylbenzene	ND		20.0	22.7		ug/L		113	80 - 120
m&p-Xylene	ND		40.0	45.0		ug/L		112	80 - 120
Methyl tertiary butyl ether	0.44	J	20.0	22.0		ug/L		108	69 - 122
Methylene Chloride	ND		20.0	23.1		ug/L		115	80 - 120
Naphthalene	ND		20.0	20.3		ug/L		101	53 - 124
n-Butylbenzene	ND		20.0	20.3		ug/L		102	76 - 120
n-Hexane	ND		20.0	21.5		ug/L		108	61 - 138
N-Propylbenzene	ND		20.0	22.0		ug/L		110	79 - 121
o-Xylene	ND		20.0	21.8		ug/L		109	80 - 120
p-Isopropyltoluene	ND		20.0	21.1		ug/L		105	76 - 120
sec-Butylbenzene	ND		20.0	21.2		ug/L		106	77 - 120
Styrene	ND		20.0	21.5		ug/L		107	80 - 120
t-Amyl methyl ether	ND		20.0	20.7		ug/L		103	66 - 120
t-Butyl alcohol	ND		200	231		ug/L		116	60 - 130

Eurofins Lancaster Laboratories Env, LLC

# QC Sample Results

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 410-47736-1 MS

Client Sample ID: MW-32

Matrix: Groundwater

Prep Type: Total/NA

Analysis Batch: 152847

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier		Added	Result				
tert-Butylbenzene	ND		20.0	21.1		ug/L		105	78 - 120
Tetrachloroethene	ND		20.0	21.3		ug/L		106	80 - 120
Toluene	ND		20.0	22.0		ug/L		110	80 - 120
trans-1,2-Dichloroethene	ND		20.0	23.0		ug/L		115	80 - 126
trans-1,3-Dichloropropene	ND		20.0	20.5		ug/L		102	67 - 120
Trichloroethene	ND		20.0	23.4		ug/L		117	80 - 120
Trichlorofluoromethane	ND	F1	20.0	27.2	F1	ug/L		136	55 - 135
Vinyl chloride	ND	F1	20.0	27.4	F1	ug/L		137	56 - 120
Xylene (total)	ND		60.0	66.8		ug/L		111	80 - 120

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: 410-47736-1 MSD

Client Sample ID: MW-32

Matrix: Groundwater

Prep Type: Total/NA

Analysis Batch: 152847

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier		Added	Result						
1,1,1,2-Tetrachloroethane	ND		20.0	21.3		ug/L		107	78 - 120	0	30
1,1,1-Trichloroethane	ND		20.0	23.8		ug/L		119	67 - 126	1	30
1,1,1,2,2-Tetrachloroethane	ND		20.0	21.0		ug/L		105	72 - 120	1	30
1,1,2-Trichloroethane	ND		20.0	21.5		ug/L		107	80 - 120	1	30
1,1-Dichloroethane	ND		20.0	22.5		ug/L		112	80 - 120	0	30
1,1-Dichloroethene	ND		20.0	24.8		ug/L		124	80 - 131	0	30
1,1-Dichloropropene	ND		20.0	23.2		ug/L		116	78 - 120	0	30
1,2,3-Trichlorobenzene	ND		20.0	21.2		ug/L		106	66 - 120	2	30
1,2,3-Trichloropropane	ND		20.0	21.0		ug/L		105	75 - 124	2	30
1,2,4-Trichlorobenzene	ND		20.0	20.3		ug/L		102	63 - 120	0	30
1,2,4-Trimethylbenzene	ND		20.0	20.9		ug/L		105	75 - 120	1	30
1,2-Dibromo-3-Chloropropane	ND		20.0	20.8		ug/L		104	47 - 131	1	30
1,2-Dibromoethane	ND		20.0	21.0		ug/L		105	77 - 120	0	30
1,2-Dichlorobenzene	ND		20.0	21.4		ug/L		107	80 - 120	1	30
1,2-Dichloroethane	ND		20.0	22.1		ug/L		110	73 - 124	1	30
1,2-Dichloropropane	ND		20.0	21.4		ug/L		107	80 - 120	1	30
1,3,5-Trimethylbenzene	ND		20.0	21.2		ug/L		106	75 - 120	3	30
1,3-Dichlorobenzene	ND		20.0	21.2		ug/L		106	80 - 120	0	30
1,3-Dichloropropane	ND		20.0	20.7		ug/L		103	80 - 120	1	30
1,4-Dichlorobenzene	ND		20.0	21.3		ug/L		107	80 - 120	2	30
2,2-Dichloropropane	ND		20.0	23.5		ug/L		118	55 - 142	2	30
2-Butanone	ND		250	259		ug/L		104	59 - 135	0	30
2-Chlorotoluene	ND		20.0	21.5		ug/L		108	80 - 120	2	30
2-Hexanone	ND		250	265		ug/L		106	56 - 135	0	30
4-Chlorotoluene	ND		20.0	21.3		ug/L		106	80 - 120	1	30
4-Methyl-2-pentanone	ND		250	262		ug/L		105	62 - 133	0	30
Acetone	ND		250	253		ug/L		101	54 - 157	2	30

# QC Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 410-47736-1 MSD

Client Sample ID: MW-32

Matrix: Groundwater

Prep Type: Total/NA

Analysis Batch: 152847

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Benzene	ND		20.0	22.4		ug/L		112	80 - 120	0	30
Bromobenzene	ND		20.0	21.5		ug/L		107	80 - 120	1	30
Bromochloromethane	ND		20.0	22.5		ug/L		113	80 - 120	4	30
Bromodichloromethane	ND		20.0	21.4		ug/L		107	71 - 120	0	30
Bromoform	ND		20.0	20.2		ug/L		101	51 - 120	3	30
Bromomethane	ND		20.0	25.3		ug/L		126	53 - 128	0	30
Carbon disulfide	ND		20.0	24.2		ug/L		121	65 - 128	1	30
Carbon tetrachloride	ND		20.0	23.8		ug/L		119	64 - 134	1	30
Chlorobenzene	ND		20.0	22.0		ug/L		110	80 - 120	1	30
Chloroethane	ND		20.0	23.2		ug/L		116	55 - 123	2	30
Chloroform	ND		20.0	23.0		ug/L		115	80 - 120	1	30
Chloromethane	ND	F1 *+	20.0	25.5	F1	ug/L		127	56 - 121	4	30
cis-1,2-Dichloroethene	ND		20.0	22.8		ug/L		114	80 - 125	2	30
cis-1,3-Dichloropropene	ND		20.0	20.3		ug/L		101	75 - 120	0	30
Dibromochloromethane	ND		20.0	20.6		ug/L		103	71 - 120	2	30
Dibromomethane	ND		20.0	22.2		ug/L		111	80 - 120	0	30
Dichlorodifluoromethane	ND	F1 *+	20.0	34.2	F1	ug/L		171	41 - 127	1	30
di-Isopropyl ether	ND		20.0	20.5		ug/L		102	70 - 124	1	30
Ethyl t-butyl ether	ND		20.0	21.4		ug/L		107	68 - 121	1	30
Ethylbenzene	ND		20.0	22.4		ug/L		112	80 - 120	0	30
Hexachlorobutadiene	ND		20.0	22.0		ug/L		110	63 - 120	3	30
Isopropylbenzene	ND		20.0	22.5		ug/L		112	80 - 120	1	30
m&p-Xylene	ND		40.0	44.0		ug/L		110	80 - 120	2	30
Methyl tertiary butyl ether	0.44	J	20.0	22.0		ug/L		108	69 - 122	0	30
Methylene Chloride	ND		20.0	22.6		ug/L		113	80 - 120	2	30
Naphthalene	ND		20.0	20.5		ug/L		103	53 - 124	1	30
n-Butylbenzene	ND		20.0	20.5		ug/L		102	76 - 120	1	30
n-Hexane	ND		20.0	21.4		ug/L		107	61 - 138	0	30
N-Propylbenzene	ND		20.0	21.8		ug/L		109	79 - 121	1	30
o-Xylene	ND		20.0	21.9		ug/L		110	80 - 120	1	30
p-Isopropyltoluene	ND		20.0	21.1		ug/L		105	76 - 120	0	30
sec-Butylbenzene	ND		20.0	21.2		ug/L		106	77 - 120	0	30
Styrene	ND		20.0	21.2		ug/L		106	80 - 120	1	30
t-Amyl methyl ether	ND		20.0	20.7		ug/L		103	66 - 120	0	30
t-Butyl alcohol	ND		200	193		ug/L		96	60 - 130	18	30
tert-Butylbenzene	ND		20.0	21.2		ug/L		106	78 - 120	0	30
Tetrachloroethene	ND		20.0	21.3		ug/L		106	80 - 120	0	30
Toluene	ND		20.0	22.0		ug/L		110	80 - 120	0	30
trans-1,2-Dichloroethene	ND		20.0	22.9		ug/L		115	80 - 126	0	30
trans-1,3-Dichloropropene	ND		20.0	20.4		ug/L		102	67 - 120	1	30
Trichloroethene	ND		20.0	23.0		ug/L		115	80 - 120	2	30
Trichlorofluoromethane	ND	F1	20.0	27.2	F1	ug/L		136	55 - 135	0	30
Vinyl chloride	ND	F1	20.0	27.2	F1	ug/L		136	56 - 120	1	30
Xylene (total)	ND		60.0	65.9		ug/L		110	80 - 120	1	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		80 - 120
1,2-Dichloroethane-d4 (Surr)	100		80 - 120

# QC Sample Results

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 410-47736-1 MSD

Matrix: Groundwater

Analysis Batch: 152847

Client Sample ID: MW-32

Prep Type: Total/NA

Surrogate	MSD		Limits
	%Recovery	Qualifier	
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	98		80 - 120

- 1
- 2
- 3
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- 14
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# QC Association Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

## GC/MS VOA

### Analysis Batch: 152847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-47736-1	MW-32	Total/NA	Groundwater	8260C	
410-47736-2	MW-38B	Total/NA	Groundwater	8260C	
410-47736-3	MW-82B	Total/NA	Groundwater	8260C	
410-47736-4	MW-121	Total/NA	Groundwater	8260C	
LCS 410-152847/4	Lab Control Sample	Total/NA	Water	8260C	
410-47736-1 MS	MW-32	Total/NA	Groundwater	8260C	
410-47736-1 MSD	MW-32	Total/NA	Groundwater	8260C	

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- 2
- 3
- 4
- 5
- 6
- 7
- 8
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- 11
- 12
- 13
- 14
- 15

# Lab Chronicle

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

## Client Sample ID: MW-32

Lab Sample ID: 410-47736-1

Date Collected: 07/14/21 11:00

Matrix: Groundwater

Date Received: 07/19/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152847	07/26/21 23:29	H9JD	ELLE

## Client Sample ID: MW-38B

Lab Sample ID: 410-47736-2

Date Collected: 07/14/21 11:30

Matrix: Groundwater

Date Received: 07/19/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152847	07/26/21 22:27	H9JD	ELLE

## Client Sample ID: MW-82B

Lab Sample ID: 410-47736-3

Date Collected: 07/14/21 13:40

Matrix: Groundwater

Date Received: 07/19/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152847	07/26/21 22:48	H9JD	ELLE

## Client Sample ID: MW-121

Lab Sample ID: 410-47736-4

Date Collected: 07/14/21 10:35

Matrix: Groundwater

Date Received: 07/19/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152847	07/26/21 23:09	H9JD	ELLE

### Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

# Accreditation/Certification Summary

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

## Laboratory: Eurofins Lancaster Laboratories Env, LLC

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

Authority	Program	Identification Number	Expiration Date
Maryland	State	100	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Groundwater	1,1,1,2-Tetrachloroethane
8260C		Groundwater	1,1,1-Trichloroethane
8260C		Groundwater	1,1,2,2-Tetrachloroethane
8260C		Groundwater	1,1,2-Trichloroethane
8260C		Groundwater	1,1-Dichloroethane
8260C		Groundwater	1,1-Dichloroethene
8260C		Groundwater	1,1-Dichloropropene
8260C		Groundwater	1,2,3-Trichlorobenzene
8260C		Groundwater	1,2,3-Trichloropropane
8260C		Groundwater	1,2,4-Trichlorobenzene
8260C		Groundwater	1,2,4-Trimethylbenzene
8260C		Groundwater	1,2-Dibromo-3-Chloropropane
8260C		Groundwater	1,2-Dibromoethane
8260C		Groundwater	1,2-Dichlorobenzene
8260C		Groundwater	1,2-Dichloroethane
8260C		Groundwater	1,2-Dichloropropane
8260C		Groundwater	1,3,5-Trimethylbenzene
8260C		Groundwater	1,3-Dichlorobenzene
8260C		Groundwater	1,3-Dichloropropane
8260C		Groundwater	1,4-Dichlorobenzene
8260C		Groundwater	2,2-Dichloropropane
8260C		Groundwater	2-Butanone
8260C		Groundwater	2-Chlorotoluene
8260C		Groundwater	2-Hexanone
8260C		Groundwater	4-Chlorotoluene
8260C		Groundwater	4-Methyl-2-pentanone
8260C		Groundwater	Acetone
8260C		Groundwater	Benzene
8260C		Groundwater	Bromobenzene
8260C		Groundwater	Bromochloromethane
8260C		Groundwater	Bromodichloromethane
8260C		Groundwater	Bromoform
8260C		Groundwater	Bromomethane
8260C		Groundwater	Carbon disulfide
8260C		Groundwater	Carbon tetrachloride
8260C		Groundwater	Chlorobenzene
8260C		Groundwater	Chloroethane
8260C		Groundwater	Chloroform
8260C		Groundwater	Chloromethane
8260C		Groundwater	cis-1,2-Dichloroethene
8260C		Groundwater	cis-1,3-Dichloropropene
8260C		Groundwater	Dibromochloromethane
8260C		Groundwater	Dibromomethane
8260C		Groundwater	Dichlorodifluoromethane
8260C		Groundwater	di-Isopropyl ether

# Accreditation/Certification Summary

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

## Laboratory: Eurofins Lancaster Laboratories Env, LLC (Continued)

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

Authority	Program	Identification Number	Expiration Date
Maryland	State	100	06-30-22
8260C	Groundwater	Ethyl t-butyl ether	
8260C	Groundwater	Ethylbenzene	
8260C	Groundwater	Hexachlorobutadiene	
8260C	Groundwater	Isopropylbenzene	
8260C	Groundwater	m&p-Xylene	
8260C	Groundwater	Methyl tertiary butyl ether	
8260C	Groundwater	Methylene Chloride	
8260C	Groundwater	Naphthalene	
8260C	Groundwater	n-Butylbenzene	
8260C	Groundwater	n-Hexane	
8260C	Groundwater	N-Propylbenzene	
8260C	Groundwater	o-Xylene	
8260C	Groundwater	p-Isopropyltoluene	
8260C	Groundwater	sec-Butylbenzene	
8260C	Groundwater	Styrene	
8260C	Groundwater	t-Amyl methyl ether	
8260C	Groundwater	t-Butyl alcohol	
8260C	Groundwater	tert-Butylbenzene	
8260C	Groundwater	Tetrachloroethene	
8260C	Groundwater	Toluene	
8260C	Groundwater	trans-1,2-Dichloroethene	
8260C	Groundwater	trans-1,3-Dichloropropene	
8260C	Groundwater	Trichloroethene	
8260C	Groundwater	Trichlorofluoromethane	
8260C	Groundwater	Vinyl chloride	
8260C	Groundwater	Xylene (total)	





# Method Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300





CHAIN OF CUS

Eurofins Lancaster Labort  
2425 New Holland Pike, I  
TEL 717-65  
www.lancaster



410-47736 Chain of Custody

Drop Box - MW

PAGE \_\_\_ OF \_\_\_

Client / Reporting Information		SITE NAME - Provide Site Name for Retail or AFE Number for Major Projects										Requested Analysis ( see TEST CODE sheet)										Matrix Codes								
Company Name <b>Kleinfelder</b>		Retail Project (Site Name) <b>Exxon - Phoenix 28077</b>					Company Name <b>ExxonMobil Environmental Services Co.</b>															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								
Street Address <b>1745 Dorsey Road, Suite J</b>		Major Project (AFE) <b>14258 Jarrettsville Pike</b>					If Project is Direct Bill to Consultant Company Name																							
City State Zip <b>Hanover, MD 21076</b>		Project Name <b>Phoenix MD</b>					Street Address																							
Project Contact E-mail <b>Mark Schaaf</b>		City State <b>Phoenix MD</b>					City State Zip																							
Phone # Fax # <b>410-850-0404 410-850-0049</b>		ExxonMobil Manager					City State Zip																							
Sampler(s) Name(s) Phone # <b>Charlie Brehm</b>		ExxonMobil Purchase Order #					Attention: PO#																							
Lancaster Sample #		Field ID / Point of Collection		MEOH/DI Vial #		Collection		Matrix		# of bottles		Number of preserved Bottles								LAB USE ONLY										
		<b>MW-32</b>				Date Time		Sampled by		Matrix		# of bottles		HCl		NaOH		HNO3		H2SO4		NONE		DI Water		MEOH		ENCORE		
		<b>MW-38B</b>				7/14/21 1100		CB		GW		3		X																X
		<b>MW-82B</b>				7/14/21 1130		CB		GW		3		X																X
		<b>MW-121</b>				7/14/21 1340		CB		GW		3		X																X
						7/14/21 1035		CB		GW		3		X																X

Data Deliverable Information										Comments / Special Instructions														
<input checked="" type="checkbox"/> Std. 10 Business Days <input type="checkbox"/> 8 Day RUSH <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY					Approved By (Accutest PM): / Date: _____					<input checked="" type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> NYASP Category A <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> NYASP Category B <input type="checkbox"/> FULLT1 (Level 3+4) <input type="checkbox"/> State Forms <input type="checkbox"/> NJ Reduced <input type="checkbox"/> EDD Format <input type="checkbox"/> Commercial "C" <input type="checkbox"/> Other _____														
Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data																								

Sample Custody must be documented below each time samples change possession, including courier delivery.													
Relinquished by Sampler:		Date Time:		Received By:		Date Time:		Relinquished By:		Date Time:		Received By:	
1				1 John 7/19/21 15:04		2 John 7/19/21 16:28		2					
3				3		4		4					
Relinquished by:		Date Time:		Received By:		Custody Seal #		<input type="checkbox"/> Intact <input type="checkbox"/> Not intact		Preserved where applicable		<input type="checkbox"/> On Ice <input type="checkbox"/> Cooler Temp.	
5				5									

SB 7/19/21 10:48 1.5 jlu 7/27/2021

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## Login Sample Receipt Checklist

Client: Kleinfelder Inc

Job Number: 410-47736-1

**Login Number: 47736**

**List Source: Eurofins Lancaster Laboratories Env, LLC**

**List Number: 1**

**Creator: Knoedler, Christine M**

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	N/A	

# Definitions/Glossary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-47736-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC  
2425 New Holland Pike  
Lancaster, PA 17601  
Tel: (717)656-2300

Laboratory Job ID: 410-52352-1  
Client Project/Site: 2-8077 - Phoenix, MD

For:  
Kleinfelder Inc  
1745 Dorsey Road  
Suite J  
Hanover, Maryland 21076

Attn: Mark Schaaf



---

Authorized for release by:  
9/2/2021 8:47:54 AM

Megan Moeller, Client Services Group Leader  
(717)556-7261  
[Megan.Moeller@eurofinset.com](mailto:Megan.Moeller@eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

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



Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
  - Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
  - Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Megan Moeller  
Client Services Group Leader  
9/2/2021 8:47:54 AM



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# Sample Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-52352-1	MW-16	Groundwater	08/19/21 08:30	08/23/21 16:45
410-52352-2	MW-27	Groundwater	08/19/21 08:50	08/23/21 16:45
410-52352-3	MW-54B	Groundwater	08/19/21 10:45	08/23/21 16:45
410-52352-4	MW-82D	Groundwater	08/19/21 11:30	08/23/21 16:45
410-52352-5	MW-181A	Groundwater	08/19/21 10:25	08/23/21 16:45
410-52352-6	MW-7	Groundwater	08/19/21 08:00	08/23/21 16:45
410-52352-7	MW-27B	Groundwater	08/19/21 09:10	08/23/21 16:45
410-52352-8	MW-32	Groundwater	08/19/21 09:45	08/23/21 16:45
410-52352-9	MW-38B	Groundwater	08/19/21 11:05	08/23/21 16:45

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# Case Narrative

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

---

## Job ID: 410-52352-1

---

Laboratory: Eurofins Lancaster Laboratories Env, LLC

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### Narrative

#### Job Narrative 410-52352-1

#### Receipt

The samples were received on 8/23/2021 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.1°C

#### Receipt Exceptions

A trip blank was not submitted for analysis with this sample shipment; and was not listed on the Chain of Custody (COC).

#### GC/MS VOA

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



# Detection Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

## Client Sample ID: MW-16

Lab Sample ID: 410-52352-1

No Detections.

## Client Sample ID: MW-27

Lab Sample ID: 410-52352-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	1.3		1.0	0.20	ug/L	1		8260C/UST	Total/NA

## Client Sample ID: MW-54B

Lab Sample ID: 410-52352-3

No Detections.

## Client Sample ID: MW-82D

Lab Sample ID: 410-52352-4

No Detections.

## Client Sample ID: MW-181A

Lab Sample ID: 410-52352-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	1.2		1.0	0.20	ug/L	1		8260C/UST	Total/NA

## Client Sample ID: MW-7

Lab Sample ID: 410-52352-6

No Detections.

## Client Sample ID: MW-27B

Lab Sample ID: 410-52352-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.77	J	1.0	0.20	ug/L	1		8260C/UST	Total/NA

## Client Sample ID: MW-32

Lab Sample ID: 410-52352-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	1.2		1.0	0.20	ug/L	1		8260C/UST	Total/NA

## Client Sample ID: MW-38B

Lab Sample ID: 410-52352-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

**Client Sample ID: MW-16**

**Lab Sample ID: 410-52352-1**

**Date Collected: 08/19/21 08:30**

**Matrix: Groundwater**

**Date Received: 08/23/21 16:45**

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			09/01/21 15:38	1
Toluene	ND		1.0	0.30	ug/L			09/01/21 15:38	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/01/21 15:38	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 15:38	1
Benzene	ND		1.0	0.30	ug/L			09/01/21 15:38	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 15:38	1
DIPE	ND		1.0	0.20	ug/L			09/01/21 15:38	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			09/01/21 15:38	1
t-Butyl alcohol	ND		50	12	ug/L			09/01/21 15:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		80 - 120		09/01/21 15:38	1
4-Bromofluorobenzene (Surr)	95		80 - 120		09/01/21 15:38	1
Dibromofluoromethane (Surr)	99		80 - 120		09/01/21 15:38	1
Toluene-d8 (Surr)	100		80 - 120		09/01/21 15:38	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

**Client Sample ID: MW-27**

**Lab Sample ID: 410-52352-2**

Date Collected: 08/19/21 08:50

Matrix: Groundwater

Date Received: 08/23/21 16:45

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			09/01/21 16:02	1
Toluene	ND		1.0	0.30	ug/L			09/01/21 16:02	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/01/21 16:02	1
<b>Methyl tert-butyl ether</b>	<b>1.3</b>		1.0	0.20	ug/L			09/01/21 16:02	1
Benzene	ND		1.0	0.30	ug/L			09/01/21 16:02	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 16:02	1
DIPE	ND		1.0	0.20	ug/L			09/01/21 16:02	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			09/01/21 16:02	1
t-Butyl alcohol	ND		50	12	ug/L			09/01/21 16:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		09/01/21 16:02	1
4-Bromofluorobenzene (Surr)	96		80 - 120		09/01/21 16:02	1
Dibromofluoromethane (Surr)	99		80 - 120		09/01/21 16:02	1
Toluene-d8 (Surr)	101		80 - 120		09/01/21 16:02	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

**Client Sample ID: MW-54B**

**Lab Sample ID: 410-52352-3**

Date Collected: 08/19/21 10:45

Matrix: Groundwater

Date Received: 08/23/21 16:45

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			09/01/21 16:26	1
Toluene	ND		1.0	0.30	ug/L			09/01/21 16:26	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/01/21 16:26	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 16:26	1
Benzene	ND		1.0	0.30	ug/L			09/01/21 16:26	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 16:26	1
DIPE	ND		1.0	0.20	ug/L			09/01/21 16:26	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			09/01/21 16:26	1
t-Butyl alcohol	ND		50	12	ug/L			09/01/21 16:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		09/01/21 16:26	1
4-Bromofluorobenzene (Surr)	96		80 - 120		09/01/21 16:26	1
Dibromofluoromethane (Surr)	99		80 - 120		09/01/21 16:26	1
Toluene-d8 (Surr)	99		80 - 120		09/01/21 16:26	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

**Client Sample ID: MW-82D**

**Lab Sample ID: 410-52352-4**

Date Collected: 08/19/21 11:30

Matrix: Groundwater

Date Received: 08/23/21 16:45

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			09/01/21 17:38	1
Toluene	ND		1.0	0.30	ug/L			09/01/21 17:38	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/01/21 17:38	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 17:38	1
Benzene	ND		1.0	0.30	ug/L			09/01/21 17:38	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 17:38	1
DIPE	ND		1.0	0.20	ug/L			09/01/21 17:38	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			09/01/21 17:38	1
t-Butyl alcohol	ND		50	12	ug/L			09/01/21 17:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		09/01/21 17:38	1
4-Bromofluorobenzene (Surr)	96		80 - 120		09/01/21 17:38	1
Dibromofluoromethane (Surr)	101		80 - 120		09/01/21 17:38	1
Toluene-d8 (Surr)	101		80 - 120		09/01/21 17:38	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

**Client Sample ID: MW-181A**

**Lab Sample ID: 410-52352-5**

Date Collected: 08/19/21 10:25

Matrix: Groundwater

Date Received: 08/23/21 16:45

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			09/01/21 18:02	1
Toluene	ND		1.0	0.30	ug/L			09/01/21 18:02	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/01/21 18:02	1
<b>Methyl tert-butyl ether</b>	<b>1.2</b>		1.0	0.20	ug/L			09/01/21 18:02	1
Benzene	ND		1.0	0.30	ug/L			09/01/21 18:02	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 18:02	1
DIPE	ND		1.0	0.20	ug/L			09/01/21 18:02	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			09/01/21 18:02	1
t-Butyl alcohol	ND		50	12	ug/L			09/01/21 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		09/01/21 18:02	1
4-Bromofluorobenzene (Surr)	94		80 - 120		09/01/21 18:02	1
Dibromofluoromethane (Surr)	98		80 - 120		09/01/21 18:02	1
Toluene-d8 (Surr)	101		80 - 120		09/01/21 18:02	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

**Client Sample ID: MW-7**

**Lab Sample ID: 410-52352-6**

Date Collected: 08/19/21 08:00

Matrix: Groundwater

Date Received: 08/23/21 16:45

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			09/01/21 18:26	1
Toluene	ND		1.0	0.30	ug/L			09/01/21 18:26	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/01/21 18:26	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 18:26	1
Benzene	ND		1.0	0.30	ug/L			09/01/21 18:26	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 18:26	1
DIPE	ND		1.0	0.20	ug/L			09/01/21 18:26	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			09/01/21 18:26	1
t-Butyl alcohol	ND		50	12	ug/L			09/01/21 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		09/01/21 18:26	1
4-Bromofluorobenzene (Surr)	95		80 - 120		09/01/21 18:26	1
Dibromofluoromethane (Surr)	100		80 - 120		09/01/21 18:26	1
Toluene-d8 (Surr)	99		80 - 120		09/01/21 18:26	1



# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

**Client Sample ID: MW-27B**

**Lab Sample ID: 410-52352-7**

Date Collected: 08/19/21 09:10

Matrix: Groundwater

Date Received: 08/23/21 16:45

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			09/01/21 18:49	1
Toluene	ND		1.0	0.30	ug/L			09/01/21 18:49	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/01/21 18:49	1
<b>Methyl tert-butyl ether</b>	<b>0.77</b>	<b>J</b>	1.0	0.20	ug/L			09/01/21 18:49	1
Benzene	ND		1.0	0.30	ug/L			09/01/21 18:49	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 18:49	1
DIPE	ND		1.0	0.20	ug/L			09/01/21 18:49	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			09/01/21 18:49	1
t-Butyl alcohol	ND		50	12	ug/L			09/01/21 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		09/01/21 18:49	1
4-Bromofluorobenzene (Surr)	95		80 - 120		09/01/21 18:49	1
Dibromofluoromethane (Surr)	100		80 - 120		09/01/21 18:49	1
Toluene-d8 (Surr)	101		80 - 120		09/01/21 18:49	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

**Client Sample ID: MW-32**

**Lab Sample ID: 410-52352-8**

Date Collected: 08/19/21 09:45

Matrix: Groundwater

Date Received: 08/23/21 16:45

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			09/01/21 19:13	1
Toluene	ND		1.0	0.30	ug/L			09/01/21 19:13	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/01/21 19:13	1
<b>Methyl tert-butyl ether</b>	<b>1.2</b>		1.0	0.20	ug/L			09/01/21 19:13	1
Benzene	ND		1.0	0.30	ug/L			09/01/21 19:13	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 19:13	1
DIPE	ND		1.0	0.20	ug/L			09/01/21 19:13	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			09/01/21 19:13	1
t-Butyl alcohol	ND		50	12	ug/L			09/01/21 19:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		09/01/21 19:13	1
4-Bromofluorobenzene (Surr)	96		80 - 120		09/01/21 19:13	1
Dibromofluoromethane (Surr)	100		80 - 120		09/01/21 19:13	1
Toluene-d8 (Surr)	100		80 - 120		09/01/21 19:13	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

**Client Sample ID: MW-38B**

**Lab Sample ID: 410-52352-9**

Date Collected: 08/19/21 11:05

Matrix: Groundwater

Date Received: 08/23/21 16:45

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			09/01/21 19:37	1
Toluene	ND		1.0	0.30	ug/L			09/01/21 19:37	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/01/21 19:37	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 19:37	1
Benzene	ND		1.0	0.30	ug/L			09/01/21 19:37	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 19:37	1
DIPE	ND		1.0	0.20	ug/L			09/01/21 19:37	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			09/01/21 19:37	1
t-Butyl alcohol	ND		50	12	ug/L			09/01/21 19:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		09/01/21 19:37	1
4-Bromofluorobenzene (Surr)	95		80 - 120		09/01/21 19:37	1
Dibromofluoromethane (Surr)	100		80 - 120		09/01/21 19:37	1
Toluene-d8 (Surr)	99		80 - 120		09/01/21 19:37	1

# Surrogate Summary

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS)

Matrix: Groundwater

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (80-120)	BFB (80-120)	DBFM (80-120)	TOL (80-120)
410-52352-1	MW-16	95	95	99	100
410-52352-2	MW-27	96	96	99	101
410-52352-3	MW-54B	96	96	99	99
410-52352-3 MS	MW-54B	96	97	100	100
410-52352-3 MSD	MW-54B	96	98	98	101
410-52352-4	MW-82D	96	96	101	101
410-52352-5	MW-181A	96	94	98	101
410-52352-6	MW-7	98	95	100	99
410-52352-7	MW-27B	98	95	100	101
410-52352-8	MW-32	97	96	100	100
410-52352-9	MW-38B	98	95	100	99

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)  
 BFB = 4-Bromofluorobenzene (Surr)  
 DBFM = Dibromofluoromethane (Surr)  
 TOL = Toluene-d8 (Surr)

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (80-120)	BFB (80-120)	DBFM (80-120)	TOL (80-120)
LCS 410-166902/4	Lab Control Sample	97	97	99	101
LCSD 410-166902/5	Lab Control Sample Dup	96	96	97	101
MB 410-166902/6	Method Blank	95	95	98	100

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)  
 BFB = 4-Bromofluorobenzene (Surr)  
 DBFM = Dibromofluoromethane (Surr)  
 TOL = Toluene-d8 (Surr)

# QC Sample Results

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 410-166902/6**  
**Matrix: Water**  
**Analysis Batch: 166902**

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Ethylbenzene	ND		1.0	0.40	ug/L			09/01/21 13:12	1
Toluene	ND		1.0	0.30	ug/L			09/01/21 13:12	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/01/21 13:12	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 13:12	1
Benzene	ND		1.0	0.30	ug/L			09/01/21 13:12	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			09/01/21 13:12	1
DIPE	ND		1.0	0.20	ug/L			09/01/21 13:12	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			09/01/21 13:12	1
t-Butyl alcohol	ND		50	12	ug/L			09/01/21 13:12	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	95		80 - 120		09/01/21 13:12	1
4-Bromofluorobenzene (Surr)	95		80 - 120		09/01/21 13:12	1
Dibromofluoromethane (Surr)	98		80 - 120		09/01/21 13:12	1
Toluene-d8 (Surr)	100		80 - 120		09/01/21 13:12	1

**Lab Sample ID: LCS 410-166902/4**  
**Matrix: Water**  
**Analysis Batch: 166902**

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Ethylbenzene	20.0	18.4		ug/L		92	80 - 120
Toluene	20.0	18.2		ug/L		91	80 - 120
Xylenes, Total	60.0	55.0		ug/L		92	80 - 120
Methyl tert-butyl ether	20.0	16.9		ug/L		84	69 - 122
Benzene	20.0	17.4		ug/L		87	80 - 120
Ethyl tert-butyl ether	20.0	16.6		ug/L		83	68 - 121
DIPE	20.0	16.6		ug/L		83	70 - 124
Tert-amyl methyl ether	20.0	17.3		ug/L		86	66 - 120
t-Butyl alcohol	200	187		ug/L		93	60 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		80 - 120
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	101		80 - 120

**Lab Sample ID: LCSD 410-166902/5**  
**Matrix: Water**  
**Analysis Batch: 166902**

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

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
		Result	Qualifier						
Ethylbenzene	20.0	19.7		ug/L		98	80 - 120	7	30
Toluene	20.0	19.3		ug/L		97	80 - 120	6	30
Xylenes, Total	60.0	58.7		ug/L		98	80 - 120	7	30
Methyl tert-butyl ether	20.0	17.8		ug/L		89	69 - 122	5	30
Benzene	20.0	18.7		ug/L		93	80 - 120	7	30
Ethyl tert-butyl ether	20.0	17.5		ug/L		88	68 - 121	6	30

Eurofins Lancaster Laboratories Env, LLC

# QC Sample Results

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 410-166902/5

Matrix: Water

Analysis Batch: 166902

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
DIPE	20.0	17.7		ug/L		88	70 - 124	7	30
Tert-amyl methyl ether	20.0	18.9		ug/L		94	66 - 120	9	30
t-Butyl alcohol	200	200		ug/L		100	60 - 130	7	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	97		80 - 120
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: 410-52352-3 MS

Matrix: Groundwater

Analysis Batch: 166902

Client Sample ID: MW-54B

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	ND		20.0	17.6		ug/L		88	80 - 120		
Toluene	ND		20.0	17.3		ug/L		86	80 - 120		
Xylenes, Total	ND		60.0	51.8		ug/L		86	80 - 120		
Methyl tert-butyl ether	ND		20.0	14.9		ug/L		75	69 - 122		
Benzene	ND		20.0	16.6		ug/L		83	80 - 120		
Ethyl tert-butyl ether	ND		20.0	14.9		ug/L		74	68 - 121		
DIPE	ND		20.0	15.1		ug/L		76	70 - 124		
Tert-amyl methyl ether	ND		20.0	15.1		ug/L		76	66 - 120		
t-Butyl alcohol	ND		200	158		ug/L		79	60 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: 410-52352-3 MSD

Matrix: Groundwater

Analysis Batch: 166902

Client Sample ID: MW-54B

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	ND		20.0	21.2		ug/L		106	80 - 120	19	30
Toluene	ND		20.0	21.0		ug/L		105	80 - 120	19	30
Xylenes, Total	ND		60.0	63.3		ug/L		106	80 - 120	20	30
Methyl tert-butyl ether	ND		20.0	18.0		ug/L		90	69 - 122	19	30
Benzene	ND		20.0	20.1		ug/L		100	80 - 120	19	30
Ethyl tert-butyl ether	ND		20.0	17.8		ug/L		89	68 - 121	18	30
DIPE	ND		20.0	18.2		ug/L		91	70 - 124	18	30
Tert-amyl methyl ether	ND		20.0	18.1		ug/L		91	66 - 120	18	30
t-Butyl alcohol	ND		200	193		ug/L		97	60 - 130	20	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		80 - 120

# QC Sample Results

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-52352-3 MSD  
Matrix: Groundwater  
Analysis Batch: 166902

Client Sample ID: MW-54B  
Prep Type: Total/NA

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	98		80 - 120
Toluene-d8 (Surr)	101		80 - 120

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# QC Association Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

## GC/MS VOA

### Analysis Batch: 166902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-52352-1	MW-16	Total/NA	Groundwater	8260C/UST	
410-52352-2	MW-27	Total/NA	Groundwater	8260C/UST	
410-52352-3	MW-54B	Total/NA	Groundwater	8260C/UST	
410-52352-4	MW-82D	Total/NA	Groundwater	8260C/UST	
410-52352-5	MW-181A	Total/NA	Groundwater	8260C/UST	
410-52352-6	MW-7	Total/NA	Groundwater	8260C/UST	
410-52352-7	MW-27B	Total/NA	Groundwater	8260C/UST	
410-52352-8	MW-32	Total/NA	Groundwater	8260C/UST	
410-52352-9	MW-38B	Total/NA	Groundwater	8260C/UST	
MB 410-166902/6	Method Blank	Total/NA	Water	8260C/UST	
LCS 410-166902/4	Lab Control Sample	Total/NA	Water	8260C/UST	
LCSD 410-166902/5	Lab Control Sample Dup	Total/NA	Water	8260C/UST	
410-52352-3 MS	MW-54B	Total/NA	Groundwater	8260C/UST	
410-52352-3 MSD	MW-54B	Total/NA	Groundwater	8260C/UST	



# Lab Chronicle

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

## Client Sample ID: MW-16

Lab Sample ID: 410-52352-1

Date Collected: 08/19/21 08:30

Matrix: Groundwater

Date Received: 08/23/21 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	166902	09/01/21 15:38	UKAD	ELLE

## Client Sample ID: MW-27

Lab Sample ID: 410-52352-2

Date Collected: 08/19/21 08:50

Matrix: Groundwater

Date Received: 08/23/21 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	166902	09/01/21 16:02	UKAD	ELLE

## Client Sample ID: MW-54B

Lab Sample ID: 410-52352-3

Date Collected: 08/19/21 10:45

Matrix: Groundwater

Date Received: 08/23/21 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	166902	09/01/21 16:26	UKAD	ELLE

## Client Sample ID: MW-82D

Lab Sample ID: 410-52352-4

Date Collected: 08/19/21 11:30

Matrix: Groundwater

Date Received: 08/23/21 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	166902	09/01/21 17:38	UKAD	ELLE

## Client Sample ID: MW-181A

Lab Sample ID: 410-52352-5

Date Collected: 08/19/21 10:25

Matrix: Groundwater

Date Received: 08/23/21 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	166902	09/01/21 18:02	UKAD	ELLE

## Client Sample ID: MW-7

Lab Sample ID: 410-52352-6

Date Collected: 08/19/21 08:00

Matrix: Groundwater

Date Received: 08/23/21 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	166902	09/01/21 18:26	UKAD	ELLE

## Client Sample ID: MW-27B

Lab Sample ID: 410-52352-7

Date Collected: 08/19/21 09:10

Matrix: Groundwater

Date Received: 08/23/21 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	166902	09/01/21 18:49	UKAD	ELLE

# Lab Chronicle

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

## Client Sample ID: MW-32

Lab Sample ID: 410-52352-8

Date Collected: 08/19/21 09:45

Matrix: Groundwater

Date Received: 08/23/21 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	166902	09/01/21 19:13	UKAD	ELLE

## Client Sample ID: MW-38B

Lab Sample ID: 410-52352-9

Date Collected: 08/19/21 11:05

Matrix: Groundwater

Date Received: 08/23/21 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	166902	09/01/21 19:37	UKAD	ELLE

### Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

# Accreditation/Certification Summary

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

## Laboratory: Eurofins Lancaster Laboratories Env, LLC

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

Authority	Program	Identification Number	Expiration Date
Maryland	State	100	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C/UST		Groundwater	Benzene
8260C/UST		Groundwater	DIPE
8260C/UST		Groundwater	Ethyl tert-butyl ether
8260C/UST		Groundwater	Ethylbenzene
8260C/UST		Groundwater	Methyl tert-butyl ether
8260C/UST		Groundwater	t-Butyl alcohol
8260C/UST		Groundwater	Tert-amyl methyl ether
8260C/UST		Groundwater	Toluene
8260C/UST		Groundwater	Xylenes, Total



# Method Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

Method	Method Description	Protocol	Laboratory
8260C/UST	Volatile Organic Compounds (GC/MS)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300





CHAI



410-52352 Chain of Custody

TEL: 717-630-2300  
www.lancasterlabs.com

bil Projects Drop Box - MW PAGE \_\_\_ OF \_\_\_

FED-EX Tracking #	Bottle Order Control #
Lancaster Quote #	Lancaster Job #

Client / Reporting Information		SITE NAME - Provide Site Name for Retail or AFE Number for Major Projects				Requested Analysis ( see TEST CODE sheet)												Matrix Codes
Company Name <b>Kleinfelder</b>		Retail Project (Site Name) <b>Exxon - Phoenix 28077</b>		ExxonMobil Environmental Services Co.														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
Street Address <b>1745 Dorsey Road, Suite J</b>		Major Project (AFE)		If Project is Direct Bill to Consultant														
City State Zip <b>Hanover, MD 21076</b>		Project Name <b>14258 Jarrettsville Pike</b>		Company Name														
Project Contact E-mail <b>Mark Schaaf</b>		City State <b>Phoenix MD</b>		Street Address														
Phone # Fax # <b>410-850-0404 410-850-0049</b>		ExxonMobil Manager		City State Zip														
Sampler(s) Name(s) Phone # <b>Charlie Brehm</b>		ExxonMobil Purchase Order #		Attention: PO#														

Lancaster Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection			Matrix	# of bottles	Number of preserved Bottles											MTBE, BTEX, ETBE, TAME, DIPE, TBA by EPA 8260B	Full List VOCs + Oxyd by 8260	LAB USE ONLY
			Date	Time	Sampled by			HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE						
	MW-16		8/19/21	0830	CB	GW	3	X										X			
	MW-27		8/19/21	0850	CB	GW	3	X										X			
	MW-54B		8/19/21	1045	CB	GW	3	X										X			
	MW-82D		8/19/21	1130	CB	GW	3	X										X			
	MW-181A		8/19/21	1025	CB	GW	3	X										X			
	MW-7		8/19/21	0800	CB	GW	3	X										X			
	MW-27B		8/19/21	0910	CB	GW	3	X										X			
	MW-32		8/19/21	0945	CB	GW	3	X										X			
	MW-38B		8/19/21	1105	CB	GW	3	X										X			

<input checked="" type="checkbox"/> Std. 10 Business Days <input type="checkbox"/> 8 Day RUSH <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY		Approved By (Accutest PM): / Date: _____ _____ _____	<input checked="" type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> NYASP Category A <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> NYASP Category B <input type="checkbox"/> FULLT1 (Level 3+4) <input type="checkbox"/> State Forms <input type="checkbox"/> NJ Reduced <input type="checkbox"/> EDD Format <input type="checkbox"/> Commercial "C" <input type="checkbox"/> Other _____  Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data	Comments / Special Instructions _____ _____ _____
---	--	---	--	--

Sample Custody must be documented below each time samples change possession, including courier delivery.							
Relinquished by Sampler: 1 <i>[Signature]</i>	Date Time:	Received By: 1 <i>John 8/23/21 14:45</i>	Relinquished By: 2 <i>John 8/23/21 16:18</i>	Date Time:	Received By:		
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4		
Relinquished by: 5 <i>[Signature]</i>	Date Time: 8/23/21 16:45	Received By: 5 <i>[Signature]</i>	Custody Seal #	<input type="checkbox"/> Intact <input type="checkbox"/> Not intact	Preserved where applicable <input type="checkbox"/>	On Ice <input checked="" type="checkbox"/>	Cooler Temp. 5.1



## Login Sample Receipt Checklist

Client: Kleinfelder Inc

Job Number: 410-52352-1

Login Number: 52352

List Source: Eurofins Lancaster Laboratories Env, LLC

List Number: 1

Creator: Jeremiah, Cory T

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	N/A	

# Definitions/Glossary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52352-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC  
2425 New Holland Pike  
Lancaster, PA 17601  
Tel: (717)656-2300

Laboratory Job ID: 410-52353-1  
Client Project/Site: 2-8077 - Phoenix, MD

For:  
Kleinfelder Inc  
1745 Dorsey Road  
Suite J  
Hanover, Maryland 21076

Attn: Mark Schaaf



---

Authorized for release by:  
9/3/2021 5:31:10 PM

Megan Moeller, Client Services Group Leader  
(717)556-7261  
[Megan.Moeller@eurofinset.com](mailto:Megan.Moeller@eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



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

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





Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
  - Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
  - Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Megan Moeller  
Client Services Group Leader  
9/3/2021 5:31:10 PM



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# Sample Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52353-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-52353-1	MW-82B	Groundwater	08/19/21 11:50	08/23/21 16:45
410-52353-2	MW-121	Groundwater	08/19/21 10:00	08/23/21 16:45

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# Case Narrative

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52353-1

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**Job ID: 410-52353-1**

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**Laboratory: Eurofins Lancaster Laboratories Env, LLC**

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**Narrative**

**Job Narrative  
410-52353-1**

**Receipt**

The samples were received on 8/23/2021 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.1°C

**Receipt Exceptions**

A trip blank was not submitted for analysis with this sample shipment; and was not listed on the Chain of Custody (COC).

**GC/MS VOA**

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

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- 10
- 11
- 12
- 13
- 14
- 15

# Detection Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52353-1

**Client Sample ID: MW-82B**

**Lab Sample ID: 410-52353-1**

No Detections.

**Client Sample ID: MW-121**

**Lab Sample ID: 410-52353-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.96	J	1.0	0.20	ug/L	1		8260C/UST	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52353-1

**Client Sample ID: MW-82B**

**Lab Sample ID: 410-52353-1**

**Date Collected: 08/19/21 11:50**

**Matrix: Groundwater**

**Date Received: 08/23/21 16:45**

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			09/02/21 17:20	1
Toluene	ND		1.0	0.30	ug/L			09/02/21 17:20	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/02/21 17:20	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			09/02/21 17:20	1
Benzene	ND		1.0	0.30	ug/L			09/02/21 17:20	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			09/02/21 17:20	1
DIPE	ND		1.0	0.20	ug/L			09/02/21 17:20	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			09/02/21 17:20	1
t-Butyl alcohol	ND		50	12	ug/L			09/02/21 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		09/02/21 17:20	1
4-Bromofluorobenzene (Surr)	96		80 - 120		09/02/21 17:20	1
Dibromofluoromethane (Surr)	100		80 - 120		09/02/21 17:20	1
Toluene-d8 (Surr)	100		80 - 120		09/02/21 17:20	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52353-1

**Client Sample ID: MW-121**  
**Date Collected: 08/19/21 10:00**  
**Date Received: 08/23/21 16:45**

**Lab Sample ID: 410-52353-2**  
**Matrix: Groundwater**

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			09/02/21 18:32	1
Toluene	ND		1.0	0.30	ug/L			09/02/21 18:32	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/02/21 18:32	1
<b>Methyl tert-butyl ether</b>	<b>0.96</b>	<b>J</b>	1.0	0.20	ug/L			09/02/21 18:32	1
Benzene	ND		1.0	0.30	ug/L			09/02/21 18:32	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			09/02/21 18:32	1
DIPE	ND		1.0	0.20	ug/L			09/02/21 18:32	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			09/02/21 18:32	1
t-Butyl alcohol	ND		50	12	ug/L			09/02/21 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		09/02/21 18:32	1
4-Bromofluorobenzene (Surr)	95		80 - 120		09/02/21 18:32	1
Dibromofluoromethane (Surr)	101		80 - 120		09/02/21 18:32	1
Toluene-d8 (Surr)	100		80 - 120		09/02/21 18:32	1

# Surrogate Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52353-1

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS)

Matrix: Groundwater

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (80-120)	BFB (80-120)	DBFM (80-120)	TOL (80-120)
410-52353-1	MW-82B	97	96	100	100
410-52353-1 MS	MW-82B	97	96	100	101
410-52353-1 MSD	MW-82B	98	99	101	101
410-52353-2	MW-121	97	95	101	100

#### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (80-120)	BFB (80-120)	DBFM (80-120)	TOL (80-120)
LCS 410-167350/4	Lab Control Sample	97	98	99	101
MB 410-167350/6	Method Blank	97	94	101	99

#### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)



# QC Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52353-1

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 410-167350/6**  
**Matrix: Water**  
**Analysis Batch: 167350**

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			09/02/21 14:07	1
Toluene	ND		1.0	0.30	ug/L			09/02/21 14:07	1
Xylenes, Total	ND		6.0	1.4	ug/L			09/02/21 14:07	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			09/02/21 14:07	1
Benzene	ND		1.0	0.30	ug/L			09/02/21 14:07	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			09/02/21 14:07	1
DIPE	ND		1.0	0.20	ug/L			09/02/21 14:07	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			09/02/21 14:07	1
t-Butyl alcohol	ND		50	12	ug/L			09/02/21 14:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		09/02/21 14:07	1
4-Bromofluorobenzene (Surr)	94		80 - 120		09/02/21 14:07	1
Dibromofluoromethane (Surr)	101		80 - 120		09/02/21 14:07	1
Toluene-d8 (Surr)	99		80 - 120		09/02/21 14:07	1

**Lab Sample ID: LCS 410-167350/4**  
**Matrix: Water**  
**Analysis Batch: 167350**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	20.0	18.1		ug/L		90	80 - 120
Toluene	20.0	17.9		ug/L		89	80 - 120
Xylenes, Total	60.0	54.1		ug/L		90	80 - 120
Methyl tert-butyl ether	20.0	16.5		ug/L		82	69 - 122
Benzene	20.0	17.4		ug/L		87	80 - 120
Ethyl tert-butyl ether	20.0	16.5		ug/L		82	68 - 121
DIPE	20.0	16.4		ug/L		82	70 - 124
Tert-amyl methyl ether	20.0	16.8		ug/L		84	66 - 120
t-Butyl alcohol	200	180		ug/L		90	60 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		80 - 120
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	101		80 - 120

**Lab Sample ID: 410-52353-1 MS**  
**Matrix: Groundwater**  
**Analysis Batch: 167350**

**Client Sample ID: MW-82B**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	ND		20.0	17.6		ug/L		88	80 - 120
Toluene	ND		20.0	17.7		ug/L		88	80 - 120
Xylenes, Total	ND		60.0	53.1		ug/L		89	80 - 120
Methyl tert-butyl ether	ND		20.0	15.0		ug/L		75	69 - 122
Benzene	ND		20.0	16.8		ug/L		84	80 - 120
Ethyl tert-butyl ether	ND		20.0	15.0		ug/L		75	68 - 121

Eurofins Lancaster Laboratories Env, LLC

# QC Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52353-1

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 410-52353-1 MS**  
**Matrix: Groundwater**  
**Analysis Batch: 167350**

**Client Sample ID: MW-82B**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
DIPE	ND		20.0	15.3		ug/L		76	70 - 124
Tert-amyl methyl ether	ND		20.0	15.5		ug/L		77	66 - 120
t-Butyl alcohol	ND		200	161		ug/L		80	60 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	97		80 - 120
4-Bromofluorobenzene (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
Toluene-d8 (Surr)	101		80 - 120

**Lab Sample ID: 410-52353-1 MSD**  
**Matrix: Groundwater**  
**Analysis Batch: 167350**

**Client Sample ID: MW-82B**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	ND		20.0	21.3		ug/L		107	80 - 120	19	30
Toluene	ND		20.0	21.3		ug/L		106	80 - 120	18	30
Xylenes, Total	ND		60.0	64.4		ug/L		107	80 - 120	19	30
Methyl tert-butyl ether	ND		20.0	18.5		ug/L		92	69 - 122	21	30
Benzene	ND		20.0	20.8		ug/L		104	80 - 120	22	30
Ethyl tert-butyl ether	ND		20.0	18.3		ug/L		92	68 - 121	20	30
DIPE	ND		20.0	18.7		ug/L		93	70 - 124	20	30
Tert-amyl methyl ether	ND		20.0	19.0		ug/L		95	66 - 120	21	30
t-Butyl alcohol	ND		200	206		ug/L		103	60 - 130	25	30

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
1,2-Dichloroethane-d4 (Surr)	98		80 - 120
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	101		80 - 120

# QC Association Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52353-1

## GC/MS VOA

### Analysis Batch: 167350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-52353-1	MW-82B	Total/NA	Groundwater	8260C/UST	
410-52353-2	MW-121	Total/NA	Groundwater	8260C/UST	
MB 410-167350/6	Method Blank	Total/NA	Water	8260C/UST	
LCS 410-167350/4	Lab Control Sample	Total/NA	Water	8260C/UST	
410-52353-1 MS	MW-82B	Total/NA	Groundwater	8260C/UST	
410-52353-1 MSD	MW-82B	Total/NA	Groundwater	8260C/UST	

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# Lab Chronicle

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52353-1

**Client Sample ID: MW-82B**

**Date Collected: 08/19/21 11:50**

**Date Received: 08/23/21 16:45**

**Lab Sample ID: 410-52353-1**

**Matrix: Groundwater**

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Analysis	8260C/UST		1	167350	09/02/21 17:20	UKAD	ELLE

**Client Sample ID: MW-121**

**Date Collected: 08/19/21 10:00**

**Date Received: 08/23/21 16:45**

**Lab Sample ID: 410-52353-2**

**Matrix: Groundwater**

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Analysis	8260C/UST		1	167350	09/02/21 18:32	UKAD	ELLE

**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

# Accreditation/Certification Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52353-1

## Laboratory: Eurofins Lancaster Laboratories Env, LLC

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

Authority	Program	Identification Number	Expiration Date
Maryland	State	100	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C/UST		Groundwater	Benzene
8260C/UST		Groundwater	DIPE
8260C/UST		Groundwater	Ethyl tert-butyl ether
8260C/UST		Groundwater	Ethylbenzene
8260C/UST		Groundwater	Methyl tert-butyl ether
8260C/UST		Groundwater	t-Butyl alcohol
8260C/UST		Groundwater	Tert-amyl methyl ether
8260C/UST		Groundwater	Toluene
8260C/UST		Groundwater	Xylenes, Total

# Method Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52353-1

Method	Method Description	Protocol	Laboratory
8260C/UST	Volatile Organic Compounds (GC/MS)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300





CHAI



410-52353 Chain of Custody

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PAGE \_\_\_ OF \_\_\_

FED-EX Tracking #	Bottle Order Control #
Lancaster Quote #	Lancaster Job #

Client / Reporting Information		SITE NAME - Provide Site Name for Retail or AFE Number for Major Projects										Requested Analysis ( see TEST CODE sheet)										Matrix Codes						
Company Name <b>Kleinfelder</b>		Retail Project (Site Name) <b>Exxon - Phoenix 28077</b>					Major Project (AFE) <b>ExxonMobil Environmental Services Co.</b>					If Project is Direct Bill to Consultant Company Name Street Address City State Zip										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						
Street Address <b>1745 Dorsey Road, Suite J</b>		Project Name <b>14258 Jarrettsville Pike</b>					Company Name																					
City State Zip <b>Hanover, MD 21076</b>		City State <b>Phoenix MD</b>					Street Address					Full List VOCs + Oxy5 by 8260 MTBE, BTEX, ETBE, TAME, DIPE, TBA by EPA 821/08										LAB USE ONLY						
Project Contact <b>Mark Schaaf</b>		ExxonMobil Manager <b>Phoenix MD</b>					City State Zip																					
Phone # Fax # <b>410-850-0404 410-850-0049</b>		ExxonMobil Purchase Order #					Attention: PO#																					
Sampler(s) Name(s) <b>Charlie Brehm</b>		Direct Bill to Exxon Mobil																										
Lancaster Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	MTBE, BTEX, ETBE, TAME, DIPE, TBA by EPA 821/08	Full List VOCs + Oxy5 by 8260											LAB USE ONLY
	<b>MW-82B</b>		8/19/21	1150	CB	GW	3	X								X												
	<b>MW-121</b>		8/19/21	1000	CB	GW	3	X								X												

<input checked="" type="checkbox"/> Std. 10 Business Days <input type="checkbox"/> 8 Day RUSH <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY		Approved By (Accutest PM): / Date: _____ _____ _____ _____		<input checked="" type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> NYASP Category A <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> NYASP Category B <input type="checkbox"/> FULLT1 (Level 3+4) <input type="checkbox"/> State Forms <input type="checkbox"/> NJ Reduced <input type="checkbox"/> EDD Format <input type="checkbox"/> Commercial "C" <input type="checkbox"/> Other _____		Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data		Data Deliverable Information Comments / Special Instructions									
---	--	---	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--

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

Relinquished by Sampler: 1	Date Time:	Received By: 1	Date Time: 8/23/21 14:45	Relinquished By: 2	Date Time: 8/23/21 16:18	Received By: 2		
Relinquished by Sampler: 3	Date Time:	Received By: 3	Date Time:	Relinquished By: 4	Date Time:	Received By: 4		
Relinquished by: 5	Date Time: 8/23/21 16:45	Received By: 5	Date Time:	Custody Seal #	<input type="checkbox"/> Intact <input type="checkbox"/> Not intact	Preserved where applicable <input type="checkbox"/>	On Ice <input checked="" type="checkbox"/>	Cooler Temp. 5.1

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# Login Sample Receipt Checklist

Client: Kleinfelder Inc

Job Number: 410-52353-1

**Login Number: 52353**

**List Source: Eurofins Lancaster Laboratories Env, LLC**

**List Number: 1**

**Creator: Jeremiah, Cory T**

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	N/A	



# Definitions/Glossary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-52353-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC  
2425 New Holland Pike  
Lancaster, PA 17601  
Tel: (717)656-2300

Laboratory Job ID: 410-56711-1  
Client Project/Site: 2-8077 - Phoenix, MD

For:  
Kleinfelder Inc  
1745 Dorsey Road  
Suite J  
Hanover, Maryland 21076

Attn: Mark Schaaf



---

Authorized for release by:  
10/4/2021 10:37:42 AM

Megan Moeller, Client Services Group Leader  
(717)556-7261  
[Megan.Moeller@eurofinset.com](mailto:Megan.Moeller@eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

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

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



Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
  - Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
  - Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Megan Moeller  
Client Services Group Leader  
10/4/2021 10:37:42 AM



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# Sample Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56711-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-56711-1	MW-38B	Groundwater	09/27/21 10:00	09/27/21 18:09
410-56711-2	MW-82B	Groundwater	09/27/21 10:40	09/27/21 18:09
410-56711-3	MW-121	Groundwater	09/27/21 09:35	09/27/21 18:09

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# Case Narrative

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56711-1

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**Job ID: 410-56711-1**

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**Laboratory: Eurofins Lancaster Laboratories Env, LLC**

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**Narrative**

**Job Narrative  
410-56711-1**

**Receipt**

The samples were received on 9/27/2021 6:09 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C

**Receipt Exceptions**

A trip blank was not submitted for analysis with this sample shipment; and was not listed on the Chain of Custody (COC).

**GC/MS VOA**

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



# Detection Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56711-1

**Client Sample ID: MW-38B**

**Lab Sample ID: 410-56711-1**

No Detections.

**Client Sample ID: MW-82B**

**Lab Sample ID: 410-56711-2**

No Detections.

**Client Sample ID: MW-121**

**Lab Sample ID: 410-56711-3**

No Detections.

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This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56711-1

**Client Sample ID: MW-38B**

**Lab Sample ID: 410-56711-1**

Date Collected: 09/27/21 10:00

Matrix: Groundwater

Date Received: 09/27/21 18:09

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			10/01/21 18:12	1
Toluene	ND		1.0	0.30	ug/L			10/01/21 18:12	1
Xylenes, Total	ND		6.0	1.4	ug/L			10/01/21 18:12	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 18:12	1
Benzene	ND		1.0	0.30	ug/L			10/01/21 18:12	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 18:12	1
DIPE	ND		1.0	0.20	ug/L			10/01/21 18:12	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			10/01/21 18:12	1
t-Butyl alcohol	ND		50	12	ug/L			10/01/21 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		10/01/21 18:12	1
4-Bromofluorobenzene (Surr)	96		80 - 120		10/01/21 18:12	1
Dibromofluoromethane (Surr)	106		80 - 120		10/01/21 18:12	1
Toluene-d8 (Surr)	96		80 - 120		10/01/21 18:12	1



# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56711-1

**Client Sample ID: MW-82B**

**Lab Sample ID: 410-56711-2**

Date Collected: 09/27/21 10:40

Matrix: Groundwater

Date Received: 09/27/21 18:09

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			10/01/21 18:36	1
Toluene	ND		1.0	0.30	ug/L			10/01/21 18:36	1
Xylenes, Total	ND		6.0	1.4	ug/L			10/01/21 18:36	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 18:36	1
Benzene	ND		1.0	0.30	ug/L			10/01/21 18:36	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 18:36	1
DIPE	ND		1.0	0.20	ug/L			10/01/21 18:36	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			10/01/21 18:36	1
t-Butyl alcohol	ND		50	12	ug/L			10/01/21 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		10/01/21 18:36	1
4-Bromofluorobenzene (Surr)	96		80 - 120		10/01/21 18:36	1
Dibromofluoromethane (Surr)	107		80 - 120		10/01/21 18:36	1
Toluene-d8 (Surr)	95		80 - 120		10/01/21 18:36	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56711-1

**Client Sample ID: MW-121**

**Lab Sample ID: 410-56711-3**

Date Collected: 09/27/21 09:35

Matrix: Groundwater

Date Received: 09/27/21 18:09

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			10/01/21 19:00	1
Toluene	ND		1.0	0.30	ug/L			10/01/21 19:00	1
Xylenes, Total	ND		6.0	1.4	ug/L			10/01/21 19:00	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 19:00	1
Benzene	ND		1.0	0.30	ug/L			10/01/21 19:00	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 19:00	1
DIPE	ND		1.0	0.20	ug/L			10/01/21 19:00	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			10/01/21 19:00	1
t-Butyl alcohol	ND		50	12	ug/L			10/01/21 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		10/01/21 19:00	1
4-Bromofluorobenzene (Surr)	95		80 - 120		10/01/21 19:00	1
Dibromofluoromethane (Surr)	106		80 - 120		10/01/21 19:00	1
Toluene-d8 (Surr)	96		80 - 120		10/01/21 19:00	1

# Surrogate Summary

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56711-1

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS)

Matrix: Groundwater

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (80-120)	BFB (80-120)	DBFM (80-120)	TOL (80-120)
410-56711-1	MW-38B	96	96	106	96
410-56711-2	MW-82B	96	96	107	95
410-56711-3	MW-121	97	95	106	96
410-56711-3 MS	MW-121	97	99	105	96
410-56711-3 MSD	MW-121	98	98	107	96

### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
 BFB = 4-Bromofluorobenzene (Surr)  
 DBFM = Dibromofluoromethane (Surr)  
 TOL = Toluene-d8 (Surr)

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (80-120)	BFB (80-120)	DBFM (80-120)	TOL (80-120)
LCS 410-177733/5	Lab Control Sample	96	98	104	99
LCSD 410-177733/6	Lab Control Sample Dup	96	98	103	97
MB 410-177733/9	Method Blank	96	95	105	97

### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
 BFB = 4-Bromofluorobenzene (Surr)  
 DBFM = Dibromofluoromethane (Surr)  
 TOL = Toluene-d8 (Surr)

# QC Sample Results

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56711-1

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 410-177733/9**  
**Matrix: Water**  
**Analysis Batch: 177733**

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Ethylbenzene	ND		1.0	0.40	ug/L			10/01/21 16:11	1
Toluene	ND		1.0	0.30	ug/L			10/01/21 16:11	1
Xylenes, Total	ND		6.0	1.4	ug/L			10/01/21 16:11	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 16:11	1
Benzene	ND		1.0	0.30	ug/L			10/01/21 16:11	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 16:11	1
DIPE	ND		1.0	0.20	ug/L			10/01/21 16:11	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			10/01/21 16:11	1
t-Butyl alcohol	ND		50	12	ug/L			10/01/21 16:11	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		10/01/21 16:11	1
4-Bromofluorobenzene (Surr)	95		80 - 120		10/01/21 16:11	1
Dibromofluoromethane (Surr)	105		80 - 120		10/01/21 16:11	1
Toluene-d8 (Surr)	97		80 - 120		10/01/21 16:11	1

**Lab Sample ID: LCS 410-177733/5**  
**Matrix: Water**  
**Analysis Batch: 177733**

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Ethylbenzene	20.0	19.4		ug/L		97	80 - 120
Toluene	20.0	19.3		ug/L		97	80 - 120
Xylenes, Total	60.0	58.7		ug/L		98	80 - 120
Methyl tert-butyl ether	20.0	18.4		ug/L		92	69 - 122
Benzene	20.0	19.4		ug/L		97	80 - 120
Ethyl tert-butyl ether	20.0	18.2		ug/L		91	68 - 121
DIPE	20.0	18.3		ug/L		91	70 - 124
Tert-amyl methyl ether	20.0	18.5		ug/L		92	66 - 120
t-Butyl alcohol	200	185		ug/L		93	60 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	104		80 - 120
Toluene-d8 (Surr)	99		80 - 120

**Lab Sample ID: LCSD 410-177733/6**  
**Matrix: Water**  
**Analysis Batch: 177733**

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

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
		Result	Qualifier						
Ethylbenzene	20.0	20.8		ug/L		104	80 - 120	7	30
Toluene	20.0	20.7		ug/L		104	80 - 120	7	30
Xylenes, Total	60.0	63.6		ug/L		106	80 - 120	8	30
Methyl tert-butyl ether	20.0	20.0		ug/L		100	69 - 122	8	30
Benzene	20.0	20.8		ug/L		104	80 - 120	7	30
Ethyl tert-butyl ether	20.0	19.7		ug/L		98	68 - 121	8	30

Eurofins Lancaster Laboratories Env, LLC

# QC Sample Results

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56711-1

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 410-177733/6

Matrix: Water

Analysis Batch: 177733

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
DIPE	20.0	20.1		ug/L		101	70 - 124	10	30
Tert-amyl methyl ether	20.0	20.1		ug/L		101	66 - 120	9	30
t-Butyl alcohol	200	203		ug/L		101	60 - 130	9	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: 410-56711-3 MS

Matrix: Groundwater

Analysis Batch: 177733

Client Sample ID: MW-121

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	ND		20.0	22.2		ug/L		111	80 - 120		
Toluene	ND		20.0	21.7		ug/L		108	80 - 120		
Xylenes, Total	ND		60.0	66.8		ug/L		111	80 - 120		
Methyl tert-butyl ether	ND		20.0	20.0		ug/L		100	69 - 122		
Benzene	ND		20.0	22.2		ug/L		111	80 - 120		
Ethyl tert-butyl ether	ND		20.0	20.0		ug/L		100	68 - 121		
DIPE	ND		20.0	20.1		ug/L		100	70 - 124		
Tert-amyl methyl ether	ND		20.0	19.8		ug/L		99	66 - 120		
t-Butyl alcohol	ND		200	190		ug/L		95	60 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		80 - 120
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	105		80 - 120
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: 410-56711-3 MSD

Matrix: Groundwater

Analysis Batch: 177733

Client Sample ID: MW-121

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	ND		20.0	21.9		ug/L		110	80 - 120	1	30
Toluene	ND		20.0	21.7		ug/L		109	80 - 120	0	30
Xylenes, Total	ND		60.0	66.2		ug/L		110	80 - 120	1	30
Methyl tert-butyl ether	ND		20.0	20.1		ug/L		100	69 - 122	0	30
Benzene	ND		20.0	22.2		ug/L		111	80 - 120	0	30
Ethyl tert-butyl ether	ND		20.0	20.2		ug/L		101	68 - 121	1	30
DIPE	ND		20.0	20.3		ug/L		101	70 - 124	1	30
Tert-amyl methyl ether	ND		20.0	20.2		ug/L		101	66 - 120	2	30
t-Butyl alcohol	ND		200	186		ug/L		93	60 - 130	2	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		80 - 120

# QC Sample Results

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56711-1

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 410-56711-3 MSD

Client Sample ID: MW-121

Matrix: Groundwater

Prep Type: Total/NA

Analysis Batch: 177733

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	107		80 - 120
Toluene-d8 (Surr)	96		80 - 120

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# QC Association Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56711-1

## GC/MS VOA

### Analysis Batch: 177733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-56711-1	MW-38B	Total/NA	Groundwater	8260C/UST	
410-56711-2	MW-82B	Total/NA	Groundwater	8260C/UST	
410-56711-3	MW-121	Total/NA	Groundwater	8260C/UST	
MB 410-177733/9	Method Blank	Total/NA	Water	8260C/UST	
LCS 410-177733/5	Lab Control Sample	Total/NA	Water	8260C/UST	
LCSD 410-177733/6	Lab Control Sample Dup	Total/NA	Water	8260C/UST	
410-56711-3 MS	MW-121	Total/NA	Groundwater	8260C/UST	
410-56711-3 MSD	MW-121	Total/NA	Groundwater	8260C/UST	

# Lab Chronicle

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56711-1

## Client Sample ID: MW-38B

Lab Sample ID: 410-56711-1

Date Collected: 09/27/21 10:00

Matrix: Groundwater

Date Received: 09/27/21 18:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	177733	10/01/21 18:12	UKAD	ELLE

## Client Sample ID: MW-82B

Lab Sample ID: 410-56711-2

Date Collected: 09/27/21 10:40

Matrix: Groundwater

Date Received: 09/27/21 18:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	177733	10/01/21 18:36	UKAD	ELLE

## Client Sample ID: MW-121

Lab Sample ID: 410-56711-3

Date Collected: 09/27/21 09:35

Matrix: Groundwater

Date Received: 09/27/21 18:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	177733	10/01/21 19:00	UKAD	ELLE

### Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300



# Accreditation/Certification Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56711-1

## Laboratory: Eurofins Lancaster Laboratories Env, LLC

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

Authority	Program	Identification Number	Expiration Date
Maryland	State	100	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C/UST		Groundwater	Benzene
8260C/UST		Groundwater	DIPE
8260C/UST		Groundwater	Ethyl tert-butyl ether
8260C/UST		Groundwater	Ethylbenzene
8260C/UST		Groundwater	Methyl tert-butyl ether
8260C/UST		Groundwater	t-Butyl alcohol
8260C/UST		Groundwater	Tert-amyl methyl ether
8260C/UST		Groundwater	Toluene
8260C/UST		Groundwater	Xylenes, Total

# Method Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56711-1

Method	Method Description	Protocol	Laboratory
8260C/UST	Volatile Organic Compounds (GC/MS)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300





CHA



<b>Client / Reporting Information</b>		<b>SITE NAME - Provide Site Name for Retail or AFE Number for Major Projects</b>										<b>Requested Analysis ( see TEST CODE sheet)</b>										<b>Matrix Codes</b>					
Company Name <b>Kleinfelder</b>		Retail Project (Site Name) <b>Exxon - Phoenix 28077</b>					Major Project (AFE) <b>ExxonMobil Environmental Services Co.</b>					MTBE, BTEX, ETBE, TAME, DIPE, TBA by EPA 8260B Full List VOCs + Oxy5 by 8260										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					
Street Address <b>1745 Dorsey Road, Suite J</b>		Project Name <b>14258 Jarrettsville Pike</b>					Company Name <b>If Project is Direct Bill to Consultant</b>																				
City State Zip <b>Hanover, MD 21076</b>		City State <b>Phoenix MD</b>					Street Address					LAB USE ONLY															
Project Contact E-mail <b>Mark Schaaf</b>		City State <b>Phoenix MD</b>					Street Address																				
Phone # Fax # <b>410-850-0404 410-850-0049</b>		ExxonMobil Manager <b>Phoenix MD</b>					City State Zip																				
Sampler(s) Name(s) Phone # <b>Charlie Brehm</b>		ExxonMobil Purchase Order #					Attention PO#																				
Lancaster Sample #		Field ID / Point of Collection		MEOH/DI Vial #		Collection		Number of preserved Bottles		Matrix		HCl		NaOH		HNO3		H2SO4		NONE		DI Water		MEOH		ENCORE	
		<b>MW-38B</b>				Date Time <b>9/27/21 1000</b>		Sampled by <b>CB</b>		Matrix <b>GW</b>		<b>3</b>		<b>X</b>													
		<b>MW-82B</b>				Date Time <b>9/27/21 1040</b>		Sampled by <b>CB</b>		Matrix <b>GW</b>		<b>3</b>		<b>X</b>													
		<b>MW-121</b>				Date Time <b>9/27/21 0935</b>		Sampled by <b>CB</b>		Matrix <b>GW</b>		<b>3</b>		<b>X</b>													

<input checked="" type="checkbox"/> Std. 10 Business Days <input type="checkbox"/> 8 Day RUSH <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY		Approved By (Accutest PM) / Date: _____ _____ _____		<input checked="" type="checkbox"/> Commercial "A" ( Level 1 ) <input type="checkbox"/> Commercial "B" ( Level 2 ) <input type="checkbox"/> FULLT1 ( Level 3+4 ) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> Commercial "C"		<input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format <input type="checkbox"/> Other _____		Comments / Special Instructions	
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Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Date Time: <b>9/27/21 14:35</b>	Relinquished By:	Date Time: <b>17:41</b>	Received By:
Relinquished by Sampler: _____	Date Time: _____	Received By: _____	Date Time: _____	Relinquished By: _____	Date Time: _____	Received By: _____
Relinquished by: _____	Date Time: _____	Received By:	Date Time: <b>9-27-21 1809</b>	Custody Seal #	<input type="checkbox"/> Intact Preserved where applicable <input type="checkbox"/> Not intact	On Ice <input checked="" type="checkbox"/> Cooler Temp <b>1-1</b>



## Login Sample Receipt Checklist

Client: Kleinfelder Inc

Job Number: 410-56711-1

**Login Number: 56711**

**List Source: Eurofins Lancaster Laboratories Env, LLC**

**List Number: 1**

**Creator: Jeremiah, Cory T**

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	

## Definitions/Glossary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56711-1

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

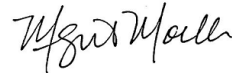
## ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC  
2425 New Holland Pike  
Lancaster, PA 17601  
Tel: (717)656-2300

Laboratory Job ID: 410-56714-1  
Client Project/Site: 2-8077 - Phoenix, MD

For:  
Kleinfelder Inc  
1745 Dorsey Road  
Suite J  
Hanover, Maryland 21076

Attn: Mark Schaaf



---

Authorized for release by:  
10/5/2021 5:53:17 PM

Megan Moeller, Client Services Group Leader  
(717)556-7261  
[Megan.Moeller@eurofinset.com](mailto:Megan.Moeller@eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

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

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



Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
  - Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
  - Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Megan Moeller  
Client Services Group Leader  
10/5/2021 5:53:17 PM



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# Sample Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-56714-1	MW-16	Groundwater	09/27/21 12:45	09/27/21 18:09
410-56714-2	MW-27	Groundwater	09/27/21 12:25	09/27/21 18:09
410-56714-3	MW-54B	Groundwater	09/27/21 08:30	09/27/21 18:09
410-56714-4	MW-82D	Groundwater	09/27/21 11:00	09/27/21 18:09
410-56714-5	MW-181A	Groundwater	09/27/21 08:50	09/27/21 18:09
410-56714-6	MW-7	Groundwater	09/27/21 13:10	09/27/21 18:09
410-56714-7	MW-27B	Groundwater	09/27/21 12:00	09/27/21 18:09
410-56714-8	MW-32	Groundwater	09/27/21 09:15	09/27/21 18:09

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# Case Narrative

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

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## Job ID: 410-56714-1

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### Laboratory: Eurofins Lancaster Laboratories Env, LLC

#### Narrative

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#### Job Narrative 410-56714-1

#### Receipt

The samples were received on 9/27/2021 6:09 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C

#### Receipt Exceptions

A trip blank was not submitted for analysis with this sample shipment; and was not listed on the Chain of Custody (COC).

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): MW-16 (410-56714-1). The container labels list MW-16, while the COC lists MW-16 [R].

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): MW-27 (410-56714-2). The container labels list MW-17, while the COC lists MW-17 [R].

#### GC/MS VOA

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

# Detection Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

## Client Sample ID: MW-16

Lab Sample ID: 410-56714-1

No Detections.

## Client Sample ID: MW-27

Lab Sample ID: 410-56714-2

No Detections.

## Client Sample ID: MW-54B

Lab Sample ID: 410-56714-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	2.4		1.0	0.20	ug/L	1		8260C/UST	Total/NA
Benzene	0.75	J	1.0	0.30	ug/L	1		8260C/UST	Total/NA
Ethyl tert-butyl ether	2.4		1.0	0.20	ug/L	1		8260C/UST	Total/NA
DIPE	0.95	J	1.0	0.20	ug/L	1		8260C/UST	Total/NA

## Client Sample ID: MW-82D

Lab Sample ID: 410-56714-4

No Detections.

## Client Sample ID: MW-181A

Lab Sample ID: 410-56714-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	9.2		1.0	0.20	ug/L	1		8260C/UST	Total/NA
Ethyl tert-butyl ether	0.41	J	1.0	0.20	ug/L	1		8260C/UST	Total/NA

## Client Sample ID: MW-7

Lab Sample ID: 410-56714-6

No Detections.

## Client Sample ID: MW-27B

Lab Sample ID: 410-56714-7

No Detections.

## Client Sample ID: MW-32

Lab Sample ID: 410-56714-8

No Detections.

This Detection Summary does not include radiochemical test results.

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# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

**Client Sample ID: MW-16**  
**Date Collected: 09/27/21 12:45**  
**Date Received: 09/27/21 18:09**

**Lab Sample ID: 410-56714-1**  
**Matrix: Groundwater**

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			10/01/21 20:13	1
Toluene	ND		1.0	0.30	ug/L			10/01/21 20:13	1
Xylenes, Total	ND		6.0	1.4	ug/L			10/01/21 20:13	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 20:13	1
Benzene	ND		1.0	0.30	ug/L			10/01/21 20:13	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 20:13	1
DIPE	ND		1.0	0.20	ug/L			10/01/21 20:13	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			10/01/21 20:13	1
t-Butyl alcohol	ND		50	12	ug/L			10/01/21 20:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		10/01/21 20:13	1
4-Bromofluorobenzene (Surr)	95		80 - 120		10/01/21 20:13	1
Dibromofluoromethane (Surr)	107		80 - 120		10/01/21 20:13	1
Toluene-d8 (Surr)	96		80 - 120		10/01/21 20:13	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

**Client Sample ID: MW-27**  
**Date Collected: 09/27/21 12:25**  
**Date Received: 09/27/21 18:09**

**Lab Sample ID: 410-56714-2**  
**Matrix: Groundwater**

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			10/01/21 20:37	1
Toluene	ND		1.0	0.30	ug/L			10/01/21 20:37	1
Xylenes, Total	ND		6.0	1.4	ug/L			10/01/21 20:37	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 20:37	1
Benzene	ND		1.0	0.30	ug/L			10/01/21 20:37	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 20:37	1
DIPE	ND		1.0	0.20	ug/L			10/01/21 20:37	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			10/01/21 20:37	1
t-Butyl alcohol	ND		50	12	ug/L			10/01/21 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		80 - 120		10/01/21 20:37	1
4-Bromofluorobenzene (Surr)	95		80 - 120		10/01/21 20:37	1
Dibromofluoromethane (Surr)	107		80 - 120		10/01/21 20:37	1
Toluene-d8 (Surr)	94		80 - 120		10/01/21 20:37	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

**Client Sample ID: MW-54B**

**Lab Sample ID: 410-56714-3**

Date Collected: 09/27/21 08:30

Matrix: Groundwater

Date Received: 09/27/21 18:09

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			10/01/21 21:01	1
Toluene	ND		1.0	0.30	ug/L			10/01/21 21:01	1
Xylenes, Total	ND		6.0	1.4	ug/L			10/01/21 21:01	1
<b>Methyl tert-butyl ether</b>	<b>2.4</b>		1.0	0.20	ug/L			10/01/21 21:01	1
<b>Benzene</b>	<b>0.75 J</b>		1.0	0.30	ug/L			10/01/21 21:01	1
<b>Ethyl tert-butyl ether</b>	<b>2.4</b>		1.0	0.20	ug/L			10/01/21 21:01	1
<b>DIPE</b>	<b>0.95 J</b>		1.0	0.20	ug/L			10/01/21 21:01	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			10/01/21 21:01	1
t-Butyl alcohol	ND		50	12	ug/L			10/01/21 21:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		10/01/21 21:01	1
4-Bromofluorobenzene (Surr)	96		80 - 120		10/01/21 21:01	1
Dibromofluoromethane (Surr)	106		80 - 120		10/01/21 21:01	1
Toluene-d8 (Surr)	97		80 - 120		10/01/21 21:01	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

**Client Sample ID: MW-82D**

**Lab Sample ID: 410-56714-4**

**Date Collected: 09/27/21 11:00**

**Matrix: Groundwater**

**Date Received: 09/27/21 18:09**

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			10/01/21 21:26	1
Toluene	ND		1.0	0.30	ug/L			10/01/21 21:26	1
Xylenes, Total	ND		6.0	1.4	ug/L			10/01/21 21:26	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 21:26	1
Benzene	ND		1.0	0.30	ug/L			10/01/21 21:26	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 21:26	1
DIPE	ND		1.0	0.20	ug/L			10/01/21 21:26	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			10/01/21 21:26	1
t-Butyl alcohol	ND		50	12	ug/L			10/01/21 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		10/01/21 21:26	1
4-Bromofluorobenzene (Surr)	94		80 - 120		10/01/21 21:26	1
Dibromofluoromethane (Surr)	108		80 - 120		10/01/21 21:26	1
Toluene-d8 (Surr)	95		80 - 120		10/01/21 21:26	1

# Client Sample Results

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

**Client Sample ID: MW-181A**

**Lab Sample ID: 410-56714-5**

**Date Collected: 09/27/21 08:50**

**Matrix: Groundwater**

**Date Received: 09/27/21 18:09**

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			10/01/21 21:50	1
Toluene	ND		1.0	0.30	ug/L			10/01/21 21:50	1
Xylenes, Total	ND		6.0	1.4	ug/L			10/01/21 21:50	1
<b>Methyl tert-butyl ether</b>	<b>9.2</b>		1.0	0.20	ug/L			10/01/21 21:50	1
Benzene	ND		1.0	0.30	ug/L			10/01/21 21:50	1
<b>Ethyl tert-butyl ether</b>	<b>0.41 J</b>		1.0	0.20	ug/L			10/01/21 21:50	1
DIPE	ND		1.0	0.20	ug/L			10/01/21 21:50	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			10/01/21 21:50	1
t-Butyl alcohol	ND		50	12	ug/L			10/01/21 21:50	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	97		80 - 120					10/01/21 21:50	1
4-Bromofluorobenzene (Surr)	95		80 - 120					10/01/21 21:50	1
Dibromofluoromethane (Surr)	107		80 - 120					10/01/21 21:50	1
Toluene-d8 (Surr)	95		80 - 120					10/01/21 21:50	1



# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

**Client Sample ID: MW-7**

**Lab Sample ID: 410-56714-6**

**Date Collected: 09/27/21 13:10**

**Matrix: Groundwater**

**Date Received: 09/27/21 18:09**

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			10/01/21 22:14	1
Toluene	ND		1.0	0.30	ug/L			10/01/21 22:14	1
Xylenes, Total	ND		6.0	1.4	ug/L			10/01/21 22:14	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 22:14	1
Benzene	ND		1.0	0.30	ug/L			10/01/21 22:14	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 22:14	1
DIPE	ND		1.0	0.20	ug/L			10/01/21 22:14	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			10/01/21 22:14	1
t-Butyl alcohol	ND		50	12	ug/L			10/01/21 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		10/01/21 22:14	1
4-Bromofluorobenzene (Surr)	97		80 - 120		10/01/21 22:14	1
Dibromofluoromethane (Surr)	106		80 - 120		10/01/21 22:14	1
Toluene-d8 (Surr)	95		80 - 120		10/01/21 22:14	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

**Client Sample ID: MW-27B**

**Lab Sample ID: 410-56714-7**

**Date Collected: 09/27/21 12:00**

**Matrix: Groundwater**

**Date Received: 09/27/21 18:09**

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			10/01/21 22:38	1
Toluene	ND		1.0	0.30	ug/L			10/01/21 22:38	1
Xylenes, Total	ND		6.0	1.4	ug/L			10/01/21 22:38	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 22:38	1
Benzene	ND		1.0	0.30	ug/L			10/01/21 22:38	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 22:38	1
DIPE	ND		1.0	0.20	ug/L			10/01/21 22:38	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			10/01/21 22:38	1
t-Butyl alcohol	ND		50	12	ug/L			10/01/21 22:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		10/01/21 22:38	1
4-Bromofluorobenzene (Surr)	95		80 - 120		10/01/21 22:38	1
Dibromofluoromethane (Surr)	107		80 - 120		10/01/21 22:38	1
Toluene-d8 (Surr)	96		80 - 120		10/01/21 22:38	1

# Client Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

**Client Sample ID: MW-32**  
**Date Collected: 09/27/21 09:15**  
**Date Received: 09/27/21 18:09**

**Lab Sample ID: 410-56714-8**  
**Matrix: Groundwater**

**Method: 8260C/UST - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			10/01/21 23:02	1
Toluene	ND		1.0	0.30	ug/L			10/01/21 23:02	1
Xylenes, Total	ND		6.0	1.4	ug/L			10/01/21 23:02	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 23:02	1
Benzene	ND		1.0	0.30	ug/L			10/01/21 23:02	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 23:02	1
DIPE	ND		1.0	0.20	ug/L			10/01/21 23:02	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			10/01/21 23:02	1
t-Butyl alcohol	ND		50	12	ug/L			10/01/21 23:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		10/01/21 23:02	1
4-Bromofluorobenzene (Surr)	95		80 - 120		10/01/21 23:02	1
Dibromofluoromethane (Surr)	105		80 - 120		10/01/21 23:02	1
Toluene-d8 (Surr)	96		80 - 120		10/01/21 23:02	1

# Surrogate Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS)

Matrix: Groundwater

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	DBFM	TOL
		(80-120)	(80-120)	(80-120)	(80-120)
410-56714-1	MW-16	96	95	107	96
410-56714-2	MW-27	95	95	107	94
410-56714-3	MW-54B	96	96	106	97
410-56714-4	MW-82D	98	94	108	95
410-56714-5	MW-181A	97	95	107	95
410-56714-6	MW-7	96	97	106	95
410-56714-7	MW-27B	96	95	107	96
410-56714-8	MW-32	96	95	105	96

#### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	DBFM	TOL
		(80-120)	(80-120)	(80-120)	(80-120)
LCS 410-177733/5	Lab Control Sample	96	98	104	99
LCSD 410-177733/6	Lab Control Sample Dup	96	98	103	97
MB 410-177733/9	Method Blank	96	95	105	97

#### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

# QC Sample Results

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 410-177733/9**  
**Matrix: Water**  
**Analysis Batch: 177733**

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.40	ug/L			10/01/21 16:11	1
Toluene	ND		1.0	0.30	ug/L			10/01/21 16:11	1
Xylenes, Total	ND		6.0	1.4	ug/L			10/01/21 16:11	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 16:11	1
Benzene	ND		1.0	0.30	ug/L			10/01/21 16:11	1
Ethyl tert-butyl ether	ND		1.0	0.20	ug/L			10/01/21 16:11	1
DIPE	ND		1.0	0.20	ug/L			10/01/21 16:11	1
Tert-amyl methyl ether	ND		5.0	0.80	ug/L			10/01/21 16:11	1
t-Butyl alcohol	ND		50	12	ug/L			10/01/21 16:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		10/01/21 16:11	1
4-Bromofluorobenzene (Surr)	95		80 - 120		10/01/21 16:11	1
Dibromofluoromethane (Surr)	105		80 - 120		10/01/21 16:11	1
Toluene-d8 (Surr)	97		80 - 120		10/01/21 16:11	1

**Lab Sample ID: LCS 410-177733/5**  
**Matrix: Water**  
**Analysis Batch: 177733**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	20.0	19.4		ug/L		97	80 - 120
Toluene	20.0	19.3		ug/L		97	80 - 120
Xylenes, Total	60.0	58.7		ug/L		98	80 - 120
Methyl tert-butyl ether	20.0	18.4		ug/L		92	69 - 122
Benzene	20.0	19.4		ug/L		97	80 - 120
Ethyl tert-butyl ether	20.0	18.2		ug/L		91	68 - 121
DIPE	20.0	18.3		ug/L		91	70 - 124
Tert-amyl methyl ether	20.0	18.5		ug/L		92	66 - 120
t-Butyl alcohol	200	185		ug/L		93	60 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	104		80 - 120
Toluene-d8 (Surr)	99		80 - 120

**Lab Sample ID: LCSD 410-177733/6**  
**Matrix: Water**  
**Analysis Batch: 177733**

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	20.0	20.8		ug/L		104	80 - 120	7	30
Toluene	20.0	20.7		ug/L		104	80 - 120	7	30
Xylenes, Total	60.0	63.6		ug/L		106	80 - 120	8	30
Methyl tert-butyl ether	20.0	20.0		ug/L		100	69 - 122	8	30
Benzene	20.0	20.8		ug/L		104	80 - 120	7	30
Ethyl tert-butyl ether	20.0	19.7		ug/L		98	68 - 121	8	30

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# QC Sample Results

Client: Kleinfelder Inc  
 Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

## Method: 8260C/UST - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 410-177733/6**  
**Matrix: Water**  
**Analysis Batch: 177733**

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
DIPE	20.0	20.1		ug/L		101	70 - 124	10	30
Tert-amyl methyl ether	20.0	20.1		ug/L		101	66 - 120	9	30
t-Butyl alcohol	200	203		ug/L		101	60 - 130	9	30
<b>LCSD LCSD</b>									
Surrogate	%Recovery	Qualifier	Limits						
<i>1,2-Dichloroethane-d4 (Surr)</i>	96		80 - 120						
<i>4-Bromofluorobenzene (Surr)</i>	98		80 - 120						
<i>Dibromofluoromethane (Surr)</i>	103		80 - 120						
<i>Toluene-d8 (Surr)</i>	97		80 - 120						



# QC Association Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

## GC/MS VOA

### Analysis Batch: 177733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-56714-1	MW-16	Total/NA	Groundwater	8260C/UST	
410-56714-2	MW-27	Total/NA	Groundwater	8260C/UST	
410-56714-3	MW-54B	Total/NA	Groundwater	8260C/UST	
410-56714-4	MW-82D	Total/NA	Groundwater	8260C/UST	
410-56714-5	MW-181A	Total/NA	Groundwater	8260C/UST	
410-56714-6	MW-7	Total/NA	Groundwater	8260C/UST	
410-56714-7	MW-27B	Total/NA	Groundwater	8260C/UST	
410-56714-8	MW-32	Total/NA	Groundwater	8260C/UST	
MB 410-177733/9	Method Blank	Total/NA	Water	8260C/UST	
LCS 410-177733/5	Lab Control Sample	Total/NA	Water	8260C/UST	
LCSD 410-177733/6	Lab Control Sample Dup	Total/NA	Water	8260C/UST	

# Lab Chronicle

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

**Client Sample ID: MW-16**  
**Date Collected: 09/27/21 12:45**  
**Date Received: 09/27/21 18:09**

**Lab Sample ID: 410-56714-1**  
**Matrix: Groundwater**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	177733	10/01/21 20:13	UKAD	ELLE

**Client Sample ID: MW-27**  
**Date Collected: 09/27/21 12:25**  
**Date Received: 09/27/21 18:09**

**Lab Sample ID: 410-56714-2**  
**Matrix: Groundwater**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	177733	10/01/21 20:37	UKAD	ELLE

**Client Sample ID: MW-54B**  
**Date Collected: 09/27/21 08:30**  
**Date Received: 09/27/21 18:09**

**Lab Sample ID: 410-56714-3**  
**Matrix: Groundwater**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	177733	10/01/21 21:01	UKAD	ELLE

**Client Sample ID: MW-82D**  
**Date Collected: 09/27/21 11:00**  
**Date Received: 09/27/21 18:09**

**Lab Sample ID: 410-56714-4**  
**Matrix: Groundwater**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	177733	10/01/21 21:26	UKAD	ELLE

**Client Sample ID: MW-181A**  
**Date Collected: 09/27/21 08:50**  
**Date Received: 09/27/21 18:09**

**Lab Sample ID: 410-56714-5**  
**Matrix: Groundwater**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	177733	10/01/21 21:50	UKAD	ELLE

**Client Sample ID: MW-7**  
**Date Collected: 09/27/21 13:10**  
**Date Received: 09/27/21 18:09**

**Lab Sample ID: 410-56714-6**  
**Matrix: Groundwater**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	177733	10/01/21 22:14	UKAD	ELLE

**Client Sample ID: MW-27B**  
**Date Collected: 09/27/21 12:00**  
**Date Received: 09/27/21 18:09**

**Lab Sample ID: 410-56714-7**  
**Matrix: Groundwater**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C/UST		1	177733	10/01/21 22:38	UKAD	ELLE



# Lab Chronicle

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

**Client Sample ID: MW-32**

**Lab Sample ID: 410-56714-8**

**Date Collected: 09/27/21 09:15**

**Matrix: Groundwater**

**Date Received: 09/27/21 18:09**

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Analysis	8260C/UST		1	177733	10/01/21 23:02	UKAD	ELLE

**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

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# Accreditation/Certification Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

## Laboratory: Eurofins Lancaster Laboratories Env, LLC

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

Authority	Program	Identification Number	Expiration Date
Maryland	State	100	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C/UST		Groundwater	Benzene
8260C/UST		Groundwater	DIPE
8260C/UST		Groundwater	Ethyl tert-butyl ether
8260C/UST		Groundwater	Ethylbenzene
8260C/UST		Groundwater	Methyl tert-butyl ether
8260C/UST		Groundwater	t-Butyl alcohol
8260C/UST		Groundwater	Tert-amyl methyl ether
8260C/UST		Groundwater	Toluene
8260C/UST		Groundwater	Xylenes, Total

# Method Summary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

Method	Method Description	Protocol	Laboratory
8260C/UST	Volatile Organic Compounds (GC/MS)	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

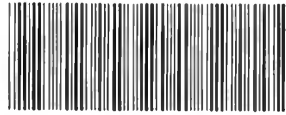
**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300





CH



410-56714 Chain of Custody

lobil Projects Drop Box - MW

PAGE \_\_\_ OF \_\_\_

Client / Reporting Information		SITE NAME - Provide Site Name for Retail or AFE Number for Major Projects										Requested Analysis ( see TEST CODE sheet)										Matrix Codes
Company Name <b>Kleinfelder</b>		Retail Project (Site Name) <b>Exxon - Phoenix 28077</b>					Company Name <b>ExxonMobil Environmental Services Co.</b>					MTBE, BTEX, ETBE, TAME, DIPE, TBA by EPA 8260B Full List VOCs + Oxy5 by 8260										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
Street Address <b>1745 Dorsey Road, Suite J</b>		Major Project (AFE)					If Project is Direct Bill to Consultant															
City State Zip <b>Hanover, MD 21076</b>		Project Name <b>14258 Jarrettsville Pike</b>					Company Name															
Project Contact <b>Mark Schaaf</b>		E-mail		City State <b>Phoenix MD</b>		Street Address																
Phone # <b>410-850-0404</b>		Fax # <b>410-850-0049</b>		ExxonMobil Manager		City State Zip																
Sampler(s) Name(s) <b>Charlie Brehm</b>		Phone #		ExxonMobil Purchase Order #		Attention:		PO#														
Field ID / Point of Collection		MEOH/DI Vial #	Collection		Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	LAB USE ONLY						
MW-16			9/27/21 1245		CB	GW	3	X								X						
MW-27			9/27/21 1225		CB	GW	3	X								X						
MW-54B			9/27/21 0830		CB	GW	3	X								X						
MW-82D			9/27/21 1100		CB	GW	3	X								X						
MW-181A			9/27/21 0850		CB	GW	3	X								X						
MW-7			9/27/21 1310		CB	GW	3	X								X						
MW-27B			9/27/21 1200		CB	GW	3	X								X						
MW-32			9/27/21 0915		CB	GW	3	X								X						
Data Deliverable Information																Comments / Special Instructions						
<input checked="" type="checkbox"/> Std. 10 Business Days <input type="checkbox"/> 8 Day RUSH <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY		Approved By (Accutest PM): / Date:				<input checked="" type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> NYASP Category A <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> NYASP Category B <input type="checkbox"/> FULLT1 (Level 3+4) <input type="checkbox"/> State Forms <input type="checkbox"/> NJ Reduced <input type="checkbox"/> EDD Format <input type="checkbox"/> Commercial "C" <input type="checkbox"/> Other																
Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data																						
Sample Custody must be documented below each time samples change possession, including courier delivery.																						
Relinquished by Sampler:		Date Time:		Received By:		Date Time:		Relinquished By:		Date Time:		Received By:										
1				1		Job 9/27/21 14:35		2		Job 9/27/21 17:41		2										
3				3				4				4										
5				6		9-27-21 1804		Custody Seal #		<input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Preserved where applicable		<input type="checkbox"/> On Ice <input checked="" type="checkbox"/> Cooler Temp.								

CTD



# Login Sample Receipt Checklist

Client: Kleinfelder Inc

Job Number: 410-56714-1

**Login Number: 56714**

**List Source: Eurofins Lancaster Laboratories Env, LLC**

**List Number: 1**

**Creator: Jeremiah, Cory T**

<b>Question</b>	<b>Answer</b>	<b>Comment</b>
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	

# Definitions/Glossary

Client: Kleinfelder Inc  
Project/Site: 2-8077 - Phoenix, MD

Job ID: 410-56714-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count