Ms. Susan Bull
Chief Remediation Division
Oil Control Program, Land and Materials Administration
Maryland Department of the Environment (MDE)
1800 Washington Boulevard
Baltimore, Maryland 21230

Arcadis U.S., Inc.
10205 Westheimer Road
Suite 800
Houston
Texas 77042
Phone: 713 953 4800
Fax: 713 977 4620
www.arcadis.com

TX Engineering License # F-533
TX Geoscientist License # 50158

Date: June 7, 2024
Our Ref: 30194635
Subject: Case Closure Request
Former Mobil Facility #14489
285 Old Bayview Road
North East, Cecil County, Maryland
MDE Case No. 1986-1205-CE

Dear Ms. Bull,

On behalf of ExxonMobil Environmental and Property Solutions (E&PS), Arcadis U.S., Inc. (Arcadis) is submitting for your review a Case Closure Request for the Former Mobil Facility #14489 located at 285 Old Bayview Road, in North East, Cecil County, Maryland (the Site). A Local Area Map and Site Map are included as **Figures 1** and **2**, respectively.

Site History

Following the discovery of a drain line leaking gasoline at the Site, seven groundwater monitoring wells (MW-1 through MW-7) were installed in April and May of 1986. Liquid phase hydrocarbon (LPH) was detected and MDE Case #89-0867 was opened. Four additional groundwater monitoring wells (MW-8 through MW-11) were installed in May 1989. A Remedial Investigation Report (RIR) was submitted to the Maryland Department of Environment (MDE) in May 1998 (Hunter Services 1991).

In July 1990, a Remedial Action Plan (RAP) was submitted to the MDE, detailing plans for a recovery trench, well and treatment system. The Site remediation system began operation in January 1991 and was operated until October 1996. Five additional groundwater monitoring wells (MW-12 through MW-16) were installed in March 1991 for site delineation as part of an Extended Site Assessment.

Additional site characterization was completed in December 1997 to delineate soil and groundwater quality adjacent to and downgradient from the potential source area. In July 2007, three underground storage tanks (USTs) were removed from the Site and a Post Excavation Sampling Report was submitted to MDE in December 2007 documenting these activities.

In accordance with the site status letter issued by MDE, dated May 5, 2009, the groundwater monitoring wells and two of the off-site potable wells (259 and 261 Old Bayview Road) have been sampled quarterly and semiannually.

On January 15, 2016, Arcadis requested to rescind the Revised Corrective Action Plan (CAP) Report dated April 15, 2013. The April 15, 2013, Revised CAP Report proposed the injection of gypsum slurry with an Epsom salt solution to reduce concentrations of dissolved-phase chemicals of concerns (COCs). An evaluation of groundwater analytical data by Arcadis determined that monitored natural attenuation was occurring at the Site. Since monitored natural attenuation was occurring at the Site, the proposed gypsum slurry injection would be marginally beneficial. Therefore, the gypsum slurry injection remedial strategy plan was recommended to be discontinued in email correspondence to the MDE dated June 3, 2015. In place of the gypsum slurry injection, monitoring natural attenuation would be evaluated at the Site over a period of two years beginning with the 3rd Quarter 2015 groundwater monitoring and sampling period.

Arcadis attended a meeting with the MDE to discuss the case on November 29, 2016. Per the meeting, Arcadis contacted both property owners of 259 Bayview Road and 261 Bayview Road to discuss connection of both properties to municipal water. Additionally, the MDE requested that Arcadis modify the groundwater sampling program at the Site from a quarterly to semi-annual basis and to sample a sub-set of the groundwater monitoring wells at the Site. The private water supply well sampling program continued on a quarterly frequency.

The *Reduced Sampling Approval* letter from the MDE dated May 31, 2017 (**Attachment A**), approved the reduction in frequency of groundwater monitoring and sampling at the Site from a quarterly to a semi-annual basis; and the abandonment of groundwater monitoring wells MW-12 through MW-16 and chemical injection wells INJ-1 through INJ-3. The letter also required submittal of a Monitored Natural Attenuation Evaluation report.

Arcadis submitted a *Monitored Natural Attenuation Evaluation Report* dated June 26, 2017, to the MDE (**Attachment B**). The geochemical data for the Site indicated that mild to moderately high reducing conditions are prevalent onsite. The presence of detectable dissolved oxygen concentrations indicate that aerobic conditions existed onsite as well as offsite, which is conducive to degradation of COCs. The stable COC concentration trends and mild to moderately high reducing anaerobic geochemical conditions continue to demonstrate that MNA is a viable remedy for the dissolved-phase COCs in site groundwater.

Arcadis submitted a *Monitoring Well Abandonment Report* dated August 8, 2017, which documented the abandonment of groundwater monitoring wells MW-12 through MW-16 and chemical injection wells INJ-1 through INJ-3 on July 20, 2017.

Current Site Assessment Activities

Quarterly potable well sampling have been conducted at the private water supply wells located at 259 Bayview Road (Broomall) and 261 Bayview Road (Murtaugh). Samples were collected from the Influent, Midfluent, and Effluent of the point of entry treatment (POET) systems at both residences.

The detections of dissolved-phase chemicals of concern (COCs) detected during the latest potable well sampling event conducted on February 14, 2024 are summarized in the table below.

Detected Potable Well Concentrations (February 2024)

Chemical of Concern	Water Supply Well ID	Sample Location	Concentration (µg/L)	MEAT Groundwater Standard (µg/L)
methyl tert butyl ether (MTBE)	259 Bayview Road	Influent	**37**	20
	261 Bayview Road	Influent	15	
tert-Butyl alcohol (TBA)	259 Bayview Road	Influent	39	NE
		Midfluent	56	
		Effluent	62	
	261 Bayview Road	Influent	ND	
		Midfluent	37	
		Effluent	37	

Notes:
Bolded concentrations exceed the applicable MEAT LUST Groundwater Standard.
µg/L = micrograms per liter
ND = Not Detected
NE = Not Established
NS = Not Sampled

MTBE concentration exceeding the applicable Maryland Environmental Assessment Technology (MEAT) Standards for Leaking Underground Storage Tanks (LUSTs) was detected in the 259 Bayview Road POET Influent sample on the February 2024 sampling event.

Current and historical potable well analytical data is included in **Table 1**.

Semiannual Groundwater Sampling Events

The latest semiannual groundwater sampling event was conducted on December 6, 2023.

Arcadis personnel gauged seven (7) groundwater monitoring wells, MW-1A, MW-2A, MW-3A, MW-5A, MW-8, MW-10, and MW-11 using an oil/water interface probe (IP) to determine depth to water and depth to product, if present. The IP and attached tape, marked in 0.01-foot increments, were properly decontaminated before each use with Liquinox soap and a distilled water rinse. Measurements were recorded to the nearest 0.01-foot increment. The depth to water was measured from the marked survey point on the top of well casing (TOC). No free product was detected in any of the groundwater monitoring wells on December 6, 2023.

Depth to water on December 6, 2023, ranged from 2.48 ft below top of casing (btoc) in groundwater monitoring well MW-3A to 9.31 feet btoc in groundwater monitoring well MW-11. Groundwater flow was observed to be towards the south-southeast and is consistent with historical observed groundwater flow. Historical groundwater elevations are summarized in **Table 2**. A shallow groundwater potentiometric surface map is presented as **Figure 3**.

Groundwater samples were collected from monitoring wells MW-1A, MW-2A, MW-3A, MW-5A, MW-8, MW-10, and MW-11 using a peristaltic pump fitted with new Teflon tubing. The sampling tubing was lowered into each

groundwater monitoring well to a depth corresponding to the center of the saturated screen section. The static water level at each groundwater monitoring well location was measured at 3 to 5-minute intervals during purging, and the pump rate was adjusted accordingly to maintain a stable water level during purging.

Natural attenuation parameters including dissolved oxygen, pH, conductivity, and oxygen reduction potential (ORP) were collected and recorded at 3 to 5-minute intervals. Groundwater samples were collected from each groundwater monitoring well after these parameters had stabilized. A summary of natural attenuation parameters is presented as **Table 3**.

Groundwater samples collected from the groundwater monitoring wells were placed in laboratory supplied containers and shipped in a cooler with wet ice to Eurofins Lancaster Laboratories Environmental, LLC in Lancaster, Pennsylvania under chain of custody documentation. Groundwater samples collected from groundwater monitoring wells were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, and fuel oxygenates using United States Environmental Protection Agency (USEPA) Method 8260C. Quality Assurance/Quality Control (QA/QC) samples were collected included a duplicate sample (collected from MW-1A), a rinsate blank, and trip blanks.

Groundwater Analytical Results

The groundwater analytical data indicated the following:

- Dissolved-phase concentrations of benzene were detected in concentrations exceeding the applicable MEAT Groundwater Standard (5 micrograms per liter [µg/L]) in monitoring wells MW-2A (14 µg/L) and MW-5A (5.8 µg/L).
- Dissolved-phase concentrations of ethylbenzene were detected in concentrations exceeding the applicable MEAT Groundwater Standard (700 µg/L) in monitoring well MW-2A (790 µg/L).
- Dissolved-phase concentrations of naphthalene were detected in concentrations exceeding the applicable MEAT Groundwater Standard (0.7 µg/L) in groundwater monitoring wells MW-1A (97 µg/L), MW-2A (190 µg/L), MW-5A (160 µg/L), and MW-11 (19 µg/L).

Current and historical groundwater sampling data is presented in **Table 2**. A groundwater analytical map is included as **Figure 4**.

The maximum dissolved-phase concentrations of selected COCs detected during the groundwater sampling event are summarized below:

Maximum Groundwater Concentrations (December 6, 2023)

Chemical of Concern	Well ID	Concentration (µg/L)	MEAT Groundwater Standard (µg/L)
Benzene	MW-2A	**14**	5.0
Toluene	MW-1A	49	1,000
Ethylbenzene	MW-2A	**790**	700
Xylenes (total)	MW-5A	720	10,000
MTBE	MW-11	1.2	20

Chemical of Concern	Well ID	Concentration (µg/L)	MEAT Groundwater Standard (µg/L)
tert-Butyl alcohol (TBA)	All	Non-Detect	NE
di-Isopropyl Ether (DIPE)	All	Non-Detect	NE
Ethyl Tertiary Butyl Ether (ETBE)	All	Non-Detect	NE
Tertiary Amyl Methyl Ether (TAME)	All	Non-Detect	NE
Naphthalene	MW-2A	**190**	0.7

Notes:
Bolded concentrations exceed the applicable MEAT LUST Groundwater Standard.
µg/L = micrograms per liter
ND = Not Detected

NE = Not Established

Water Line Connection and Potable Well Abandonment Activities

As agreed with the MDE, Arcadis coordinated activities for municipal water service connections to 259 and 261 Old Bayview Rd. residences, 259 and 261 Old Bayview Road.

Construction activities for water line connections started on March 18, 2024 and included directional drilling, and mechanical trenching activities, to connect both lines from the main water line located on the main Old Bayview Road to the 259 and 261 Old Bayview residences. As-built drawing of the connected water lines is presented on **Figure 5**. **Attachment C** contains water service details for 259 and 261 Old Bayview Road residences.

Once the water lines connections were completed and tested, Arcadis coordinated potable well abandonment activities. Abandonment activities were conducted by a licensed State of Maryland's drilling contractor: Parrat Wolff. The wells were grouted and sealed in place. The MDE Water Well Abandonment-Sealing reports can be found in **Attachment D**.

Water lines connection and potable well abandonment activities were completed on April 3, 2024. A photo log of these activities is presented as **Attachment E**.

Seven Risk Factors

As required by the MDE OCP Maryland Environmental Assessment Technology (MEAT) guidance, an evaluation of the remedial goals for the property including an evaluation for the potential of off-site migration of dissolved-phase chemicals of concern (COCs) are described below, using the risk determination made with the MEAT guidance Seven Risk Factors.

1. Liquid Phase Hydrocarbons (LPH) - Pass

The MEAT guidance requires that LPH must be removed from the Site to the extent practicable. LPH is not currently detected at the Site. LPH was last detected at the Site in groundwater monitoring well MW-2A on November 20, 2008, and in injection well INJ-2 at an apparent thickness of 0.01 feet in August of 2012. No additional LPH has been detected onsite.

2. Current and Future Use of Groundwater – Pass

Two potable wells with historical MEAT standard exceedances of MTBE, located at 259 and 261 Old Bayview Road, were abandoned, and grout sealed on April 2, 2024. The MDE Water Well Abandonment-Sealing reports can be found in **Attachment D**. No MEAT exceedances were observed in any other private potable wells located within a 300 feet radius from the Site.

3. Migration of Contamination - Pass

No COCs had been detected above the MEAT standards in downgradient wells MW-13 through MW-16; these monitoring wells were abandoned in 2017. MTBE exceedance had been detected in private potable wells from 259 and 261 Old Bayview Road. In the *Monitored Natural Attenuation Evaluation Report* dated June 26, 2017, prepared by Arcadis, and submitted to the MDE (**Attachment B**) it was determined that the geochemical data for the Site indicated that mild to moderately high reducing conditions are prevalent onsite. The presence of detectable dissolved oxygen concentrations indicated that aerobic conditions exist onsite as well as offsite, which is conducive to degradation of COCs. The stable COC concentration trends and mild to moderately high reducing anaerobic geochemical conditions continue to demonstrate that MNA is a viable remedy for the dissolved-phase COCs in site groundwater.

4. Human Exposure – Pass

Human exposure to Site COCs is not expected to occur. The Site is covered by an impermeable layer of concrete and asphalt that prevents exposure to soil through ingestion or dermal contact. Impacted potable wells located at 259 and 261 Old Bayview Road, were abandoned, and grout sealed on April 2, 2024. Both residences were connected to the City of North East, Maryland water service. **Attachment C** contains the water service details for 259 and 261 Old Bayview Road residences. The MDE Water Well Abandonment-Sealing reports can be found in **Attachment D**.

5. Environmental Ecological Exposure - Pass

The Site is adjacent to Old Bayview Road in a mixed residential and commercial area. No sensitive ecological or natural resources have been identified at or near the Site. There has been no exposure to natural resources from site related COCs.

6. Impact to Utilities and other Buried Services - Pass

Underground utilities in the vicinity of groundwater impact are private electrical lines, which are typically installed at depths of less than 5 feet. No groundwater impacts have been observed to private utilities. Public utilities offsite are also typically installed at depths of less than 5 feet. Offsite groundwater depths are greater than 5 feet; therefore there is no potential for impact of offsite public utilities.

7. Other Sensitive Receptors - Pass

No surface water, wetlands, or specially designated environmental habitat is located within 1000 feet of the Site. No public use areas are located within 300 feet of the Site.

Ms. Susan Bull
Maryland Department of the Environment (MDE)
June 7, 2024

Conclusion

Based on the evaluation of the Seven Risk Factors and having completed the municipal water line connections to 259 and 261 Old Bayview Road residences and abandonment of their respective potable wells, there does not appear to be risk to human health or the environment.

Arcadis respectfully requests case closure for MDE Case No. 1986-1205-CE. Upon receipt of approval for case closure, Arcadis will commence monitoring well abandonment activities at the Site.

Please contact me if you have any questions or comments regarding this request.

Sincerely,
Arcadis U.S., Inc.

Ruben Lopez
Project Manager

Email: Ruben.Lopez@arcadis.com
Direct Line: 713.953.4731

Enclosures:

Table 1 – Historical Potable Well Analytical Data
Table 2 – Historical Groundwater Monitoring and Analytical Data
Table 3 – Natural Attenuation Parameters

Figure 1 – Local Area Map
Figure 2 – Site Map
Figure 3 – Groundwater Potentiometric Surface Map
Figure 4 – Groundwater Analytical Map
Figure 5 – As Built Drawing of the New Water Line Connections

Attachment A – *Reduced Sampling Approval* letter from the MDE dated May 31, 2017
Attachment B – *Monitored Natural Attenuation Evaluation Report* dated June 26, 2017
Attachment C – Water Service Details for 259 and 261 Old Bayview Road Residences
Attachment D – MDE Water Well Abandonment-Sealing Reports
Attachment E – Water Line Connection and Potable Well Abandonment Photo Log

Tables

Table 1
Potable Water Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

ARCADIS

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	TAME	ETBE	DIPE	Naphthalene	2-Butanone	Tetrahydrofuran
MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**	**--**	**--**
215 Bayview Road	4/9/2008	<0.5	<0.5	<0.5	<0.5	BRL	0.19 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/19/2019	<0.5	<0.5	<0.5	<1.0	BRL	0.1 J	<25	<0.5	<0.5	<0.5	<0.5	<5.0	NA
223 Bayview Road	12/19/2005	<0.5	<0.5	<0.5	<0.5	BRL	0.19	<5	NA	NA	NA	NA	NA	NA
	6/23/2005	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	NA	NA	NA
	12/19/2005	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	NA	NA	NA
	6/12/2006	<0.5	<0.5	<0.5	<0.5	BRL	0.29 J	<5	NA	NA	NA	<0.5	NA	NA
	6/12/2006	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	1/30/2007	<0.5	<0.5	<0.5	<0.5	BRL	0.32 J	<5	NA	NA	NA	<0.5	NA	NA
	1/30/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	4/9/2008	<0.5	<0.5	<0.5	<0.5	BRL	0.18 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	4/9/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/19/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<25	<0.5	<0.5	<0.5	<0.5	<5.0	NA
237 Bayview Road	6/23/2005	<0.5	<0.5	<0.5	<1.0	BRL	0.11 J	<5	NA	NA	NA	NA	NA	NA
	12/19/2005	<0.5	<0.5	<0.5	<1.0	BRL	0.11 J	<5	NA	NA	NA	NA	NA	NA
	6/12/2006	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	1/30/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	4/9/2008	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/19/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<25	<0.5	<0.5	<0.5	<0.5	<5.0	NA
243 Bayview Road	6/23/2005	<0.5	<0.5	<0.5	<1.0	BRL	0.18 J	<5	NA	NA	NA	NA	NA	NA
	12/19/2005	<0.5	<0.5	<0.5	<1.0	BRL	0.18 J	<5	NA	NA	NA	NA	NA	NA
	6/12/2006	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	1/30/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	4/9/2008	<0.5	<0.5	<0.5	<1.0	BRL	0.070 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
246 Bayview Road	6/23/2005	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	NA	NA	NA
	12/19/2005	<0.5	<0.5	<0.5	<1.0	BRL	0.1	<5	NA	NA	NA	NA	NA	NA
	6/12/2006	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	1/30/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	4/9/2008	<0.5	<0.5	<0.5	<1.0	BRL	0.16 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/23/2008	<0.5	<0.5	<0.5	<1.0	BRL	0.13 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/19/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<25	<0.5	<0.5	<0.5	<0.5	<5.0	NA
256 Bayview Road	6/23/2005	<0.5	<0.5	<0.5	<1.0	BRL	1.00	<5	NA	NA	NA	NA	NA	NA
	12/19/2005	<0.5	<0.5	<0.5	<1.0	BRL	0.8	<5	NA	NA	NA	NA	NA	NA
	6/12/2006	<0.5	<0.5	<0.5	<1.0	BRL	0.67	<5	NA	NA	NA	<0.5	NA	NA
	1/30/2007	<0.5	<0.5	<0.5	<1.0	BRL	0.76	<5	NA	NA	NA	<0.5	NA	NA
	9/19/2019	<0.5	<0.5	<0.5	<1.0	BRL	0.1 J	<25	<0.5	<0.5	<0.5	<0.5	<5.0	NA
259 Bayview Road	3/30/2005	0.1	0.081	<0.5	<1.0	0.2	15.5	41	NA	NA	NA	NA	NA	NA
	6/23/2005	<0.5	<0.5	<0.5	<1.0	BRL	**21.1**	68.1	NA	NA	NA	NA	NA	NA
	8/29/2005	0.18 J	0.30 J	<0.5	<1.0	0.63 J	16.8	52.8	NA	NA	NA	<0.5	NA	NA
	9/26/2005	0.083	<0.5	<0.5	<1.0	0.296	16.4	44.3	NA	NA	NA	NA	NA	NA
	10/25/2005	<0.5	<0.5	<0.5	<1.0	BRL	19.3	38.6	NA	NA	NA	NA	NA	NA
	11/14/2005	<0.5	<0.5	<0.5	<1.0	BRL	5.9	16.7	NA	NA	NA	NA	NA	NA
	12/19/2005	<0.5	<0.5	<0.5	<1.0	BRL	19.8	50.0	NA	NA	NA	NA	NA	NA
	1/20/2006	<0.5	<0.5	<0.5	<1.0	BRL	13.3	44.3	NA	NA	NA	<0.5	NA	NA
	3/3/2006	0.096 J	<0.5	<0.5	<1.0	0.096 J	16.9	53.6	NA	NA	NA	<0.5	NA	NA
	4/3/2006	<0.5	<0.5	<0.5	<1.0	BRL	17.6	65.3	NA	NA	NA	<0.5	NA	NA
	5/15/2006	0.087 J	<0.5	<0.5	<1.0	0.087 J	20.0	58.9	NA	NA	NA	<0.5	NA	NA
	6/12/2006	<0.5	<0.5	<0.5	<1.0	BRL	18.4	64.5	NA	NA	NA	<0.5	NA	NA
	7/27/2006	0.083 J	<0.5	<0.5	<1.0	0.083 J	**22.1**	73.7	NA	NA	NA	<0.5	NA	NA
	8/29/2006	<0.5	<0.5	<0.5	<1.0	BRL	**23.7**	98.6	NA	NA	NA	<0.5	NA	NA
	9/26/2006	<0.5	<0.5	<0.5	<1.0	BRL	**25.7**	73.8	<0.5	<0.5	1.7	<0.5	NA	NA

See Notes on Page 10.

Table 1
Potable Water Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

ARCADIS

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	TAME	ETBE	DIPE	Naphthalene	2-Butanone	Tetrahydrofuran
MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**	**--**	**--**
259 Bayview Road (cont.)	10/31/2006	<0.5	<0.5	<0.5	<1.0	BRL	**30.2**	93.0	<0.5	<0.5	1.5	<0.5	NA	NA
	11/30/2006	<0.5	<0.5	<0.5	<1.0	BRL	**30.9**	103	NA	NA	NA	<0.5	NA	NA
	12/19/2006	0.084 J	<0.5	<0.5	<1.0	0.084 J	**32.5**	121	<0.5	<0.5	2.0	<0.5	NA	NA
	1/30/2007	<0.5	<0.5	<0.5	<1.0	BRL	**33.2**	128	NA	NA	NA	<0.5	NA	NA
	2/28/2007	<0.5	<0.5	<0.5	<1.0	BRL	**38.6**	133	NA	NA	NA	<0.5	NA	NA
	3/15/2007	0.096 J	<0.5	<0.5	<1.0	0.096 J	**33.1**	140	0.14 J	<0.5	1.6	<0.5	NA	NA
259 Bayview Road INF	3/23/2007	<0.5	<0.5	<0.5	<1.0	BRL	**32.2**	136	NA	NA	NA	<0.5	NA	NA
	4/17/2007	<0.5	<0.5	<0.5	<1.0	BRL	**29.9**	104	NA	NA	NA	<0.5	NA	NA
	5/31/2007	<0.5	<0.5	<0.5	<1.0	BRL	**38.0**	145	NA	NA	NA	<0.5	NA	NA
	6/22/2007	<0.5	<0.5	<0.5	<1.0	BRL	**36.8**	133	NA	NA	NA	<0.5	NA	NA
	9/19/2007	<0.5	<0.5	<0.5	<1.0	BRL	**39.9**	158	NA	NA	NA	<0.5	NA	NA
	10/23/2007	0.081 J	<0.5	<0.5	<1.0	0.081 J	**39.3**	142	NA	NA	NA	<0.5	NA	NA
	11/29/2007	<0.5	<0.5	<0.5	<1.0	BRL	**37.6**	189	NA	NA	NA	<0.5	NA	NA
	3/24/2008	<0.5	<0.5	<0.5	<1.0	BRL	**35.0**	148	NA	NA	NA	<0.5	NA	NA
	6/30/2008	<0.5	<0.5	<0.5	<1.0	BRL	**37.9**	105	0.093 J	<0.5	1.4	<0.5	NA	NA
	9/23/2008	0.087 J	<0.5	<0.5	<1.0	0.087 J	**47.3**	149	0.082 J	<0.5	1.2	<0.5	NA	NA
	11/20/2008	<0.5	<0.5	<0.5	<1.0	BRL	**38.2**	131	0.11 J	<0.5	1.6	<0.5	NA	NA
	2/11/2009	<0.5	<0.5	<0.5	<1.0	BRL	**35.8**	102	<0.5	<0.5	1.3	<0.5	NA	NA
	4/21/2009	0.079 J	<0.5	<0.5	<1.0	0.079 J	**44.6**	121	0.095 J	<0.5	1.5	<0.5	NA	NA
	7/31/2009	<0.5	<0.5	<0.5	<1.0	BRL	**34.5**	134	0.075 J	<0.5	1.2	<0.5	NA	NA
	10/13/2009	<0.5	<0.5	<0.5	<1.0	BRL	**35.6**	118	0.11 J	<0.5	1.3	<0.5	NA	NA
	1/13/2010	<0.5	<0.5	<0.5	<1.0	BRL	**50.9**	173	<0.5	<0.5	1.6	<0.5	NA	NA
	4/21/2010	<0.5	<0.5	<0.5	<1.0	BRL	**40.6**	105	0.19 J	<0.5	1.5	<0.5	NA	NA
	7/22/2010	0.083 J	<0.5	<0.5	<1.0	0.083 J	**40.3**	123	0.19 J	<0.5	1.4	<0.5	NA	NA
	11/23/2010	<0.5	<0.5	<0.5	<1.0	BRL	**39.6**	91	0.12 J	<0.5	1.2	<0.5	NA	NA
	3/1/2011	<0.5	<0.5	<0.5	<1.0	BRL	**43.6**	59.9	1.58	<0.5	<0.5	<5	NA	NA
	5/19/2011	<0.5	<0.5	<0.5	<1.0	BRL	**44.8**	86.2	<0.5	<0.5	1.63	<5	NA	NA
	7/12/2011	<1	<1	<1	<1.0	BRL	**43.2**	114	<1	<1	1.85	<5	NA	NA
	10/24/2011	<1	<1	<1	<1.0	BRL	**42.6**	99.3	1.49	<1	<1	<5	NA	NA
	2/8/2012	<1	<1	<1	<1.0	BRL	**39.2**	90.1	1.12	<1	<1	<5	NA	NA
	5/23/2012	<0.5	<0.5	<0.5	<1.0	BRL	**45.4**	65.2	<0.5	<0.5	1.68	<5	NA	NA
	8/14/2012	<1	<1	<1	<1.0	BRL	**36**	51.6	<1	<1	<2	<5	NA	NA
	10/4/2012	<0.5	<0.5	<0.5	<1.0	BRL	**47.9**	70.5	1.38	<0.5	<0.5	<5	NA	NA
	2/22/2013	<0.5	<0.5	<0.5	<1.0	BRL	**47.7**	64.8	1.3	<0.5	<0.5	<5	NA	NA
	5/1/2013	<0.5	<0.5	<0.5	<1.0	BRL	**49**	134	<0.5	<0.5	1.32	<5	NA	NA
	8/6/2013	<0.5	<0.5	<0.5	<1.0	BRL	**51.8**	154	<0.5	<0.5	1.49	<5	NA	NA
	10/3/2013	<0.5	<0.5	<0.5	<1.0	BRL	**38.4**	90.6	<0.5	<0.5	1.36	<5	NA	NA
	3/6/2014	<0.5	<0.5	<0.5	<1.0	BRL	**48**	117	<0.5	<0.5	1.3	<5	NA	NA
	6/12/2014	<0.5	<0.5	<0.5	<1.0	BRL	**52.7**	155	<0.5	<0.5	1.63	<5	NA	NA
	9/19/2014	<0.5	<0.5	<0.5	<1.0	BRL	**54.1**	138	<0.5	<0.5	1.45	<5	NA	NA
	11/13/2014	<0.5	<0.5	<0.5	<1.0	BRL	**47.9**	109	<0.5	<0.5	1.20	<5	NA	NA
	3/25/2015	<0.5	<0.5	<0.5	<1.0	BRL	**51.0**	187	<0.5	<0.5	1.41	<5	NA	NA
	6/25/2015	<0.5	<0.5	<0.5	<1.0	BRL	**59.3**	135	<0.5	<0.5	1.49	<5	NA	NA
	7/29/2015	<0.5	<0.5	<0.5	<1.0	BRL	**43.7**	101	<0.5	<0.5	1.15	<5	NA	NA
	10/29/2015	<0.5	<0.5	<0.5	<1.0	BRL	**75.9**	225	<0.5	<0.5	1.65	<5	NA	NA

See Notes on Page 10.

Table 1
Potable Water Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

ARCADIS

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	TAME	ETBE	DIPE	Naphthalene	2-Butanone	Tetrahydrofuran
MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**	**--**	**--**
259 Bayview Road INF (cont.)	2/11/2016	<0.5	<0.5	<0.5	<1.0	BRL	**54.2**	185	<0.5	<0.5	1.51	<5	NA	NA
	5/10/2016	<0.5	<0.5	<0.5	<1.0	BRL	**70.9**	143	<0.5	<0.5	1.43	<5	NA	NA
	8/16/2016	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10.0	<0.5	<0.5	<0.5	<5	NA	NA
	11/8/2016	<0.5	<0.5	<0.5	<1.0	BRL	12.7	35.2	<0.5	<0.5	0.538	<5	NA	NA
	2/9/2017	<0.5	<0.5	<0.5	<1.0	BRL	**48.6**	116	<0.5	<0.5	1.40	<5	NA	NA
	5/1/2017	<0.5	<0.5	<0.5	<1.0	BRL	**55.3**	142	<0.5	<0.5	1.40	<5	NA	NA
	8/8/2017	<0.5	<0.5	<0.5	<1.0	BRL	**47.7**	90.4	<0.5	<0.5	1.10	<5	NA	NA
	10/5/2017	<0.5	<0.5	<0.5	<1.0	BRL	**51.0**	NA	NA	NA	NA	<0.5	<5.0	<7.0
	2/21/2018	<0.5	<0.5	<0.5	<1.0	BRL	**47**	100	<3.0	<3.0	1.2	<0.5	<5.0	<7.0
	5/29/2018	<0.5	<0.5	<0.5	<1.0	BRL	**51**	NA	NA	NA	NA	<0.5	<5.0	<7.0
	8/27/2018	<0.5	<0.5	<0.5	<1.0	BRL	**24**	NA	NA	NA	NA	<0.5	<5.0	<7.0
	10/23/2018	<0.5	<0.5	<0.5	<1.0	BRL	**55**	NA	NA	NA	NA	<0.5	<5.0	<7.0
	2/22/2019	<0.5	<0.5	<0.5	<1.0	BRL	**49**	NA	NA	NA	NA	<0.5	<5.0	<7.0
	5/30/2019	<0.5	<0.5	<0.5	<1.0	BRL	**51**	NA	NA	NA	NA	<0.5	<5.0	<7.0
	8/28/2019	<0.5	<0.5	<0.5	<1.0	BRL	**43**	75	NA	NA	NA	<0.5	<5.0	<7.0
	11/11/2019	<0.5	<0.5	<0.5	<1.0	BRL	**46**	87	NA	NA	NA	<0.5	<5.0	<7.0
	3/5/2020	<0.5	<0.5	<0.5	<1.0	BRL	**46**	NA	NA	NA	NA	<0.5	<5.0	<7.0
	6/23/2020	<0.5	<0.5	<0.5	<1.0	BRL	<0.50	<25	NA	NA	NA	<0.5	<5.0	<7.0
	9/22/2020	<0.50	<0.50	<0.50	<1.0	BRL	**46**	70	NA	NA	NA	<0.50	<5.0	<7.0
	11/24/2020	<0.50	<0.50	<0.50	<1.0	BRL	**44**	89	NA	NA	NA	<0.50	<5.0	<7.0
	3/5/2021	<0.50	<0.50	<0.50	<1.0	BRL	**42**	57	NA	NA	NA	<0.50	<5.0	<7.0
	6/22/2021	<0.50	<0.50	<0.50	<1.0	BRL	**53**	65	NA	NA	NA	<0.50	<5.0	<7.0
	9/21/2021	<0.50	<0.50	<0.50	<1.0	BRL	**43**	66	NA	NA	NA	<0.50	<5.0	<7.0
	12/13/2021	<0.50	<0.50	<0.50	<1.0	BRL	**48**	59	NA	NA	NA	<0.50	<5.0	<7.0
	3/21/2022	<0.50	<0.50	<0.50	<1.0	BRL	**46**	65	NA	NA	NA	<0.50	<5.0	<7.0
	6/16/2022	<0.50	<0.50	<0.50	<1.0	BRL	**50**	67	NA	NA	NA	<0.50	<5.0	<7.0
	9/22/2022	<0.50	<0.50	<0.50	<1.0	BRL	**42**	57	NA	NA	NA	<0.50	<5.0	<7.0
	12/14/2022	<0.50	<0.50	<0.50	<1.0	BRL	**46**	60	NA	NA	NA	<0.50	<5.0	<7.0
	3/28/2023	<0.50	<0.50	<0.50	<1.0	BRL	**41**	82	NA	NA	NA	<0.50	<5.0	<7.0
	6/26/2023	<0.50	<0.50	<0.50	<1.0	BRL	**41**	42	NA	NA	NA	<0.50	<5.0	<7.0
	9/26/2023	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	90	NA	NA	NA	<0.50	<5.0	<7.0
	12/6/2023	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	60	NA	NA	NA	<0.50	<5.0	<7.0
259 Bayview Road MID	3/23/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	4/17/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	5/31/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	6/22/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	9/19/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	56.3	NA	NA	NA	<0.5	NA	NA
	10/23/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	85.5	NA	NA	NA	<0.5	NA	NA
	11/29/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	156	NA	NA	NA	<0.5	NA	NA
	3/24/2008	<0.5	<0.5	<0.5	<1.0	BRL	0.089 J	3.7 J	NA	NA	NA	<0.5	NA	NA
	6/30/2008	<0.5	<0.5	<0.5	<1.0	BRL	10.0	81.4	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/23/2008	<0.5	<0.5	<0.5	<1.0	BRL	0.49 J	119	<0.5	<0.5	<0.5	<0.5	NA	NA
	11/20/2008	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	2/11/2009	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	4/21/2009	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	4.3 J	<0.5	<0.5	<0.5	<0.5	NA	NA
	7/31/2009	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	93.3	<0.5	<0.5	<0.5	<0.5	NA	NA
	10/13/2009	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	1/13/2010	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	58.3	<0.5	<0.5	<0.5	<0.5	NA	NA
	4/21/2010	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	20.5	<0.5	<0.5	<0.5	<0.5	NA	NA
	7/22/2010	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	11/23/2010	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	101	<0.5	<0.5	<0.5	<0.5	NA	NA
	3/1/2011	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	5/19/2011	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	7/12/2011	<1	<1	<1	<1.0	BRL	<1	<20	<1	<1	<1	<5	NA	NA
	10/24/2011	<1	<1	<1	<1.0	BRL	<1	63.4	<1	<1	<1	<5	NA	NA
	2/8/2012	<1	<1	<1	<1.0	BRL	<1	<10	<1	<1	<1	<5	NA	NA
	5/23/2012	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	8/14/2012	<1	<1	<1	<1.0	BRL	<1	<10	<1	<1	<2	<5	NA	NA
	10/4/2012	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	27.2	<0.5	<0.5	<0.5	<5	NA	NA
	2/22/2013	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	76.9	<0.5	<0.5	<0.5	<5	NA	NA
	5/1/2013	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA

See Notes on Page 10.

Table 1
Potable Water Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

ARCADIS

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	TAME	ETBE	DIPE	Naphthalene	2-Butanone	Tetrahydrofuran
MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**	**--**	**--**
259 Bayview Road MID (cont.)	8/6/2013	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	10/3/2013	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	3/6/2014	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	75.8	<0.5	<0.5	<0.5	<5	NA	NA
	6/12/2014	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	56.5	<0.5	<0.5	<0.5	<5	NA	NA
	9/19/2014	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	128	<0.5	<0.5	<0.5	<5	NA	NA
	11/13/2014	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	3/25/2015	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	6/25/2015	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	7/29/2015	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	10/29/2015	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	25.0	<0.5	<0.5	<0.5	<5	NA	NA
	2/11/2016	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	78.2	<0.5	<0.5	<0.5	<5	NA	NA
	5/10/2016	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	107	<0.5	<0.5	<0.5	<5	NA	NA
	8/16/2016	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10.0	<0.5	<0.5	<0.5	<5	NA	NA
	11/8/2016	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10.0	<0.5	<0.5	<0.5	<5	NA	NA
	2/9/2017	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	37.1	<0.5	<0.5	<0.5	<5	NA	NA
	5/1/2017	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10.0	<0.5	<0.5	<0.5	<5	NA	NA
	8/8/2017	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	32.2	<0.5	<0.5	<0.5	<5	NA	NA
	10/5/2017	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	2/21/2018	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	16	<3.0	<3.0	<0.5	<0.5	<5.0	<7.0
	5/29/2018	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	8/27/2018	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	10/23/2018	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	2/22/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	5/30/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	8/28/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	100	NA	NA	NA	<0.5	<5.0	<7.0
	11/10/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.4	83	NA	NA	NA	<0.4	<5.1	<7.1
	3/5/2020	<0.5	<0.5	<0.5	<1.0	BRL	**41.0**	49	NA	NA	NA	<0.5	<5.0	<7.0
	6/23/2020	<0.5	<0.5	<0.5	<1.0	BRL	<0.50	<25	NA	NA	NA	<0.5	<5.0	<7.0
	9/22/2020	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<25	NA	NA	NA	<0.50	<5.0	<7.0
	11/24/2020	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	34	NA	NA	NA	<0.50	<5.0	<7.0
	3/5/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	44	NA	NA	NA	<0.50	<5.0	<7.0
	6/22/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	70	NA	NA	NA	<0.50	<5.0	<7.0
	9/21/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	84	NA	NA	NA	<0.50	<5.0	<7.0
	12/13/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	57	NA	NA	NA	<0.50	<5.0	<7.0
	3/21/2022	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	53	NA	NA	NA	<0.50	<5.0	<7.0
	6/16/2022	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	72	NA	NA	NA	<0.50	<5.0	<7.0
	9/22/2022	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	75	NA	NA	NA	<0.50	<5.0	<7.0
	12/14/2022	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	66	NA	NA	NA	<0.50	<5.0	<7.0
	3/28/2023	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	61	NA	NA	NA	<0.50	<5.0	<7.0
	6/26/2023	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	63	NA	NA	NA	<0.50	<5.0	<7.0
	9/26/2023	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	87	NA	NA	NA	<0.50	<5.0	<7.0
	12/6/2023	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	60	NA	NA	NA	<0.50	<5.0	<7.0
259 Bayview Road MID-2	12/14/2022	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	72	NA	NA	NA	<0.50	<5.0	<7.0
259 Bayview Road EFF	3/23/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	4/17/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	5/31/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	6/22/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	9/19/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	10/23/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	4.7 J	NA	NA	NA	<0.5	NA	NA
	11/29/2007	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	22.4	NA	NA	NA	<0.5	NA	NA
	3/24/2008	<0.5	<0.5	<0.5	<1.0	BRL	0.22 J	4.8 J	NA	NA	NA	<0.5	NA	NA
	6/30/2008	<0.5	<0.5	<0.5	<1.0	BRL	0.18 J	100	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/23/2008	<0.5	<0.5	<0.5	<1.0	BRL	0.15 J	111	<0.5	<0.5	<0.5	<0.5	NA	NA
	11/20/2008	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	2/11/2009	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	4/21/2009	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	7/31/2009	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	10.4	<0.5	<0.5	<0.5	<0.5	NA	NA
	10/13/2009	<0.5	0.25 J	<0.5	<1.0	0.25 J	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	1/13/2010	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	4/21/2010	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	7/22/2010	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	11/23/2010	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	16.1	<0.5	<0.5	<0.5	<0.5	NA	NA

See Notes on Page 10.

Table 1
Potable Water Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

ARCADIS

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	TAME	ETBE	DIPE	Naphthalene	2-Butanone	Tetrahydrofuran
MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**	**--**	**--**
259 Bayview Road EFF (cont.)	3/1/2011	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	5/19/2011	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	7/12/2011	<1	<1	<1	<1.0	BRL	<1	<20	<1	<1	<1	<5	NA	NA
	10/24/2011	<1	<1	<1	<1.0	BRL	<1	<10	<1	<1	<1	<5	NA	NA
	2/8/2012	<1	<1	<1	<1.0	BRL	<1	<10	<1	<1	<1	<5	NA	NA
	5/23/2012	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	8/14/2012	<1	<1	<1	<1.0	BRL	<1	<10	<1	<1	<2	<5	NA	NA
	10/4/2012	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	2/22/2013	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	26.1	<0.5	<0.5	<0.5	<5	NA	NA
	5/1/2013	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	8/6/2013	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	10/3/2013	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	3/6/2014	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	6/12/2014	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	9/19/2014	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	18.5	<0.5	<0.5	<0.5	<5	NA	NA
	11/13/2014	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	3/25/2015	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	6/25/2015	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	7/29/2015	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	10/29/2015	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	2/11/2016	<0.5	<0.5	<0.6	<1.0	BRL	<0.6	<11	<0.5	<0.5	<0.5	<6	NA	NA
	5/10/2016	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<0.5	<5	NA	NA
	8/16/2016	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10.0	<0.5	<0.5	<0.5	<5	NA	NA
	11/8/2016	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10.0	<0.5	<0.5	<0.5	<5	NA	NA
	2/9/2017	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10.0	<0.5	<0.5	<0.5	<5	NA	NA
	5/1/2017	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10.0	<0.5	<0.5	<0.5	<5	NA	NA
	8/8/2017	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<0.5	<0.5	<0.5	<0.5	<5	NA	NA
	10/5/2017	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	2/21/2018	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<0.5	<3.0	<3.0	<0.5	<0.5	<5.0	<7.0
	5/29/2018	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	8/27/2018	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	10/23/2018	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	2/22/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	5/30/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	8/28/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<25	NA	NA	NA	<0.5	<5.0	<7.0
	11/11/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<25	NA	NA	NA	<0.5	<5.0	<7.0
	11/11/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<25	NA	NA	NA	<0.5	<5.0	<7.0
	3/5/2020	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	69	NA	NA	NA	<0.5	<5.0	<7.0
	6/23/2020	<0.5	<0.5	<0.5	<1.0	BRL	<0.50	<25	NA	NA	NA	<0.5	<5.0	<7.0
	9/22/2020	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<25	NA	NA	NA	<0.50	<5.0	<7.0
	11/24/2020	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<25	NA	NA	NA	<0.50	<5.0	<7.0
	3/5/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<25	NA	NA	NA	<0.50	<5.0	<7.0
	6/22/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<25	NA	NA	NA	<0.50	<5.0	<7.0
	9/21/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<25	NA	NA	NA	<0.50	<5.0	<7.0
	12/13/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<25	NA	NA	NA	<0.50	<5.0	<7.0
	3/21/2022	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<25	NA	NA	NA	<0.50	<5.0	<7.0
	6/16/2022	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	34	NA	0	NA	<0.50	<5.0	<7.0
	9/22/2022	<0.50	<0.50	<0.50	<0.5	BRL	<0.50	59	NA	NA	NA	<0.50	<5.0	<7.0
	12/14/2022	<0.50	<0.50	<0.50	<0.5	BRL	<0.50	66	NA	NA	NA	<0.50	<5.0	<7.0
	3/28/2023	<0.50	<0.50	<0.50	<0.5	BRL	<0.50	70	NA	NA	NA	<0.50	<5.0	<7.0
	6/26/2023	<0.50	<0.50	<0.50	<0.5	BRL	<0.50	64	NA	NA	NA	<0.50	<5.0	<7.0
	9/26/2023	<0.50	<0.50	<0.50	<0.5	BRL	<0.50	90	NA	NA	NA	<0.50	<5.0	<7.0
	12/6/2023	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	67	NA	NA	NA	<0.50	<5.0	<7.0
261 Bayview Road	6/23/2005	<0.5	<0.5	<0.5	<1.0	BRL	1.1	<5	NA	NA	NA	NA	NA	NA
	9/26/2005	<0.5	<0.5	<0.5	<1.0	BRL	1.2	<5	NA	NA	NA	NA	NA	NA
	12/19/2005	<0.5	<0.5	<0.5	<1.0	BRL	1.7	2.6	NA	NA	NA	NA	NA	NA
	6/12/2006	<0.5	<0.5	<0.5	<1.0	BRL	1.6	2.8 J	NA	NA	NA	<0.5	NA	NA
	1/30/2007	<0.5	<0.5	<0.5	<1.0	BRL	2.6	6.4	NA	NA	NA	<0.5	NA	NA
	9/23/2008	<0.5	<0.5	<0.5	<1.0	BRL	4.6	16.3	<0.5	<0.5	<0.5	<0.5	NA	NA
	12/9/2008	<0.5	<0.5	<0.5	<1.0	BRL	5.0	18.5	<0.5	<0.5	<0.5	<0.5	NA	NA
	2/11/2009	<0.5	<0.5	<0.5	<1.0	BRL	4.0	12.4	<0.5	<0.5	<0.5	<0.5	NA	NA
	4/21/2009	<0.5	<0.5	<0.5	<1.0	BRL	5.1	16.0	<0.5	<0.5	<0.5	<0.5	NA	NA

See Notes on Page 10.

Table 1
Potable Water Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

ARCADIS

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	TAME	ETBE	DIPE	Naphthalene	2-Butanone	Tetrahydrofuran
MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**	**--**	**--**
261 Bayview Road (cont.)	7/31/2009	<0.5	<0.5	<0.5	<1.0	BRL	5.9	17.1	<0.5	<0.5	0.34 J	<0.5	NA	NA
	10/13/2009	<0.5	<0.5	<0.5	<1.0	BRL	5.2	18.3	<0.5	<0.5	0.22 J	<0.5	NA	NA
	1/13/2010	<0.5	<0.5	<0.5	<1.0	BRL	6.7	21.8	<0.5	<0.5	0.31 J	<0.5	NA	NA
	4/21/2010	<0.5	<0.5	<0.5	<1.0	BRL	6.4	16.0	<0.5	<0.5	0.34 J	<0.5	NA	NA
	7/22/2010	<0.5	<0.5	<0.5	<1.0	BRL	7.0	21.3	<0.5	<0.5	0.30 J	<0.5	NA	NA
	11/23/2010	<0.5	<0.5	<0.5	<1.0	BRL	6.4	19.4	<0.5	<0.5	0.25 J	<0.5	NA	NA
	3/1/2011	<0.5	<0.5	<0.5	<1.0	BRL	7.2	11.6	<0.5	<0.5	<0.5	<5	NA	NA
	5/19/2011	<0.5	<0.5	<0.5	<1.0	BRL	6.8	15.0	<0.5	<0.5	<0.5	<5	NA	NA
	7/12/2011	<1	<1	<1	<1.0	BRL	7.41	<20	<1	<1	<1	<5	NA	NA
	10/24/2011	<1	<1	<1	<1.0	BRL	8.85	<10	<1	<1	<1	<5	NA	NA
	2/8/2012	<1	<1	<1	<1.0	BRL	6.03	<10	<1	<1	<1	<5	NA	NA
	5/23/2012	<0.5	<0.5	<0.5	<1.0	BRL	10.2	21.6	<0.5	<0.5	<0.5	<5	NA	NA
	8/14/2012	<1	<1	<1	<1.0	BRL	8.03	23.1	<1	<1	<1	<5	NA	NA
	10/4/2012	<0.5	<0.5	<0.5	<1.0	BRL	8.71	14.5	<0.5	<0.5	<0.5	<5	NA	NA
	2/22/2013	<0.5	<0.5	<0.5	<1.0	BRL	10.1	28.6	<0.5	<0.5	<0.5	<5	NA	NA
	5/1/2013	<0.5	<0.5	<0.5	<1.0	BRL	7.81	29.5	<0.5	<0.5	<0.5	<5	NA	NA
	8/6/2013	<0.5	<0.5	<0.5	<1.0	BRL	9.01	51	<0.5	<0.5	<0.5	<5	NA	NA
	10/3/2013	<0.5	<0.5	<0.5	<1.0	BRL	7.30	15.5	<0.5	<0.5	<0.5	<5	NA	NA
	3/6/2014	NS	NS	NS	<1.0	NS	NS	NS	NS	NS	NS	NS	NA	NA
	6/12/2014	<0.5	<0.5	<0.5	<1.0	BRL	8.24	19.4	<0.5	<0.5	<0.5	<5	NA	NA
	9/19/2014	<0.5	<0.5	<0.5	<1.0	BRL	10.7	31.3	<0.5	<0.5	<0.5	<5	NA	NA
	11/13/2014	<0.5	<0.5	<0.5	<1.0	BRL	9.09	23.8	<0.5	<0.5	<0.5	<5	NA	NA
	3/25/2015	<0.5	<0.5	<0.5	<1.0	BRL	10.1	36.0	<0.5	<0.5	<0.5	<5	NA	NA
	6/25/2015	<0.5	<0.5	<0.5	<1.0	BRL	9.79	29.6	<0.5	<0.5	<0.5	<5	NA	NA
	7/29/2015	<0.5	<0.5	<0.5	<1.0	BRL	8.38	14.5	<0.5	<0.5	<0.5	<5	NA	NA
	10/29/2015	<0.5	<0.5	<0.5	<1.0	BRL	13.6	36.6	<0.5	<0.5	<0.5	<5	NA	NA
	2/11/2016	<0.5	<0.5	<0.5	<1.0	BRL	9.73	33.4	<0.5	<0.5	<0.5	<5	NA	NA
	5/10/2016	<0.5	<0.5	<0.5	<1.0	BRL	13.6	32.5	<0.5	<0.5	<0.5	<5	NA	NA
	8/16/2016	<0.5	<0.5	<0.5	<1.0	BRL	12.4	19.2	<0.5	<0.5	<0.5	<5	NA	NA
	11/8/2016	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	51.7	<0.5	<0.5	<0.5	<5	NA	NA
	2/9/2017	<0.5	<0.5	<0.5	<1.0	BRL	14.2	37.8	<0.5	<0.5	0.561	<5	NA	NA
	5/1/2017	<0.5	<0.5	<0.5	<1.0	BRL	16.5	51.5	<0.5	<0.5	<0.5	<5	NA	NA
	8/8/2017	<0.5	<0.5	<0.5	<1.0	BRL	12.6	31.7	<0.5	<0.5	<0.5	<5	NA	NA
	10/5/2017	<0.5	<0.5	<0.5	<1.0	BRL	17	NA	NA	NA	NA	<0.5	<5.0	<7.0
	2/21/2018	<0.5	<0.5	<0.5	<1.0	BRL	17	34	<3.0	<3.0	0.5	<0.5	<5.0	<7.0
	5/29/2018	<0.5	<0.5	<0.5	<1.0	BRL	19	NA	NA	NA	NA	<0.5	<5.0	<7.0
	8/27/2018	<0.5	<0.5	<0.5	<1.0	BRL	15	NA	NA	NA	NA	<0.5	<5.0	<7.0
	10/23/2018	<0.5	<0.5	<0.5	<1.0	BRL	**22**	NA	NA	NA	NA	<0.5	<5.0	<7.0
261 Bayview Road INF	11/28/2018	<0.5	<0.5	<0.5	<1.0	BRL	**22**	NA	NA	NA	NA	<0.5	2,000	2,800
	12/28/2018	<0.5	<0.5	<0.5	<1.0	BRL	19	NA	NA	NA	NA	<0.5	<5.0	<7.0
	1/25/2019	<0.5	<0.5	<0.5	<1.0	BRL	18	NA	NA	NA	NA	<0.5	<5.0	<7.0
	2/22/2019	<0.5	<0.5	<0.5	<1.0	BRL	**21**	NA	NA	NA	NA	<0.5	<5.0	<7.0
	3/18/2019	<0.5	<0.5	<0.5	<1.0	BRL	**24**	NA	NA	NA	NA	<0.5	<5.0	<7.0
	5/30/2019	<0.5	<0.5	<0.5	<1.0	BRL	**27**	NA	NA	NA	NA	<0.5	<5.0	<7.0
	8/28/2019	<0.5	<0.5	<0.5	<1.0	BRL	20	48	NA	NA	NA	<0.5	<5.0	<7.0
	11/11/2019	<0.5	<0.5	<0.5	<1.0	BRL	**21**	46	NA	NA	NA	<0.5	<5.0	<7.0
	3/16/2020	<0.5	<0.5	<0.5	<1.0	BRL	14	38	NA	NA	NA	<0.5	<5.0	<7.0
	6/23/2020	<0.5	<0.5	<0.5	<1.0	BRL	17	39	NA	NA	NA	<0.5	<5.0	<7.0
	9/22/2020	<0.50	<0.50	<0.50	<1.0	BRL	16	38	NA	NA	NA	<0.50	<5.0	<7.0
	11/24/2020	<0.50	<0.50	<0.50	<1.0	BRL	15	42	NA	NA	NA	<0.50	<5.0	<7.0
	3/5/2021	<0.50	<0.50	<0.50	<1.0	BRL	**21**	37	NA	NA	NA	<0.50	<5.0	<7.0
	6/22/2021	<0.50	<0.50	<0.50	<1.0	BRL	**22**	29	NA	NA	NA	<0.50	<5.0	<7.0
	9/21/2021	<0.50	<0.50	<0.50	<1.0	BRL	17	38	NA	NA	NA	<0.50	<5.0	<7.0
	12/13/2021	<0.50	<0.50	<0.50	<1.0	BRL	**22**	38	NA	NA	NA	<0.50	<5.0	<7.0
	3/21/2022	<0.50	<0.50	<0.50	<1.0	BRL	**21**	35	NA	NA	NA	<0.50	<5.0	<7.0
	6/16/2022	<0.50	<0.50	<0.50	<1.0	BRL	20	33	NA	NA	NA	<0.50	<5.0	<7.0
	9/22/2022	<0.50	<0.50	<0.50	<1.0	BRL	16	33	NA	NA	NA	<0.50	<5.0	<7.0
	3/28/2023	<0.50	<0.50	<0.50	<1.0	BRL	17	50	NA	NA	NA	<0.50	<5.0	<7.0
	6/26/2023	<0.50	<0.50	<0.50	<1.0	BRL	17	29	NA	NA	NA	<0.50	<5.0	<7.0
	9/26/2023	<0.50	<0.50	<0.50	<1.0	BRL	16	27	NA	NA	NA	<0.50	<5.0	<7.0
	12/6/2023	<0.50	<0.50	<0.50	<1.0	BRL	17	30	NA	NA	NA	<0.50	<5.0	<7.0

See Notes on Page 10.

Table 1
Potable Water Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

ARCADIS

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	TAME	ETBE	DIPE	Naphthalene	2-Butanone	Tetrahydrofuran
MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**	**--**	**--**
261 Bayview Road MID	11/28/2018	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	310	380
	12/28/2018	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	1/25/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	2/22/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	3/18/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	5/30/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	8/28/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	56	NA	NA	NA	<0.5	<5.0	<7.0
	11/11/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	51	NA	NA	NA	<0.5	<5.0	<7.0
	3/16/2020	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<25	NA	NA	NA	<0.5	<5.0	<7.0
	6/23/2020	<0.5	<0.5	<0.5	<1.0	BRL	<0.50	<25	NA	NA	NA	<0.5	<5.0	<7.0
	9/22/2020	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	32	NA	NA	NA	<0.50	<5.0	<7.0
	11/24/2020	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	39	NA	NA	NA	<0.50	<5.0	<7.0
	3/5/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	30	NA	NA	NA	<0.50	<5.0	<7.0
	6/22/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	33	NA	NA	NA	<0.50	<5.0	<7.0
	9/21/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	48	NA	NA	NA	<0.50	<5.0	<7.0
	12/13/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	35	NA	NA	NA	<0.50	<5.0	<7.0
	3/21/2022	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	35	NA	NA	NA	<0.50	<5.0	<7.0
	6/16/2022	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	39	NA	NA	NA	<0.50	<5.0	<7.0
	9/22/2022	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	41	NA	NA	NA	<0.50	<5.0	<7.0
	3/28/2023	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	47	NA	NA	NA	<0.50	<5.0	<7.0
	6/26/2023	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	34	NA	NA	NA	<0.50	<5.0	<7.0
	9/26/2023	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	43	NA	NA	NA	<0.50	<5.0	<7.0
	12/6/2023	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	35	NA	NA	NA	<0.50	<5.0	<7.0
261 Bayview Road EFF	11/28/2018	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	1,800	2,700
	12/28/2018	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	1/25/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	2/22/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	19
	3/18/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	5/30/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	NA	NA	NA	NA	<0.5	<5.0	<7.0
	8/28/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	50	NA	NA	NA	<0.5	<5.0	<7.0
	11/11/2019	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	51	NA	NA	NA	<0.5	<5.0	<7.0
	3/16/2020	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<25	NA	NA	NA	<0.5	<5.0	<7.0
	6/23/2020	<0.5	<0.5	<0.5	<1.0	BRL	<0.50	<25	NA	NA	NA	<0.5	<5.0	<7.0
	9/22/2020	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<25	NA	NA	NA	<0.50	<5.0	<7.0
	11/24/2020	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	30	NA	NA	NA	<0.50	<5.0	<7.0
	3/5/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<25	NA	NA	NA	<0.50	<5.0	<7.0
	6/22/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	31	NA	NA	NA	<0.50	<5.0	<7.0
	9/21/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	44	NA	NA	NA	<0.50	<5.0	<7.0
	12/13/2021	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	32	NA	NA	NA	<0.50	<5.0	<7.0
	3/21/2022	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	32	NA	NA	NA	<0.50	<5.0	<7.0
	6/16/2022	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	41	NA	NA	NA	<0.50	<5.0	<7.0
	9/22/2022	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	46	NA	NA	NA	<0.50	<5.0	<7.0
	3/28/2023	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	39	NA	NA	NA	<0.50	<5.0	8.8
	6/26/2023	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	27	NA	NA	NA	<0.50	<5.0	<7.0
	9/26/2023	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	47	NA	NA	NA	<0.50	<5.0	<7.0
	12/6/2023	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	38	NA	NA	NA	<0.50	<5.0	<7.0
265 Bayview Road	6/23/2005	<0.5	<0.5	<0.5	<1.0	BRL	0.57	<5	NA	NA	NA	NA	NA	NA
	12/19/2005	<0.5	<0.5	<0.5	<1.0	BRL	0.47	<5	NA	NA	NA	NA	NA	NA
	6/12/2006	<0.5	<0.5	<0.5	<1.0	BRL	0.57	<5	NA	NA	NA	<0.5	NA	NA
	9/23/2008	<0.5	<0.5	<0.5	<1.0	BRL	0.35 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/19/2019	<0.5	<0.5	<0.5	<1.0	BRL	0.1 J	<25	<0.5	<0.5	<0.5	<0.5	<5.0	NA

See Notes on Page 10.

Table 1
Potable Water Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

ARCADIS

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	TAME	ETBE	DIPE	Naphthalene	2-Butanone	Tetrahydrofuran
MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**	**--**	**--**
280 Bayview Road INF	3/30/2005	<0.5	<0.5	<0.5	<0.5	BRL	0.27 J	<5	NA	NA	NA	NA	NA	NA
	6/23/2005	<0.5	<0.5	<0.5	<0.5	BRL	ND	<5	NA	NA	NA	NA	NA	NA
	9/26/2005	<0.5	<0.5	<0.5	<0.5	BRL	0.32 J	<5	NA	NA	NA	NA	NA	NA
	12/19/2005	<0.5	<0.5	<0.5	<0.5	BRL	0.19 J	<5	NA	NA	NA	<0.5	NA	NA
	3/27/2006	<0.5	<0.5	<0.5	<0.5	BRL	0.22 J	<5	NA	NA	NA	<0.5	NA	NA
	6/12/2006	<0.5	<0.5	<0.5	<0.5	BRL	0.36 J	<5	NA	NA	NA	<0.5	NA	NA
	10/31/2006	<0.5	<0.5	<0.5	<0.5	BRL	0.24 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	12/19/2006	<0.5	<0.5	<0.5	<0.5	BRL	0.24 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	3/15/2007	<0.5	<0.5	<0.5	<0.5	BRL	0.23 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	5/31/2007	<0.5	<0.5	<0.5	<0.5	BRL	0.17 J	<5	NA	NA	NA	<0.5	NA	NA
	7/27/2007	<0.5	<0.5	<0.5	<0.5	BRL	0.15 J	<5	NA	NA	NA	<0.5	NA	NA
	10/23/2007	<0.5	<0.5	<0.5	<0.5	BRL	0.15 J	<5	NA	NA	NA	<0.5	NA	NA
	3/24/2008	<0.5	<0.5	<0.5	<0.5	BRL	0.15 J	<5	NA	NA	NA	<0.5	NA	NA
	6/30/2008	<0.5	<0.5	<0.5	<0.5	BRL	0.18 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/23/2008	<0.5	<0.5	<0.5	<0.5	BRL	0.13 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	11/20/2008	<0.5	<0.5	<0.5	<0.5	BRL	0.14 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	2/11/2009	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	4/21/2009	<0.5	0.052 J	<0.5	<0.5	0.052 J	0.14 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
280 Bayview Road MID	5/31/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	7/27/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	10/23/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	3/24/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	6/30/2008	<0.5	<0.5	<0.5	<0.5	BRL	0.090 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/23/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	11/20/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	2/11/2009	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	4/21/2009	<0.5	<0.5	<0.5	<0.5	BRL	0.10 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
280 Bayview Road EFF	3/30/2005	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	NA	NA	NA
	6/23/2005	<0.5	<0.5	<0.5	<0.5	BRL	ND	<5	NA	NA	NA	NA	NA	NA
	9/26/2005	<0.5	<0.5	<0.5	<0.5	BRL	0.34 J	<5	NA	NA	NA	NA	NA	NA
	12/19/2005	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	3/27/2006	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	6/12/2006	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	10/31/2006	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	12/19/2006	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	3/15/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	5/31/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	7/27/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	10/23/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	3/24/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	6/30/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/23/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	11/20/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	2/11/2009	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	4/21/2009	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
281 Bayview Road INF	3/30/2005	<0.5	<0.5	<0.5	<0.5	BRL	0.5	<5	NA	NA	NA	NA	NA	NA
	6/23/2005	<0.5	<0.5	<0.5	<0.5	BRL	ND	<5	NA	NA	NA	NA	NA	NA
	9/26/2005	<0.5	<0.5	<0.5	<0.5	BRL	0.64	<5	NA	NA	NA	NA	NA	NA
	12/19/2005	<0.5	<0.5	<0.5	<0.5	BRL	0.76	<5	NA	NA	NA	<0.5	NA	NA
	4/3/2006	<0.5	<0.5	<0.5	<0.5	BRL	0.57	<5	NA	NA	NA	<0.5	NA	NA
	6/12/2006	<0.5	<0.5	<0.5	<0.5	BRL	0.36 J	<5	NA	NA	NA	<0.5	NA	NA
	10/31/2006	<0.5	<0.5	<0.5	<0.5	BRL	0.24 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	12/19/2006	<0.5	<0.5	<0.5	<0.5	BRL	0.74	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	3/15/2007	<0.5	<0.5	<0.5	<0.5	BRL	0.69	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	5/31/2007	<0.5	<0.5	<0.5	<0.5	BRL	0.67	<5	NA	NA	NA	<0.5	NA	NA
	10/23/2007	<0.5	<0.5	<0.5	<0.5	BRL	0.70	<5	NA	NA	NA	<0.5	NA	NA
	3/24/2008	<0.5	<0.5	<0.5	<0.5	BRL	0.66	<5	NA	NA	NA	<0.5	NA	NA
	6/30/2008	<0.5	<0.5	<0.5	<0.5	BRL	0.70	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/23/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	11/18/2008	<0.5	<0.5	<0.5	<0.5	BRL	0.66	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	2/11/2009	<0.5	<0.5	<0.5	<0.5	BRL	0.75	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	4/21/2009	<0.5	<0.5	<0.5	<0.5	BRL	0.73	<5	<0.5	<0.5	<0.5	<0.5	NA	NA

See Notes on Page 10.

Table 1
Potable Water Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

ARCADIS

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	TAME	ETBE	DIPE	Naphthalene	2-Butanone	Tetrahydrofuran
MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**	**--**	**--**
281 Bayview Road MID	5/31/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	10/23/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	3/24/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	6/30/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/23/2008	<0.5	<0.5	<0.5	<0.5	BRL	0.22 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	11/18/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	2/11/2009	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	4/21/2009	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
281 Bayview Road EFF	3/30/2005	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	NA	NA	NA
	6/23/2005	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	NA	NA	NA
	9/26/2005	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	NA	NA	NA
	12/19/2005	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	4/3/2006	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	6/12/2006	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	10/31/2006	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	12/19/2006	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	3/15/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	5/31/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	10/23/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	3/24/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	6/30/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/23/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	11/18/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	2/11/2009	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	4/21/2009	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
285 Bayview Road INF	3/30/2005	<0.5	<0.5	<0.5	<0.5	BRL	0.66	<5	NA	NA	NA	NA	NA	NA
	6/23/2005	<0.5	<0.5	<0.5	<0.5	BRL	0.53	<5	NA	NA	NA	NA	NA	NA
	9/26/2005	1.4	<0.5	<0.5	<0.5	1.4	1.0	<5	NA	NA	NA	NA	NA	NA
	12/19/2005	<0.5	<0.5	<0.5	<0.5	BRL	0.80	<5	NA	NA	NA	<0.5	NA	NA
	3/27/2006	<0.5	<0.5	<0.5	<0.5	BRL	0.36 J	<5	NA	NA	NA	<0.5	NA	NA
	6/12/2006	<0.5	<0.5	<0.5	<0.5	BRL	0.72	<5	NA	NA	NA	<0.5	NA	NA
	10/31/2006	<0.5	<0.5	<0.5	<0.5	BRL	0.71	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	12/19/2006	<0.5	<0.5	<0.5	<0.5	BRL	0.27 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	3/15/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	5/31/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	10/23/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	3/24/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	6/30/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/23/2008	<0.5	<0.5	<0.5	<0.5	BRL	0.71	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	11/18/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	2/11/2009	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	4/21/2009	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
285 Bayview Road MID	5/31/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	10/23/2007	<0.5	<0.5	<0.5	<0.5	BRL	0.11 J	<5	NA	NA	NA	<0.5	NA	NA
	3/24/2008	<0.5	<0.5	<0.5	<0.5	BRL	0.17 J	<5	NA	NA	NA	<0.5	NA	NA
	6/30/2008	<0.5	<0.5	<0.5	<0.5	BRL	0.26 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/23/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	11/18/2008	<0.5	<0.5	<0.5	<0.5	BRL	0.20 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	2/11/2009	<0.5	<0.5	<0.5	<0.5	BRL	0.16 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	4/24/2009	<0.5	<0.5	<0.5	<0.5	BRL	0.19 J	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
285 Bayview Road EFF	3/30/2005	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	NA	NA	NA
	6/23/2005	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	NA	NA	NA
	9/26/2005	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	NA	NA	NA
	12/19/2005	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	3/27/2006	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	6/12/2006	<0.5	<0.5	<0.5	<0.5	BRL	0.31 J	<5	NA	NA	NA	<0.5	NA	NA
	10/31/2006	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	12/19/2006	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	3/15/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	5/31/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	10/23/2007	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	3/24/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	NA	NA	NA	<0.5	NA	NA
	6/30/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	9/23/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	11/18/2008	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	2/11/2009	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA
	4/21/2009	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<5	<0.5	<0.5	<0.5	<0.5	NA	NA

See Notes on Page 10.

Table 1
Potable Water Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	TAME	ETBE	DIPE	Naphthalene	2-Butanone	Tetrahydrofuran
MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**	**--**	**--**

Notes:

1. All concentrations are reported in micrograms per liter (µg/L).
2. Bold Concentrations exceed the MEAT Groundwater Standard.

Definitions:

--: No Standard exists
<: Not detected at or above the listed laboratory reporting limit
BRL: Below laboratory reporting limits
BTEX: Benzene, toluene, ethylbenzene, and total xylenes
DIPE: Di-Isopropyl Ether
ETBE: Ethyl Tertiary Butyl Ether
J: Indicates an estimated value
MTBE: Methyl Tert Butyl Ether
NA: Not Analyzed
NM: Not Measured
NS: Not Sampled
TAME: Tertiary Amyl Methyl Ether
TBA: Tertiary Butyl Alcohol or t-Butyl alcohol

Table 2
Groundwater Monitoring and Analytical Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Gauging Data					Analytical Data										
		Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	t-Butyl Alcohol	di-Isopropyl Ether	ETBE	TAME	Naphthalene
					MEAT Groundwater Standard:		5.0	1,000	700	10,000	--	20	--	--	--	--	0.7
MW-1A	6/1/2005	97.65	5.23	ND	ND	92.42	**560**	**5,770**	**2,360**	8,970	17,660	**156**	<500	NA	NA	NA	NA
	12/7/2005	97.65	6.77	ND	ND	90.88	**252**	**2,410**	**2,560**	7,500	12,722	**149**	<500	NA	NA	NA	NA
	5/24/2006	97.65	6.82	ND	ND	90.83	**97.7**	**1,260**	**1,720**	4,870	7,948	**114**	<500	NA	NA	NA	NA
	11/7/2006	97.65	5.38	ND	ND	92.27	**116**	703	**1,130**	2,880	4,829	**112**	92.2 J	NA	NA	NA	NA
	6/21/2007	97.65	6.15	ND	ND	91.50	**145**	**1,750**	**1,020**	3,220	6,135	**53.3**	<250	NA	NA	NA	NA
	12/11/2007	97.65	7.02	ND	ND	90.63	**212**	**3,730**	**2,380**	8,180	14,502	**133**	<500	NA	NA	NA	NA
	3/24/2008	97.65	4.94	ND	ND	92.71	**216**	**3,280**	**2,270**	7,550	13,316	**510**	<630	NA	NA	NA	NA
	6/29/2008	97.65	6.10	ND	ND	91.55	**201**	**2,970**	**1,520**	5,380	10,071	**593**	<500	<100	<100	<100	**378**
	8/14/2008	97.65	7.12	ND	ND	90.53	**151**	**2,300**	**1,410**	4,460	8,321	**561**	<500	<100	<100	59.2 J	**345**
	11/20/2008	97.65	7.12	ND	ND	90.53	**150**	**2,330**	**1,860**	6,030	10,370	**398**	<630	<130	<130	58.9 J	**497**
	2/11/2009	97.65	5.35	ND	ND	92.30	**185**	**2,720**	**1,510**	5,440	9,855	**307**	<500	<100	<100	<100	**375**
	4/21/2009	97.65	5.08	ND	ND	92.57	**148**	**2,700**	**1,790**	6,230	10,868	**269**	<630	<130	<130	44.0 J	**402**
	7/31/2009	97.65	6.35	ND	ND	91.30	**101**	**1,460**	**730**	2,760	5,051	**151**	<250	<50	<50	20.1 J	**235**
	10/13/2009	97.65	4.80	ND	ND	92.85	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	97.65	5.25	ND	ND	92.40	**62.8**	873	**1,080**	2,830	4,846	**143**	<250	<50	<50	17.2 J	**263**
	1/12/2010	97.65	4.57	ND	ND	93.08	**162**	**2,430**	**1,350**	4,170	8,112	**139**	<250	<50	<50	24.0 J	**355**
	4/21/2010	97.65	4.21	ND	ND	93.44	**204**	**3,100**	**1,610**	5,510	10,424	**117**	<630	<130	<130	<130	**369**
	7/22/2010	97.65	6.74	ND	ND	90.91	**197**	**2,900**	**1,340**	4,780	9,217	**108**	<630	<130	<130	31.4 J	**225**
	11/23/2010	97.65	6.55	ND	ND	91.10	**51.2**	**1,190**	**1,100**	3,530	5,871	**54.6**	<130	<25	<25	9.0 J	**277**
	3/2/2011	97.65	4.89	ND	ND	92.76	**60.2**	**1,220**	**1,120**	4,440	6,840	**33.8**	40.4	<1	<1	<1	**218**
	5/19/2011	97.65	4.82	ND	ND	92.83	**101**	**1,340**	584	2,140	4,165	**28.2**	<20	<1	<1	7.47	**244**
	7/12/2011	97.65	6.48	ND	ND	91.17	**117**	**2,450**	**1,140**	3,970	7,677	**24.4**	<20	<1	<1	<1	**234**
	10/24/2011	97.65	5.41	ND	ND	92.24	**57.6**	**1,610**	**1,030**	3,660	6,357.6	**21**	19.1	<1	<1	4.27	**198**
	2/8/2012	97.65	5.03	ND	ND	92.62	**67.5**	**1,490**	**956**	3,210	5,724	13.8	<10	<1	<1	<1	**187**
	5/22/2012	97.65	6.83	ND	ND	90.82	**76.7**	**1,910**	**976**	4,140	7,103	13.6	<50	<5	<5	<5	**155**
	8/14/2012	97.65	8.31	ND	ND	89.34	**66 [64]**	**2,180 [2,210]**	**1,080 [1,030]**	3,950 [3,700]	7,276 [7,004]	17.7 [<1]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [<1]	**182 [192]**
	10/4/2012	97.65	8.98	ND	ND	88.67	**41.9**	**1,230**	**1,010**	3,860	6,141.9	**29.1**	11.8	<2	<1	5.72	**249**
	2/22/2013	97.65	5.50	ND	ND	92.15	**63.2**	**1,620**	**1,340**	4,290	7,313	<1	<10	<2	<1	<1	**256**
	5/1/2013	97.65	5.21	ND	ND	92.44	**81.3 [77.8]**	**2,130 [1,950]**	**1,290 [1,210]**	4,820 [4,510]	8,321.3 [7,747.8]	6.88 [<1]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [2.59]	**262 [255]**
	8/6/2013	97.65	4.68	ND	ND	92.97	**92.3 [91.1]**	**1,880 [1,940]**	**973 [1,010]**	3,340 [3,400]	6,285.3 [6,441.1]	6.25 [6.21]	<10 [<10]	<2 [<2]	<1 [<1]	19.3 [<1]	**276 [279]**
	10/3/2013	97.65	5.85	ND	ND	91.80	**90.2 [90.6]**	**1,890 [1,870]**	**925 [925]**	4,010 [4,070]	6,915.2 [6,955.6]	7.44 [7.74]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [<1]	**251 [254]**
	3/6/2014	97.65	4.25	ND	ND	93.40	**47.6 [54.6]**	**1,060 [1,120]**	**689 [731]**	2,740 [2,810]	4,536.6 [4,715.6]	4.70 [4.58]	10.4 [14.3]	<2 [<2]	<1 [<1]	1.61 [1.30]	**161 [179]**
	6/12/2014	97.65	4.54	ND	ND	93.11	**69.8 [70.6]**	**2,060 [1,760]**	**974 [967]**	4,050 [3,430]	7,153.8 [6,227.6]	<10 [<10]	<100 [<100]	<20 [<20]	<10 [<10]	<10 [<10]	**182 [218]**
	9/19/2014	97.65	7.27	ND	ND	90.38	**49.5 [51.0]**	**1,460 [1,580]**	**874 [882]**	3,300 [3,460]	5,683.5 [5,973]	<10 [<10]	<100 [<100]	<20 [<20]	<10 [<10]	<10 [<10]	**378 [264]**
	11/13/2014	97.65	6.09	ND	ND	91.56	**10.7 [14.3]**	405 [459]	355 [374]	1,400 [1,520]	2,170.7 [2,367.3]	<1 [<1]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [<1]	**54.0 [61.6]**
	3/25/2015	97.65	4.38	ND	ND	93.27	**33.4 [32.9]**	743 [762]	517 [539]	2,450 [2,520]	3,743.4 [3,853.9]	<1 [2.34]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [<1]	**133 [133]**
	6/25/2015	97.65	4.41	ND	ND	93.24	**53.2 [54.4]**	**1,500 [1,510]**	**714 [724]**	3,180 [3,240]	5,447.2 [5,528.4]	2.31 [2.35]	14.3 [12.6]	<2 [<2]	<1 [<1]	<1 [<1]	**153 [157]**
	7/29/2015	97.65	4.94	ND	ND	92.71	**76.7 [70.7]**	**2,310 [2,180]**	**980 [934]**	4,410 [4,210]	7,776.7 [7,770.7]	3.07 [2.86]	<10 [16.7]	<2 [<2]	<1 [<1]	1.36 [1.19]	**183 [189]**
	10/29/2015	97.65	6.40	ND	ND	91.25	**19.4 [18.1]**	659 [617]	636 [590]	2,460 [2,440]	3,774.4 [3,665.1]	<10 [<10]	<100 [<100]	<20 [<20]	<10 [<10]	<10 [<10]	**154 [174]**
	2/10/2016	97.65	4.27	ND	ND	93.38	**20.9 [20.7]**	633 F1 [617]	397 F1 [387]	1650 [1,620]	2,700.9 [2654.7]	<5 [<5]	<50 [<50]	<5 [<5]	<5 [<5]	<5 [<5]	**106 [110]**
	5/9/2016	97.65	4.74	ND	ND	92.91	**33.5 [32.8]**	989 [942]	685 [681]	2,570 [2,520]	4,278 [4,175.8]	<5 [<5]	<50 [<50]	<10 [<10]	<5 [<5]	<5 [<5]	**140 [119]**
	8/16/2016	97.65	7.00	ND	ND	90.65	<50.0 [<50.0]	<50.0 [<50.0]	245 [198]	270 [240]	515 [438]	<50.0 [<50.0]	<500 [<500]	<100 [<100]	<50.0 [<50.0]	<50.0 [<50.0]	<250 [<250]
	11/8/2016	97.65	7.59	ND	ND	90.06	2.42 [2.28]	40.6 [40.4]	159 [156]	296 [300]	498.02 [498.68]	<1.00 [<1.00]	<10 [<10]	<2.00 [<2.00]	<1.00 [<1.00]	<1.00 [<1.00]	**94.4 [96.7]**
	3/7/2017	97.65	7.14	ND	ND	90.51	**13.9 [16.7]**	495 [525]	396 [436]	1,840 [1,850]	2,744.9 [2,827.7]	<1.00 [<5.00]	<10 [<50]	<2.00 [<10.0]	<1.00 [<5.00]	<1.00 [<5.00]	**186 [226]**
	5/1/2017	97.65	4.95	ND	ND	92.70	**35.2 [35.2]**	975 [995]	627 [657]	2,740 [2,710]	4,377.2 [4,397.2]	<10.0 [<5.00]	<100 [<50]	<20.0 [<10.0]	<10.0 [<5.00]	<10.0 [<5.00]	**175 [156]**
	11/30/2017	97.65	6.57	ND	ND	91.08	**16 [16]**	750 [730]	**740 [710]**	2,600 [2,500]	4,106 [3,956]	<10.0 [<10.0]	<50 [<50]	<10.0 [<10.0]	<10.0 [<10.0]	<10.0 [<10.0]	**180 [170]**
	2/20/2018	97.65	5.40	ND	ND	92.25	**15 [15]**	570 [560]	420 [420]	2,300 [2,300]	3,305 [3,295]	<10 [<10]	<200 [<200]	<10 [<10]	<10 [<10]	<10 [<10]	**160 [160]**
	10/24/2018	97.65	5.60	ND	ND	92.05	<10 **[9.6]**	84 [79]	660 [670]	2,300 [2,200]	3,044 [2,958.6]	<10 [<5.0]	<200 [<100]	<10 [<5.0]	<10 [<5.0]	<20 [<10]	**160 [190]**
	2/21/2019	97.65	4.24	ND	ND	93.41	**25 [25]**	550 [520]	390 [350]	2,000 [1,900]	2,965 [2,795]	<10 [<5.0]	<200 [<100]	<10 [<5.0]	<10 [<5.0]	<20 [<10]	**150 [160]**
	11/11/2019	97.65	6.78	ND	ND	90.87	**12 [12]**	220 [210]	550 [560]	1,600 [1,600]	2,382 [2,382]	<2.5 [<2.5]	<50 [<50]	<2.5 [<2.5]	<2.5 [<2.5]	<5.0 [<5.0]	**180 [180]**
	6/23/2020	97.65	5.18	ND	ND	92.47	**23**	310	590 H	1,800 H	2,723 H	<10	<200	<10	<10	<10	**210**
	11/24/2020	97.65	5.05	ND	ND	92.60	**5.5**	180	120	750	1,055.5	<2.5	<50	<2.5	<2.5	<2.5	**93**
	6/22/2021	97.65	5.19	ND	ND	92.46	**16 [18]**	270 [310]	520 [590]	1,500 [1,800]	2,306 [2,718]	<2.5 [<5.0]	<50 F1 [<100]	<2.5 [<5.0]	<2.5 [<5.0]	<2.5 [<5.0]	**190 [160]**
	12/13/2021	97.65	6.18	ND	ND	91.47	<2.5 [<2.5]	25 [27]	150 [150]	310 [300]	485 [477]	<2.5 [<2.5]	<50 [<50]	<2.5 [<2.5]	<2.5 [<2.5]	<2.5 [<2.5]	**68 [63]**
	6/16/2022	97.65	5.21	ND	ND	92.44	**9.6 [8.9]**	180 [220]	420 [430]	1,100 [1,200]	1,709.6 [1,858.9]	<2.5 [<2.5]	<50 [<50]	<2.5 [<2.5]	<2.5 [<2.5]	<2.5 [<2.5]	**120 [120]**
	12/14/2022	97.65	6.21	ND	ND	91.44	**7.0**	230	500	1,400	2,137	<2.5	<50	<2.5	<2.5	<2.5	**180**
	6/26/2023	97.65	7.60	ND	ND	90.05	**18**	770	**810**	2,100	2,137	<2.5	<50	<2.5	<2.5	<2.5	**210**
	12/6/2023	97.65	6.90	ND	ND	90.75	3.0	49	210	530	792	<2.5	<50	<2.5	<2.5	<2.5	**97**

See Notes on Page 13.

Table 2
Groundwater Monitoring and Analytical Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Gauging Data					Analytical Data										
		Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	t-Butyl Alcohol	di-Isopropyl Ether	ETBE	TAME	Naphthalene
					MEAT Groundwater Standard:		5.0	1,000	700	10,000	--	20	--	--	--	--	0.7
MW-2A	6/1/2005	97.10	4.74	ND	ND	92.36	**1,740**	595	**2,590**	9,200	14,125	**829**	<500	NA	NA	NA	NA
	12/7/2005	97.10	5.65	ND	ND	91.45	**1,580**	**2,440**	**2,660**	9,530	16,210	**670**	<630	NA	NA	NA	NA
	5/24/2006	97.10	5.71	ND	ND	91.39	**1,570**	**4,950**	**2,790**	9,990	19,300	**599**	<630	NA	NA	NA	NA
	11/7/2006	97.10	4.35	ND	ND	92.75	**964**	**3,090**	**2,550**	8,730	15,334	**413**	189 J	NA	NA	NA	NA
	6/21/2007	97.10	5.26	ND	ND	91.84	**456**	788	**2,290**	7,470	11,004	**198**	<250	NA	NA	NA	NA
	12/11/2007	97.10	5.77	ND	ND	91.33	**216**	157	569	1,830	2,772	**86.4**	30.0 J	NA	NA	NA	NA
	3/24/2008	97.10	4.73	ND	ND	92.37	**747**	529	**1,900**	3,920	7,096	**568**	256 J	NA	NA	NA	NA
	6/29/2008	97.10	5.66	ND	ND	91.44	**379**	**4,610**	**2,160**	8,620	15,769	**457**	<630	<130	<130	<130	**462**
	8/14/2008	97.10	5.57	ND	ND	91.53	**489**	**4,240**	**3,310**	8,760	16,799	**531**	<630	<130	<130	46.4 J	**652**
	11/20/2008	97.10	5.64	5.63	0.01	91.47	**817**	308	**1,770**	5,450	8,345	**624**	<250	<50	<50	55.6	**405**
	2/11/2009	97.10	4.90	ND	ND	92.20	**567**	**1,220**	**1,330**	4,140	7,257	**680**	215 J	<50	<50	51.6	**306**
	4/21/2009	97.10	1.82	ND	ND	95.28	**452**	**4,520**	**1,860**	7,870	14,702	**516**	<630	<130	<130	64.0 J	**299**
	7/31/2009	97.10	5.37	ND	ND	91.73	**191**	**1,830**	**1,270**	4,250	7,541	**341**	<250	<50	<50	38.1 J	**316**
	10/13/2009	97.10	3.93	ND	ND	93.17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	97.10	4.51	ND	ND	92.59	**266**	656	**2,530**	7,620	11,072	**371**	<500	<100	<100	48.5 J	**360**
	1/12/2010	97.10	4.36	ND	ND	92.74	**699**	231	**2,340**	4,360	7,630	**532**	<500	<100	<100	55.2 J	**402**
	4/21/2010	97.10	4.04	ND	ND	93.06	**858**	**1,070**	**1,720**	2,690	6,338	**538**	156 J	<50	<50	43.4 J	**325**
	7/22/2010	97.10	5.10	ND	ND	92.00	**544**	865	**1,590**	5,010	8,009	**430**	<250	<50	<50	54.8	**262**
	11/23/2010	97.10	5.51	ND	ND	91.59	**220**	367	**2,140**	3,980	5,807	**169**	<130	<25	<25	20.2	**223**
	3/2/2011	97.10	4.20	ND	ND	92.90	**147**	702	**1,290**	4,920	7,059	**151**	<20	<1	<1	18.4	**232**
	5/19/2011	97.10	4.40	ND	ND	92.70	**373**	**1,530**	**1,300**	4,050	7,253	**274**	<20	1.07	<1	23.8	**222**
	7/12/2011	97.10	5.45	ND	ND	91.65	**316**	850	**1,460**	4,690	7,316	**207**	<200	<10	<10	16.4	**243**
	10/24/2011	97.10	4.30	ND	ND	92.80	**309**	466	**1,240**	4,070	6,085	**171**	38.8	<1	<1	16.6	**200**
	2/8/2012	97.10	4.73	ND	ND	92.37	**154**	570	**1,280**	3,580	5,584	**115**	<10	<1	<1	10.4	**201**
	5/22/2012	97.10	5.79	ND	ND	91.31	**216**	443	**1,550**	4,280	6,489	**131**	<50	<5	<5	11.9	**197**
	8/14/2012	97.10	6.61	ND	ND	90.49	**221**	512	**1,220**	3,820	5,773	**138**	<10	<2	<1	13.5	**252**
	10/4/2012	97.10	6.93	ND	ND	90.17	**311**	754	**1,000**	3,990	6,055	**179**	41.3	<2	<1	17.3	**187**
	2/22/2013	97.10	4.58	ND	ND	92.52	**128**	858	**1,350**	3,930	6,266	**73.4**	<10	<2	<1	8.71	**181**
	5/1/2013	97.10	4.77	ND	ND	92.33	**153**	901	**1,220**	4,170	6,444	**101**	<10	<2	<1	10.3	**199**
	8/6/2013	97.10	4.18	ND	ND	92.92	**199**	651	**918**	2,510	4,278	**117**	<10	<2	<1	31.9	**179**
	10/3/2013	97.10	4.86	ND	ND	92.24	**259**	**1,080**	**1,210**	4,380	6,929	**133**	<10	<2	<1	11.3	**266**
	3/6/2014	97.10	3.96	ND	ND	93.14	**124**	372	**1,160**	2,830	4,486	**73.6**	22.2	<2	<1	7.44	**280**
	6/12/2014	97.10	3.90	ND	ND	93.20	**153**	547	**1,590**	4,190	6,480	**81.4**	<100	<20	<10	<10	**280**
	9/19/2014	97.10	5.62	ND	ND	91.48	**174**	630	**1,590**	4,450	6,844	**82.1**	<100	<20	<10	<10	**386**
	11/13/2014	97.10	5.16	ND	ND	91.94	**163**	297	**977**	2,670	4,107	**90.8**	21.4	<2	<1	7.78	**128**
	3/25/2015	97.10	4.10	ND	ND	93.00	**117**	387	**1,420**	2,870	4,794	**56.2**	<10	<2	<1	5.30	**174**
	6/25/2015	97.10	3.92	ND	ND	93.18	**147**	415	**991**	2,450	4,003	**82.0**	31.5	<2	<1	<1	**196**
	7/29/2015	97.10	4.12	ND	ND	92.98	**134**	456	**813**	2,600	4,003	**84.0**	28.2	<2	<1	7.02	**179**
	10/29/2015	97.10	4.96	ND	ND	92.14	**127**	368	**1,290**	2,500	4,285	**58.5**	<100	<20	<10	<10	**202**
	2/10/2016	97.10	3.91	ND	ND	93.19	**53.1**	268	**888**	1,810	3,019	**27.5**	<50	<5	<5	<5	**176**
	5/9/2016	97.10	4.22	ND	ND	92.88	**76.8**	404	**1,830**	3,640	5,951	**29.2**	<50	<10	<5	<5	**239**
	8/16/2016	97.10	5.74	ND	ND	91.36	<50.0	108	**1,320**	1,600	3,028	<50.0	<500	<100	<50.0	<50.0	**385**
	11/8/2016	97.10	6.15	ND	ND	90.95	<5.00	58.3	421	576	1,055	<5.00	<50.0	<10.0	<5.00	<5.00	**213**
	3/7/2017	97.10	6.25	ND	ND	90.85	**56.0**	247	**1,300**	2,040	3,643	<5.00	<50.0	<10.0	<5.00	<5.00	**351**
	5/1/2017	97.10	4.67	ND	ND	92.43	**55.2**	248	**731**	1,320	2,354.2	**26.1**	<100	<20.0	<10.0	<10.0	**192**
	11/30/2017	97.10	5.75	ND	ND	91.35	**85.0**	180	**1,000**	1,500	2,765	**37.0**	<50.0	<10.0	<10.0	<10.0	**180**
	2/20/2018	97.10	4.90	ND	ND	92.20	**57**	180	**930**	1,300	2,467	**23**	<100	<5.0	<5.0	<5.0	**200**
	10/24/2018	97.10	4.63	ND	ND	92.47	**50**	180	**1,800**	1,500	3,530	13	<100	<5.0	<5.0	<10	**330**
	2/21/2019	97.10	4.00	ND	ND	93.10	**53**	110	600	930	1,693	**23**	<200	<10	<10	<20	**200**
	11/11/2019	97.10	5.72	ND	ND	91.38	**69**	140	**2,000**	1,400	3,609	**20**	<100	<5.0	<5.0	<10	**410**
	6/23/2020	97.10	4.51	ND	ND	92.59	**38**	180	**1,200 H**	1,600	3,018 H	12	<50	<2.5	<2.5	<2.5	**360**
	11/24/2020	97.10	4.48	ND	ND	92.62	**25**	72	**1,100**	880	2,077	8.4	<100	<5.0	<5.0	<5.0	**250**
	6/22/2021	97.10	4.28	ND	ND	92.82	**34**	120	**1,300**	1,200	2,654	11	<100	<5.0	<5.0	<5.0	**330**
	12/13/2021	97.10	5.50	ND	ND	91.60	**12**	45	**1,100**	580	1,737	3.1	<10	<0.50	<0.50	<0.50	**270**
	6/16/2022	97.10	4.40	ND	ND	92.70	**24**	100	**1,300**	1,300	2,724	5.9	<100 F1	<5.0	<5.0	<5.0	**310**
	12/14/2022	97.10	5.45	ND	ND	91.65	**7.8**	33	**880**	240	1,161	<5.0	<100	<5.0	<5.0	<5.0	**350**
	6/26/2023	97.10	6.14	ND	ND	90.96	**24**	43	640	610	1,317	<5.0	<100	<5.0	<5.0	<5.0	**83**
	12/6/2023	97.10	5.86	ND	ND	91.24	**14**	28	**790**	180	1,012	<5.0	<100	<5.0	<5.0	<5.0	**190 cn**

See Notes on Page 13.

Table 2
Groundwater Monitoring and Analytical Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Gauging Data					Analytical Data										
		Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	t-Butyl Alcohol	di-Isopropyl Ether	ETBE	TAME	Naphthalene
					MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	--	**20**	--	--	--	--	**0.7**
MW-3A	6/1/2005	96.99	2.71	ND	ND	94.28	**6.7**	18	31	108	163	19.8	<25	NA	NA	NA	NA
	12/7/2005	96.99	4.55	ND	ND	92.44	**92.0**	23.3	99.9	128	343	**353**	<25	NA	NA	NA	NA
	5/24/2006	96.99	2.72	ND	ND	94.27	<1	1.1	5.7	19	26	**47.1**	<25	NA	NA	NA	NA
	11/7/2006	96.99	2.06	ND	ND	94.93	3.4	15.2	36.6	126	181	<1	<25	NA	NA	NA	NA
	6/21/2007	96.99	2.45	ND	ND	94.54	**278**	111	325	991	1,705	**17900**	<1,300	NA	NA	NA	NA
	12/11/2007	96.99	2.25	ND	ND	94.74	<1	<1	<1	<1	BRL	**23.2**	<25	NA	NA	NA	NA
	3/24/2008	96.99	2.41	ND	ND	94.58	0.32 J	7.5	14.8	57	79.2 J	0.64 J	<25	NA	NA	NA	NA
	6/29/2008	96.99	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/14/2008	96.99	5.57	ND	ND	91.42	<1	<1	<1	<1	BRL	3.7	<25	<5	<5	<5	<5
	11/20/2008	96.99	2.21	ND	ND	94.78	<1	<1	<1	<1	BRL	0.60 J	<25	<5	<5	<5	<5
	2/11/2009	96.99	2.75	ND	ND	94.24	**28.0**	13.7	2.8	6	50	**67.2**	26.0	<5	<5	2.7 J	<5
	4/21/2009	96.99	1.30	ND	ND	95.69	**9.6**	7.6	1.8	4	23	**37.2**	21.2 J	<5	<5	1.2 J	<5
	7/31/2009	96.99	2.83	ND	ND	94.16	0.25 J	<1	<1	<1	0.25 J	1.4	<25	<5	<5	<5	<5
	10/13/2009	96.99	2.10	ND	ND	94.89	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	96.99	1.90	ND	ND	95.09	<1	<1	<1	<1	BRL	3.6	<25	<5	<5	<5	<5
	1/12/2010	96.99	2.45	ND	ND	94.54	<1	<1	<1	<1	BRL	**18.9**	<25	<5	<5	<5	<5
	4/21/2010	96.99	2.26	ND	ND	94.73	**23.8**	14.2	5.2	9	52	**20.9**	7.5 J	<5	<5	0.98 J	<5
	7/22/2010	96.99	2.85	ND	ND	94.14	<1	<1	<1	<1	BRL	10.2	<25	<5	<5	<5	<5
	11/23/2010	96.99	4.75	ND	ND	92.24	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	3/2/2011	96.99	2.14	ND	ND	94.85	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	5/19/2011	96.99	2.53	ND	ND	94.46	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	7/12/2011	96.99	5.76	ND	ND	91.23	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	10/24/2011	96.99	2.35	ND	ND	94.64	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	2/8/2012	96.99	2.71	ND	ND	94.28	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	5/22/2012	96.99	3.30	ND	ND	93.69	<1 [<1]	<1 [<1]	<1 [<1]	<3 [<3]	BRL [BRL]	<1 [<1]	<10 [<10]	<1 [<1]	<1 [<1]	<1 [<1]	<5 [<5]
	8/14/2012	96.99	7.62	ND	ND	89.37	<1	<1	<1	<3	BRL	8.07	<10	<2	<1	<1	<5
	10/4/2012	96.99	8.63	ND	ND	88.36	**8.24**	<1	<1	<3	8.24	**33.4**	14.1	<2	<1	1.12	<5
	2/22/2013	96.99	2.48	ND	ND	94.51	1.31	<1	<1	<3	1.31	1.37	<10	<2	<1	<1	<5
	5/1/2013	96.99	4.36	ND	ND	92.63	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/6/2013	96.99	2.26	ND	ND	94.73	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	10/3/2013	96.99	2.72	ND	ND	94.27	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	3/6/2014	96.99	2.46	ND	ND	94.53	<1	<1	1.41	4.29	5.70	<1	<10	<2	<1	<1	<5
	6/12/2014	96.99	2.42	ND	ND	94.57	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	9/19/2014	96.99	6.08	ND	ND	90.91	<1	<1	<1	<2	BRL	1.16	<10	<2	<1	<1	<5
	11/13/2014	96.99	2.53	ND	ND	94.46	<1	<1	2.49	7.05	9.54	<1	<10	<2	<1	<1	<5
	3/25/2015	96.99	2.31	ND	ND	94.68	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	6/25/2015	96.99	2.09	ND	ND	94.90	1.26	<1	<1	<3	1.26	1.75	<10	<2	<1	<1	<5
	7/29/2015	96.99	2.65	ND	ND	94.34	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	10/29/2015	96.99	2.62	ND	ND	94.37	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	2/10/2016	96.99	2.10	ND	ND	94.89	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/9/2016	96.99	2.11	ND	ND	94.88	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/16/2016	96.99	5.12	ND	ND	91.87	<1.00	54.5	<1.00	<3.00	54.50	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	11/8/2016	96.99	6.56	ND	ND	90.43	**69.8**	1.20	4.63	<3.00	75.63	**25.5**	<10.0	<2.00	<1.00	2.31	<5.00
	3/7/2017	96.99	5.78	ND	ND	91.21	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00 F1 F2
	5/1/2017	96.99	2.35	ND	ND	94.64	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	11/30/2017	96.99	2.77	ND	ND	94.22	<1.00	<1.00	<1.00	<1.00	BRL	<1.00	<5.00	<1.00	<1.00	<1.00	<4.00
	2/20/2018	96.99	2.22	ND	ND	94.77	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<10	<0.5	<0.5	<0.5	<0.5
	10/24/2018	96.99	2.70	ND	ND	94.29	<0.5	<0.5	1.4	2.5	3.90	<0.5	<10	<0.5	<0.5	<1.0	<0.5
	2/21/2019	96.99	2.00	ND	ND	94.99	<0.5	<0.5	<0.5	0.8	0.80	<0.5	<10	<0.5	<0.5	<1.0	<0.5
	11/11/2019	96.99	5.56	ND	ND	91.43	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<1.0	<0.5
	6/23/2020	96.99	2.58	ND	ND	94.41	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<1.0	<0.5
	11/24/2020	96.99	2.59	ND	ND	94.40	<0.50 [<0.50]	<0.50 [<0.50]	0.53 [0.52]	1.2 [1.2]	1.73 [1.72]	<0.50 [<0.50]	<10 [<10]	<0.50 [<0.50]	<0.50 [<0.50]	<0.50 [<0.50]	<0.50 [<0.50]
	6/22/2021	96.99	2.19	ND	ND	94.80	<0.50	<0.50	0.85	1.3	2.15	<0.50	<10	<0.50	<0.50	<0.50	<0.50
	12/13/2021	96.99	5.16	ND	ND	91.83	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<10	<0.50	<0.50	<0.50	<0.50
	6/16/2022	96.99	2.25	ND	ND	94.74	<0.50	<0.50	1.2	1.3	2.5	<0.50	<10	<0.50	<0.50	<0.50	<0.50
	12/14/2022	96.99	2.31	ND	ND	94.68	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<10	<0.50	<0.50	<0.50	<0.50
	6/26/2023	96.99	5.54	ND	ND	91.45	1.5	<0.50	<0.50	<1.0	BRL	2.9	<10	<0.50	<0.50	<0.50	<0.50
	12/6/2023	96.99	2.48	ND	ND	94.51	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50 cn

See Notes on Page 13.

Table 2
Groundwater Monitoring and Analytical Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Gauging Data					Analytical Data										
		Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	t-Butyl Alcohol	di-Isopropyl Ether	ETBE	TAME	Naphthalene
					MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	--	**20**	--	--	--	--	**0.7**
MW-4	6/1/2005	97.26	2.55	ND	ND	94.71	**6.9**	3.8	4.7	10.8	26.2	13.8	ND(25)	NA	NA	NA	NA
	12/7/2005	97.26	2.77	ND	ND	94.49	2.9	0.81 J	7.6	5.7	17.0 J	5.3	ND(25)	NA	NA	NA	NA
	5/24/2006	97.26	2.82	ND	ND	94.44	0.38 J	4.0	16.9	48.1	69.4 J	11.8	ND(25)	NA	NA	NA	NA
	11/7/2006	97.26	2.48	ND	ND	94.78	2.1	2.4	9.3	31.8	45.6	**291**	ND(25)	NA	NA	NA	NA
	6/21/2007	97.26	2.73	ND	ND	94.53	**22.9**	30.8	21.8	81.1	156.6	**934**	ND(100)	NA	NA	NA	NA
	12/11/2007	97.26	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-5A	6/1/2005	95.02	2.40	ND	ND	92.62	**132**	**1,360**	**1,670**	7,270	10,432	<10	<250	NA	NA	NA	NA
	12/7/2005	95.02	3.25	ND	ND	91.77	**58.2**	230	**1130**	3,420	4,838	<10	<250	NA	NA	NA	NA
	5/24/2006	95.02	3.72	ND	ND	91.30	**22.4**	144	661	1,840	2,667	<5	<130	NA	NA	NA	NA
	11/7/2006	95.02	2.09	ND	ND	92.93	**136**	868	**1,370**	4,780	7,154	<5	<130	NA	NA	NA	NA
	6/21/2007	95.02	5.35	ND	ND	89.67	**49.7**	460	**929**	2,750	4,189	<5	<130	NA	NA	NA	NA
	12/11/2007	95.02	3.63	ND	ND	91.39	**20.1**	62.3	**831**	2,520	3,433	<10	<250	NA	NA	NA	NA
	3/24/2008	95.02	2.60	ND	ND	92.42	**56.2**	306	**855**	1,940	3,157	<5	<130	NA	NA	NA	NA
	6/29/2008	95.02	4.04	ND	ND	90.98	**38.5**	251	**920**	3,200	4,410	<10	<250	<50	<50	<50	**246**
	8/14/2008	95.02	4.32	ND	ND	90.70	**26.0**	139	**766**	2,910	3,841	<5	<130	<25	<25	<25	**242**
	11/20/2008	95.02	2.42	ND	ND	92.60	**111**	856	**1,180**	4,070	6,217	<20	<500	<100	<100	<100	**362**
	2/11/2009	95.02	2.48	ND	ND	92.54	**76.0**	900	**1,170**	4,510	6,656	<10	<250	<50	<50	<50	**347**
	4/21/2009	95.02	4.76	ND	ND	90.26	**29.9**	236	574	1,920	2,760	<5	<130	<25	<25	<25	**176**
	7/31/2009	95.02	2.87	ND	ND	92.15	**17.3**	108	488	1,570	2,183	<5	<130	<25	<25	<25	**169**
	10/13/2009	95.02	2.57	ND	ND	92.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	95.02	2.06	ND	ND	92.96	**41.3**	207	**876**	2,800	3,924	<10	<250	<50	<50	<50	**251**
	1/12/2010	95.02	1.10	ND	ND	93.92	**54.6**	609	**1,050**	3,800	5,514	<10	<250	<50	<50	<50	**269**
	4/21/2010	95.02	1.44	ND	ND	93.58	**89.3**	942	**1,230**	4,710	6,971	<5	<130	<25	<25	<25	**295**
	7/22/2010	95.02	3.87	ND	ND	91.15	**45.6**	306	**1,030**	3,600	4,982	<10	<250	<50	<50	<50	**239**
	11/23/2010	95.02	3.53	ND	ND	91.49	**86.0**	531	**1,210**	4,070	5,897	<10	<250	<50	<50	<50	**294**
	3/2/2011	95.02	2.41	ND	ND	92.61	**32.1**	168	**841**	2,250	3,291.1	<1	<20	<1	<1	<1	**227**
	5/19/2011	95.02	2.59	ND	ND	92.43	**14.1**	162	555	1,730	2,461.1	<1	<20	<1	<1	<1	**148**
	7/12/2011	95.02	3.92	ND	ND	91.10	**35.5**	323	**898**	2,530	3,786.5	<1	<20	<1	<1	<1	**267**
	10/24/2011	95.02	2.18	ND	ND	92.84	**49.1**	324	**887**	2,700	3,960.1	<1	<10	<1	<1	<1	**248**
	2/8/2012	95.02	2.08	ND	ND	92.94	**34.3**	425	**1,070**	3,320	4,849	<1	<10	<1	<1	<1	**244**
	5/22/2012	95.02	3.41	ND	ND	91.61	**20.5**	239	**805**	2,530	3594.5	<5	<50	<5	<5	<5	**157**
	8/14/2012	95.02	6.23	ND	ND	88.79	**21.5**	165	**726**	2,130	3,042.5	<1	<10	<2	<1	<1	**189**
	10/4/2012	95.02	7.23	ND	ND	87.79	**27.4 [26.1]**	152 [147]	**819 [845]**	2,460 [2,510]	3,508.4 [3,528.1]	<1 [<1]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [<1]	**250 [232]**
	2/22/2013	95.02	2.75	ND	ND	92.27	**21.1**	124	**901**	2,570	3,616.1	<1	<10	<2	<1	<1	**181**
	5/1/2013	95.02	3.09	ND	ND	91.93	**21.1**	193	**747**	2,460	3,421.1	<1	<10	<2	<1	<1	**197**
	8/6/2013	95.02	2.24	ND	ND	92.78	**36.2**	230	**722**	2,170	3,158.2	<1	<10	<2	<1	<1	**237**
	10/3/2013	95.02	2.79	ND	ND	92.23	**38.6**	242	**813**	2,300	3,393.6	<1	<10	<2	<1	<1	**266**
	3/6/2014	95.02	1.60	ND	ND	93.42	**24.3**	240	**892**	2,720	3,876.3	<1	<10	<2	<1	<1	**321**
	6/12/2014	95.02	2.03	ND	ND	92.99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/19/2014	95.02	4.32	ND	ND	90.70	**24.2**	164	**864**	2,380	3,432.2	<10	<100	<20	<10	<10	**313**
	11/13/2014	95.02	3.33	ND	ND	91.69	**7.93**	42.6	558	1,530	2,138.53	<1	<10	<2	<1	<1	**87.4**
	3/25/2015	95.02	1.89	ND	ND	93.13	**15.4**	157	**744**	2,260	3,176.4	<1	<10	<2	<1	<1	**145**
	6/25/2015	95.02	2.13	ND	ND	92.89	**18.9**	139	**728**	1,900	2,785.9	<1	<10	<2	<1	<1	**191**
	7/29/2015	95.02	1.78	ND	ND	93.24	**26.4**	190	**763**	2,290	3,269.4	<1	<10	<2	<1	<1	**222**
	10/29/2015	95.02	2.63	ND	ND	92.39	**18.8**	134	**854**	2,340	3,346.8	<10	<100	<20	<10	<10	**250**
	2/10/2016	95.02	1.78	ND	ND	93.24	**5.47**	53.4	270	999	1,327.9	<5	<50	<5	<5	<5	**111**
	5/9/2016	95.02	2.05	ND	ND	92.97	**5.56**	51.3	479	1,490	2,025.86	<5	<50	<10	<5	<5	**164**
	8/16/2016	95.02	3.51	ND	ND	91.51	<25.0	45.7	**730**	2,210	2,985.7	<25.0	<250	<50.0	<25.0	<25.0	**223**
	11/8/2016	95.02	4.73	ND	ND	90.29	<5.00	7.40	277	625	909.4	<5.00	<50.0	<10.0	<5.00	<5.00	**120**
	3/7/2017	95.02	3.40	ND	ND	91.62	<5.00	21.3	468	1,050	1,539.3	<5.00	<50.0	<10.0	<5.00	<5.00	**254**

See Notes on Page 13.

Table 2
Groundwater Monitoring and Analytical Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Gauging Data					Analytical Data										
		Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	t-Butyl Alcohol	di-Isopropyl Ether	ETBE	TAME	Naphthalene
					MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	--	**20**	--	--	--	--	**0.7**
MW-5A (cont.)	5/1/2017	95.02	2.84	ND	ND	92.18	**10.9**	72.1	529	1,460	2,072	<5.00	<50.0	<10.0	<5.00	<5.00	**130**
	11/30/2017	95.02	3.35	ND	ND	91.67	<10.0	30.0	530	1,200	1,760	<10.0	<50.0	<10.0	<10.0	<10.0	**160**
	2/20/2018	95.02	2.53	ND	ND	92.49	**6.9**	65	560	1,500	2,132	<5.0	<100	<5.0	<5.0	<5.0	**180**
	10/24/2018	95.02	2.52	ND	ND	92.50	**12**	51	580	1,400	2,043	<5.0	<100	<5.0	<5.0	<10	**180**
	2/21/2019	95.02	2.40	ND	ND	92.62	<25	98	670	1,900	2,668	<25	<500	<25	<25	<50	**180**
	11/11/2019	95.02	4.39	ND	ND	90.63	<10	23	570	1,300	1,893	<10	<200	<10	<10	<20	**160**
	6/23/2020	95.02	3.10	ND	ND	91.92	4.5 F1 [4.5]	15 [16]	490 [490]	1,200 [1,200]	1,709.5 F1 [1,710]	<2.5 [<2.5]	<50 F1 [<50]	<2.5 [<2.5]	<2.5 [<2.5]	<2.5 [<2.5]	**200 [190]**
	11/24/2020	95.02	1.95	ND	ND	93.07	<10	<10	410	850	1,260	<10	<200	<10	<10	<10	**150**
	6/22/2021	95.02	2.53	ND	ND	92.49	<10	29 F1	490	1,300	1,790	<10	<200	<10	<10	<10	**150**
	12/13/2021	95.02	2.43	ND	ND	92.59	**6.1**	15	450	1,000	1,471	<2.5	<50	<2.5	<2.5	<2.5	**150**
	6/16/2022	95.02	2.60	ND	ND	92.42	3.9	12	370	860	1,246	<2.5	<50	<2.5	<2.5	<2.5	**130**
	12/14/2022	95.02	2.56	ND	ND	92.46	2.5	5.2	400	740	1,148	<2.5	<50	<2.5	<2.5	<2.5	**170**
	6/26/2023	95.02	4.89	ND	ND	90.13	5.9	22	430	1,200	1,658	<2.5	<50	<2.5	<2.5	<2.5	**120**
	12/6/2023	95.02	3.95	ND	ND	91.07	**5.8 F1 cn**	23 cn	410	720	1,158.8 F1 cn	<5.0 cn	<100 F1 cn	<5.0 cn	<5.0 cn	<5.0 cn	**160 cn**
MW-8	12/7/2005	97.04	2.56	ND	ND	94.48	<1	<1	<1	<1	BRL	<1	<25	NA	NA	NA	NA
	5/24/2006	97.04	2.61	ND	ND	94.43	<1	2.0	10.3	34	46	**24.3**	<25	NA	NA	NA	NA
	11/7/2006	97.04	2.27	ND	ND	94.77	<1	4.1	13.9	49	67	<1	<25	NA	NA	NA	NA
	6/21/2007	97.04	2.53	ND	ND	94.51	**104**	27.7	130	644	906	**8870**	<500	NA	NA	NA	NA
	12/11/2007	97.04	2.28	ND	ND	94.76	<1	<1	<1	<1	BRL	<1	<25	NA	NA	NA	NA
	3/24/2008	97.04	2.46	ND	ND	94.58	<1	0.3 J	0.7 J	2	2.9 J	18.9	<25	NA	NA	NA	NA
	6/29/2008	97.04	2.92	ND	ND	94.12	<1	<1	<1	<1	BRL	13.5	<25	<5	<5	<5	<5
	8/14/2008	97.04	3.02	ND	ND	94.02	<1	<1	<1	<1	BRL	1.6	<25	<5	<5	<5	<5
	11/20/2008	97.04	2.30	ND	ND	94.74	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	2/11/2009	97.04	2.67	ND	ND	94.37	0.34 J	<1	<1	<1	0.34 J	**86.2**	13.8 J	<5	<5	0.84 J	<5
	4/21/2009	97.04	1.90	ND	ND	95.14	0.58 J	<1	<1	<1	0.58 J	**52.3**	86.4	<5	<5	0.95 J	<5
	7/31/2009	97.04	2.55	ND	ND	94.49	0.91 J	9.2	3.3	10	23.0 J	<1	<25	<5	<5	<5	<5
	10/13/2009	97.04	3.00	ND	ND	94.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	97.04	4.65	ND	ND	92.39	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	1/12/2010	97.04	2.59	ND	ND	94.45	2.2	<1	1.3	0.95 J	4.5 J	**71.8**	<25	<5	<5	3.8 J	<5
	4/21/2010	97.04	2.46	ND	ND	94.58	0.28 J	<1	<1	<1	0.28 J	18.5	20.5 J	<5	<5	0.71 J	<5
	7/22/2010	97.04	2.65	ND	ND	94.39	<1	<1	<1	<1	BRL	0.62 J	<25	<5	<5	<5	<5
	11/23/2010	97.04	2.90	ND	ND	94.14	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	3/2/2011	97.04	2.01	ND	ND	95.03	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	5/19/2011	97.04	2.53	ND	ND	94.51	<1	<1	<1	<3	BRL	2.76	<20	<1	<1	<1	<5
	7/12/2011	97.04	4.65	ND	ND	92.39	<1	11.5	15	56.3	82.8	<1	<20	<1	<1	<1	<5
	10/24/2011	97.04	2.59	ND	ND	94.45	<1 [<1]	<1 [<1]	<1 [<1]	<3 [<3]	BRL	1.32 [1.45]	<10 [<10]	<1 [<1]	<1 [<1]	<1 [<1]	<5 [<5]
	2/8/2012	97.04	2.81	ND	ND	94.23	<1 [<1]	<1 [<1]	<1 [<1]	<3 [<3]	BRL [BRL]	3.46 [3.86]	<10 [<10]	<1 [<1]	<1 [<1]	<1 [<1]	<5 [<5]
	5/22/2012	97.04	2.85	ND	ND	94.19	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	8/14/2012	97.04	3.34	ND	ND	93.70	1.32	<1	<1	<3	1.32	7.33	<10	<2	<1	<1	<5
	10/4/2012	97.04	5.65	ND	ND	91.39	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	2/22/2013	97.04	2.51	ND	ND	94.53	<1	<1	<1	<3	BRL	1.01	<10	<2	<1	<1	<5
	5/1/2013	97.04	2.82	ND	ND	94.22	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/6/2013	97.04	2.35	ND	ND	94.69	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	10/3/2013	97.04	2.74	ND	ND	94.30	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	3/6/2014	97.04	2.46	ND	ND	94.58	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	6/12/2014	97.04	2.47	ND	ND	94.57	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	9/19/2014	97.04	4.92	ND	ND	92.12	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	11/13/2014	97.04	2.61	ND	ND	94.43	<1	<1	<1	2.02	2.02	<1	<10	<2	<1	<1	<5
	3/25/2015	97.04	2.40	ND	ND	94.64	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	6/25/2015	97.04	2.26	ND	ND	94.78	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	7/29/2015	97.04	2.73	ND	ND	94.31	<1	<1	<1	<3	BRL	1.29	<10	<2	<1	<1	<5
	10/29/2015	97.04	2.52	ND	ND	94.52	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	2/10/2016	97.04	2.15	ND	ND	94.89	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/9/2016	97.04	2.16	ND	ND	94.88	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/16/2016	97.04	3.07	ND	ND	93.97	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	11/8/2016	97.04	5.22	ND	ND	91.82	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	3/7/2017	97.04	2.99	ND	ND	94.05	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	5/1/2017	97.04	2.41	ND	ND	94.63	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00

See Notes on Page 13.

Table 2
Groundwater Monitoring and Analytical Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Gauging Data					Analytical Data										
		Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	t-Butyl Alcohol	di-Isopropyl Ether	ETBE	TAME	Naphthalene
					MEAT Groundwater Standard:		5.0	1,000	700	10,000	--	20	--	--	--	--	0.7
MW-8 (cont.)	11/30/2017	97.04	2.80	ND	ND	94.24	<1.00	<1.00	<1.00	1	1.00	<1.00	<5.00	<1.00	<1.00	<1.00	<4.00
	2/20/2018	97.04	2.22	ND	ND	94.82	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<10	<0.5	<0.5	<0.5	<0.5
	10/24/2018	97.04	2.78	ND	ND	94.26	<0.5	<0.5	0.5	0.6	1.10	<0.5	<10	<0.5	<0.5	<1.0	<0.5
	2/21/2019	97.04	2.00	ND	ND	95.04	<0.5	<0.5	<0.5	<0.5	BRL	<0.5	<10	<0.5	<0.5	<1.0	<0.5
	11/11/2019	97.04	2.94	ND	ND	94.10	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<1.0	<0.5
	6/23/2020	97.04	2.58	ND	ND	94.46	<0.5	<0.5	<0.5	<1.0	BRL	<0.5	<10	<0.5	<0.5	<1.0	<0.5
	11/24/2020	97.04	2.64	ND	ND	94.40	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<10	<0.50	<0.50	<0.50	<0.50
	6/22/2021	97.04	2.24	ND	ND	94.80	<0.50	<0.50	0.53	<1.0	0.53	<0.50	<10	<0.50	<0.50	<0.50	<0.50
	12/13/2021	97.04	3.01	ND	ND	94.03	<0.50	<0.50	0.93	<1.0	0.93	<0.50	<10	<0.50	<0.50	<0.50	0.65
	6/16/2022	97.04	2.26	ND	ND	94.78	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<10	<0.50	<0.50	<0.50	<0.50
	12/14/2022	97.04	2.34	ND	ND	94.70	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<10	<0.50	<0.50	<0.50	<0.50
	6/26/2023	97.04	2.97	ND	ND	94.07	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<10	<0.50	<0.50	<0.50	<0.50
	12/6/2023	97.04	2.49	ND	ND	94.55	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50 cn
MW-10	6/1/2005	93.35	3.82	ND	ND	89.53	**9**	1	4	7	21	9.3	<25	NA	NA	NA	NA
	12/7/2005	93.35	4.51	ND	ND	88.84	**24.7**	0.38 J	26.8	8	59.4 J	19.6	<25	NA	NA	NA	NA
	5/24/2006	93.35	4.67	ND	ND	88.68	**13.3**	0.52 J	5.8	4	23.6 J	**45.7**	25.3	NA	NA	NA	NA
	11/7/2006	93.35	4.04	ND	ND	89.31	**11.2**	38.1	83.9	266	399	**164**	127	NA	NA	NA	NA
	6/21/2007	93.35	4.54	ND	ND	88.81	**18.9**	7.4	20.1	46	93	**42.5**	<25	NA	NA	NA	NA
	12/11/2007	93.35	3.73	ND	ND	89.62	0.85 J	2.6	10.1	28	41.1 J	**22.5**	<25	NA	NA	NA	NA
	3/24/2008	93.35	4.10	ND	ND	89.25	0.39 J	3.4	7.9	21	32.3 J	6.7	<25	NA	NA	NA	NA
	6/29/2008	93.35	4.40	ND	ND	88.95	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	8/14/2008	93.35	4.75	ND	ND	88.60	<1	<1	<1	0.45 J	0.45 J	<1	<25	<5	<5	<5	<5
	11/20/2008	93.35	4.56	ND	ND	88.79	3.6	<1	2.0	<1	6	11.6	<25	<5	<5	<5	<5
	2/11/2009	93.35	4.27	ND	ND	89.08	<1	<1	<1	<1	BRL	3.0	<25	<5	<5	<5	<5
	4/21/2009	93.35	2.72	ND	ND	90.63	<1	<1	<1	<1	BRL	1.4	<25	<5	<5	<5	<5
	7/31/2009	93.35	4.31	ND	ND	89.04	<1	0.65 J	0.30 J	0.69 J	1.64 J	<1	<25	<5	<5	<5	<5
	10/13/2009	93.35	3.87	ND	ND	89.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	93.35	3.33	ND	ND	90.02	<1	<1	<1	<1	BRL	0.40 J	<25	<5	<5	<5	<5
	1/12/2010	93.35	3.41	ND	ND	89.94	0.30 J	<1	<1	<1	0.30 J	2.7	<25	<5	<5	<5	<5
	4/21/2010	93.35	2.94	ND	ND	90.41	<1	0.40 J	1.2	4	5.8 J	0.57 J	<25	<5	<5	<5	<5
	7/22/2010	93.35	4.41	ND	ND	88.94	<1	0.58 J	0.61 J	2	3.2 J	1.6	<25	<5	<5	<5	<5
	11/23/2010	93.35	4.71	ND	ND	88.64	5	0.82 J	13.5	5	24.2 J	**40.3**	30.4	<5	<5	<5	<5
	3/2/2011	93.35	3.96	ND	ND	89.39	<1	<1	<1	<3	BRL	1.37	<20	<1	<1	<1	<5
	5/19/2011	93.35	3.55	ND	ND	89.80	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	7/12/2011	93.35	4.40	ND	ND	88.95	<1	<1	<1	<3	BRL	15.4	<20	<1	<1	<1	<5
	10/24/2011	93.35	4.07	ND	ND	89.28	<1	<1	<1	<3	BRL	19.3	<10	<1	<1	<1	<5
	2/8/2012	93.35	4.10	ND	ND	89.25	<1	<1	<1	<3	BRL	2.49	<10	<1	<1	<1	<5
	5/22/2012	93.35	4.76	ND	ND	88.59	<1	<1	<1	<3	BRL	17	<10	<1	<1	<1	<5
	8/14/2012	93.35	4.15	ND	ND	89.20	<1	<1	1.07	<3	1.07	**27.3**	28.7	<2	<1	<1	<5
	10/4/2012	93.35	4.35	ND	ND	89.00	<1	<1	<1	<3	BRL	10.5	<10	<2	<1	<1	<5
	2/22/2013	93.35	4.35	ND	ND	89.00	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/1/2013	93.35	4.01	ND	ND	89.34	<1	<1	<1	<3	BRL	1.53	26.6	<2	<1	<1	<5
	8/6/2013	93.35	3.42	ND	ND	89.93	<1	<1	<1	<2	BRL	5.31	<10	<2	<1	<1	<5
	10/3/2013	93.35	4.09	ND	ND	89.26	<1	<1	<1	<2	BRL	1.96	<10	<2	<1	<1	<5
	3/6/2014	93.35	2.99	ND	ND	90.36	<1	<1	<1	<3	BRL	1.12	<10	<2	<1	<1	<5
	6/12/2014	93.35	2.81	ND	ND	90.54	1.03	<1	<1	<2	1.03	5.08	<10	<2	<1	<1	<5
	9/19/2014	93.35	4.31	ND	ND	89.04	1.25	<1	<1	<2	1.25	5.19	<10	<2	<1	<1	<5
	11/13/2014	93.35	4.54	ND	ND	88.81	<1	<1	<1	<2	BRL	3.79	<10	<2	<1	<1	<5
	3/25/2015	93.35	3.16	ND	ND	90.19	<1	<1	<1	<2	BRL	1.89	<10	<2	<1	<1	<5
	6/25/2015	93.35	3.38	ND	ND	89.97	<1	<1	<1	<3	BRL	2.94	<10	<2	<1	<1	<5
	7/29/2015	93.35	3.56	ND	ND	89.79	<1	<1	<1	<3	BRL	2.48	<10	<2	<1	<1	<5
	10/29/2015	93.35	4.01	ND	ND	89.34	<1	<1	<1	<3	BRL	10.2	<10	<2	<1	<1	<5
	2/10/2016	93.35	3.23	ND	ND	90.12	<1	<1	<1	<3	BRL	**23**	<10	<2	<1	<1	<5
	5/9/2016	93.35	4.01	ND	ND	89.34	<1	<1	<1	<3	BRL	**23.4**	28.8	<2	<1	<1	<5
	8/16/2016	93.35	4.82	ND	ND	88.53	**45.0**	<1.00	39.9	<3.00	84.90	**42.9**	51.6	<2.00	<1.00	<1.00	<5.00
	11/8/2016	93.35	5.01	ND	ND	88.34	<1.00	<1.00	<1.00	<3.00	BRL	1.63	<10.0	<2.00	<1.00	<1.00	<5.00
	3/7/2017	93.35	4.86	ND	ND	88.49	<1.00	<1.00	<1.00	<3.00	BRL	1.58	<10.0	<2.00	<1.00	<1.00	<5.00
	5/1/2017	93.35	4.00	ND	ND	89.35	<1.00	<1.00	<1.00	<3.00	BRL	5.65	<10.0	<2.00	<1.00	<1.00	<5.00

See Notes on Page 13.

Table 2
Groundwater Monitoring and Analytical Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Gauging Data					Analytical Data										
		Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	t-Butyl Alcohol	di-Isopropyl Ether	ETBE	TAME	Naphthalene
					MEAT Groundwater Standard:		5.0	1,000	700	10,000	--	20	--	--	--	--	0.7
MW-10 (cont.)	11/30/2017	93.35	4.75	ND	ND	88.60	<1.00	<1.00	<1.00	1	1.0	20	16	<1.00	<1.00	<1.00	<4.00
	2/20/2018	93.35	3.61	ND	ND	89.74	<0.5	<0.5	<0.5	0.7	0.7	2.3	<10	<0.5	<0.5	<0.5	<0.5
	10/24/2018	93.35	3.73	ND	ND	89.62	<0.5	<0.5	1.3	3.4	4.7	9.9	<10	<0.5	<0.5	<1.0	<0.5
	2/21/2019	93.35	2.36	ND	ND	90.99	<0.5	<0.5	<0.5	0.9	0.9	<0.5	<10	<0.5	<0.5	<1.0	<0.5
	11/11/2019	93.35	4.54	ND	ND	88.81	<0.5	<0.5	0.6	1.5	2.1	4.4	<10	<0.5	<0.5	<1.0	<0.5
	6/23/2020	93.35	3.27	ND	ND	90.08	<0.5	<0.5	<0.5	<1.0	BRL	4.2	<10	<0.5	<0.5	<1.0	<0.5
	11/24/2020	93.35	3.96	ND	ND	89.39	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<10	<0.50	<0.50	<0.50	<0.50
	6/22/2021	93.35	3.22	ND	ND	90.13	<0.50	<0.50	<0.50	<1.0	BRL	2.5	<10	<0.50	<0.50	<0.50	<0.50
	12/13/2021	93.35	4.32	ND	ND	89.03	<0.50	<0.50	1.3	2.8	4.1	1.2	<10	<0.50	<0.50	<0.50	0.55
	6/16/2022	93.35	3.30	ND	ND	90.05	<2.5	<2.5	<2.5	<5.0	BRL	4.3	<50	<2.5	<2.5	<2.5	<2.5
	12/14/2022	93.35	4.50	ND	ND	88.85	<2.5	<2.5	<2.5	<5.0	BRL	2.8	<50	<2.5	<2.5	<2.5	<2.5
	6/26/2023	93.35	3.47	ND	ND	89.88	<2.5	<2.5	<2.5	<5.0	BRL	<0.50	<50	<2.5	<2.5	<2.5	<2.5
	12/6/2023	93.35	4.76	ND	ND	88.59	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50 cn
MW-11	6/1/2005	96.64	7.84	ND	ND	88.80	**461**	**1,410**	**1,690**	5,380	8,941	**748**	185	NA	NA	NA	NA
	12/7/2005	96.64	8.48	ND	ND	88.16	**504**	488	**839**	2,500	4,331	**614**	<130	NA	NA	NA	NA
	5/24/2006	96.64	8.52	ND	ND	88.12	**270**	317	**729**	1,920	3,236	**422**	<130	NA	NA	NA	NA
	11/7/2006	96.64	6.10	ND	ND	90.54	**148**	117	463	921	1,649	**206**	55.8	NA	NA	NA	NA
	6/21/2007	96.64	8.16	ND	ND	88.48	**102**	64.0	341	423	930	**185**	<25	NA	NA	NA	NA
	12/11/2007	96.64	9.15	ND	ND	87.49	**275**	307	**833**	2,060	3,475	**328**	<250	NA	NA	NA	NA
	3/24/2008	96.64	6.07	ND	ND	90.57	**135**	117	443	1,160	1,855	**289**	69.3 J	NA	NA	NA	NA
	6/29/2008	96.64	7.96	ND	ND	88.68	**14.0**	12.4	12.7	159	198	**65.4**	<25	<5	<5	4.2 J	**19.0**
	8/14/2008	96.64	7.78	ND	ND	88.86	3.0	0.42 J	0.96 J	6	10.5 J	**36.7**	<25	<5	<5	0.92 J	**2.1 J**
	11/20/2008	96.64	9.18	ND	ND	87.46	**131**	89.5	**738**	1,570	2,529	**214**	<130	<25	<25	<25	**212**
	2/11/2009	96.64	6.87	ND	ND	89.77	**65.8**	63.1	333	781	1,243	**149**	34.8	<5	<5	10.7	**87.3**
	4/21/2009	96.64	5.68	ND	ND	90.96	**60.6**	48.9	360	758	1,228	**142**	34.5 J	<13	<13	10.9 J	**84.9**
	7/31/2009	96.64	8.45	ND	ND	88.19	**60.4**	47.0	521	523	1,151	**169**	<50	<10	<10	11.9	**118**
	10/13/2009	96.64	6.73	ND	ND	89.91	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	96.64	6.23	ND	ND	90.41	<1	<1	<1	<1	BRL	16.1	<25	<5	<5	<5	<5
	1/12/2010	96.64	5.22	ND	ND	91.42	**8.9**	4.5	70.9	95	180	19.2	<25	<5	<5	1.4 J	**16.0**
	4/21/2010	96.64	4.93	ND	ND	91.71	**29.6**	11.3	198	241	480	**76.1**	16.2 J	<5	<5	4.5 J	**51.8**
	7/22/2010	96.64	9.31	ND	ND	87.33	**78.7**	64.2	**884**	1,210	2,237	**206**	<63	<13	<13	17.4	**213**
	11/23/2010	96.64	8.85	ND	ND	87.79	**103**	65.4	422	566	1,156	**176**	30.8	<5	<5	11.8	**143**
	3/2/2011	96.64	5.96	ND	ND	90.68	**4.64**	4	47	66	121	12.8	<20	<1	<1	<1	**9.29**
	5/19/2011	96.64	5.99	ND	ND	90.65	**16.4**	12	126	203	357	**41.7**	<20	<1	<1	<1	**35.2**
	7/12/2011	96.64	8.58	ND	ND	88.06	**51.6**	37.8	432	487	1,008.4	**120**	<20	<1	<1	8.06	**87.5**
	10/24/2011	96.64	6.36	ND	ND	90.28	**15.6**	12	158	218	403.6	**36.4**	<10	<1	<1	2.31	**44.8**
	2/8/2012	96.64	5.96	ND	ND	90.68	**9.95**	10.4	143	228	391	**26**	<10	<1	<1	<1	**41.5**
	5/22/2012	96.64	9.10	ND	ND	87.54	**31.4**	17	291	404	743.4	**87.4**	13.3	<1	<1	6.17	**65.9**
	8/14/2012	96.64	10.51	ND	ND	86.13	**71.2**	56.8	**848**	1,270	2,246.0	**142**	<10	<2	<1	9.86	**157**
	10/4/2012	96.64	10.82	ND	ND	85.82	**103**	72.9	667	967	1,809.9	**148**	32.7	<2	<1	12.1	**193**
	2/22/2013	96.64	6.40	ND	ND	90.24	**8.17 [10.2]**	4.39 [6.51]	92.7 [129]	70.3 [125]	175.56 [270.71]	<1 [14.1]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [1.1]	**24.6 [9.39]**
	5/1/2013	96.64	6.63	ND	ND	90.01	**15.9**	15.6	251	455	737.5	**52.4**	<10	<2	<1	3.87	**76**
	8/6/2013	96.64	5.23	ND	ND	91.41	2.91	<1	15	7.81	25.72	8.31	<10	<2	<1	<1	**16.3**
	10/3/2013	96.64	6.88	ND	ND	89.76	**6.65**	1.89	70.8	36.4	115.74	**21.0**	<10	<2	<1	1.56	**42.2**
	3/6/2014	96.64	4.42	ND	ND	92.22	<1	1.05	3.85	7.92	12.82	<1	<10	<2	<1	<1	<5
	6/12/2014	96.64	5.34	ND	ND	91.30	1.10	1.33	15.2	13.2	30.83	3.44	<10	<2	<1	<1	**7.40**
	9/19/2014	96.64	9.59	ND	ND	87.05	**12.1**	9.91	210	244	476.01	**39.1**	<10	<2	<1	3.63	**77.8**
	11/13/2014	96.64	8.39	ND	ND	88.25	**13.8**	11.8	304	328	657.6	**46.5**	<10	<2	<1	3.72	**36.1**
	3/25/2015	96.64	4.65	ND	ND	91.99	1.06	1.34	36.6	23.3	62.30	2.52	<10	<2	<1	<1	**11.2**
	6/25/2015	96.64	4.91	ND	ND	91.73	1.09	1.36	12.9	15.6	30.95	3.87	<10	<2	<1	<1	**8.86**
	7/29/2015	96.64	5.80	ND	ND	90.84	1.83	1.23	37.8	31.9	72.76	6.38	<10	<2	<1	<1	**16.6**
	10/29/2015	96.64	6.71	ND	ND	89.93	4.37	2.77	114	72.2	193.34	**20.3**	<10	<2	<1	<1	**44.5**
	2/10/2016	96.64	4.04	ND	ND	92.60	<1	<1	<1	<2	BRL	<1	<10	<1	<1	<1	<1
	5/9/2016	96.64	5.89	ND	ND	90.75	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/16/2016	96.64	9.17	ND	ND	87.47	**6.15**	5.84	154	188	353.99	**30.0**	<10.0	<2.00	<1.00	2.64	**93.7**
	11/8/2016	96.64	10.25	ND	ND	86.39	**7.29**	4.75	177	153	342.04	**34.1**	<10.0	<2.00	<1.00	2.52	**78.4**
	3/7/2017	96.64	9.23	ND	ND	87.41	<1.00	<1.00	37.8	13.5	51.3	<1.00	<10.0	<2.00	<1.00	<1.00	**8.31**
	5/1/2017	96.64	6.15	ND	ND	90.49	<1.00	<1.00	4.95	<3.00	4.95	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00

See Notes on Page 13.

Table 2
Groundwater Monitoring and Analytical Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Gauging Data					Analytical Data										
		Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	t-Butyl Alcohol	di-Isopropyl Ether	ETBE	TAME	Naphthalene
					MEAT Groundwater Standard:		5.0	1,000	700	10,000	--	20	--	--	--	--	0.7
MW-11 (cont.)	11/30/2017	96.64	8.78	ND	ND	87.86	<1.00	<1.00	14.0	6.0	20.0	1.0	<5.00	<1.00	<1.00	<1.00	<4.00
	2/20/2018	96.64	6.52	ND	ND	90.12	<0.5	<1.00	4.6	1.5	6.1	<0.5	<10	<0.5	<0.5	<0.5	**2.70**
	10/24/2018	96.64	6.65	ND	ND	89.99	<0.5	<0.5	2.7	0.7	3.4	<0.5	<10	<0.5	<0.5	<1.0	**1.70**
	2/21/2019	96.64	3.10	ND	ND	93.54	<0.5	<0.5	2.7	4.8	7.5	<0.5	<10	<0.5	<0.5	<1.0	**0.90**
	11/11/2019	96.64	9.44	ND	ND	87.20	<0.5	<0.5	2.3	1.7	4.0	0.8	<10	<0.5	<0.5	<1.0	**2.3**
	6/23/2020	96.64	5.39	ND	ND	91.25	<0.5	<0.5	2.4	2.2	4.6	<0.5	<10	<0.5	<0.5	<1.0	**0.84**
	11/24/2020	96.64	5.96	ND	ND	90.68	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<10	<0.50	<0.50	<0.50	<0.50
	6/22/2021	96.64	5.82	ND	ND	90.82	<0.50	<0.50	<0.50	<1.0	BRL	<0.50	<10	<0.50	<0.50	<0.50	0.50
	12/13/2021	96.64	8.20	ND	ND	88.44	<0.50	<0.50	1.7	1.1	2.8	<0.50	<10	<0.50	<0.50	<0.50	**1.2**
	6/16/2022	96.64	6.33	ND	ND	90.31	<0.50	<0.50	1.4	<1.0	1.4	<0.50	<10	<0.50	<0.50	<0.50	**0.91**
	12/14/2022	96.64	8.44	ND	ND	88.20	<0.50	<0.50	47	39	86	0.92	<10	<0.50	<0.50	<0.50	**14**
	6/26/2023	96.64	9.56	ND	ND	87.08	<0.50	<0.50	<0.50	82	86	2.5	<10	<0.50	<0.50	<0.50	**53**
	12/6/2023	96.64	9.31	ND	ND	87.33	0.56	<0.50	36	28	64.56	1.2	<10	<0.50	<0.50	<0.50	**19 cn**
MW-12	6/1/2005	100.00	10.50	ND	ND	89.50	3.6	<2	<2	<2	3.6	**283**	<50	NA	NA	NA	NA
	12/7/2005	100.00	12.65	ND	ND	87.35	0.45 J	<1	0.72 J	1.3	2.5 J	**135**	<25	NA	NA	NA	NA
	5/24/2006	100.00	13.16	ND	ND	86.84	4.0	25.1	31.7	101	162	**198**	<50	NA	NA	NA	NA
	11/7/2006	100.00	8.19	ND	ND	91.81	1.2	7.6	26.9	75.0	110.7	**161**	<25	NA	NA	NA	NA
	6/21/2007	100.00	12.97	ND	ND	87.03	1.8	7.3	15.4	48.6	73.1	**224**	<25	NA	NA	NA	NA
	12/11/2007	100.00	15.78	ND	ND	84.22	<1	0.92 J	16.6	56.3	73.8 J	**25.7**	<25	NA	NA	NA	NA
	3/24/2008	100.00	7.98	ND	ND	92.02	0.84 J	0.38 J	1.3	4.1	6.6 J	**144**	11.2 J	NA	NA	NA	NA
	6/29/2008	100.00	12.35	ND	ND	87.65	0.85 J	<1	<1	<1	0.85 J	**153**	9.8 J	<5	<5	27.4	**1.4 J**
	8/14/2008	100.00	13.85	ND	ND	86.15	<1	<1	<1	<1	BRL	**126**	<25	<5	<5	21.6	<5
	11/20/2008	100.00	14.53	ND	ND	85.47	<1	<1	<1	<1	BRL	**56.0**	<25	<5	<5	<5	<5
	2/11/2009	100.00	9.07	ND	ND	90.93	0.31 J	<1	0.31 J	0.81 J	1.43 J	**114**	<25	<5	<5	14.3	**1.4 J**
	4/21/2009	100.00	8.62	ND	ND	91.38	<1	<1	<1	<1	BRL	**96.7**	13.2 J	<5	<5	16.6	<5
	7/31/2009	100.00	13.86	ND	ND	86.14	<1	1.5	0.61 J	1.6	3.7 J	**96.7**	<25	<5	<5	18.0	<5
	10/13/2009	100.00	10.90	ND	ND	89.10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	100.00	8.54	ND	ND	91.46	<1	<1	<1	<1	BRL	**38.8**	<25	<5	<5	4.9 J	<5
	1/12/2010	100.00	7.36	ND	ND	92.64	0.32 J	<1	<1	<1	0.32 J	**90.4**	<25	<5	<5	<5	<5
	4/21/2010	100.00	7.39	ND	ND	92.61	1.4	<1	0.86 J	0.64 J	2.9 J	**80.9**	9.5 J	<5	<5	13.2	**2.6 J**
	7/22/2010	100.00	15.90	ND	ND	84.10	<1	1.1	1.3	5.0	7.4	**53.0**	<25	<5	<5	13.1	<5
	11/23/2010	100.00	14.50	ND	ND	85.50	<1	<1	0.42 J	1.4	1.8 J	19.1	<25	<5	<5	3.2 J	<5
	3/2/2011	100.00	7.72	ND	ND	92.28	<1 [<1]	<1 [<1]	<1 [<1]	<3 [<3]	BRL	**36.8 [35.5]**	<20 [<20]	<1 [<1]	<1 [<1]	6.32 [5.99]	<5 [<5]
	5/19/2011	100.00	8.63	ND	ND	91.37	<1 [<1]	<1 [<1]	1.15 [1.02]	<3 [<3]	BRL	**60.9 [54.1]**	<20 [<20]	<1 [<1]	<1 [<1]	<1 [10.6]	**5.01 [<5]**
	7/12/2011	100.00	14.09	ND	ND	85.91	<1	<1	<1	<3	BRL	**37**	<20	<1	<1	6.78	<5
	10/24/2011	100.00	8.48	ND	ND	91.52	<1	1.62	<1	<3	1.62	**28.9**	<10	<1	<1	4.82	<5
	2/8/2012	100.00	8.33	ND	ND	91.67	<1	<1	<1	<3	BRL	**43.9**	<10	<1	<1	<1	<5
	5/22/2012	100.00	14.55	ND	ND	85.45	<1	<1	<1	<3	BRL	**27.1**	<10	<1	<1	4.11	<5
	8/14/2012	100.00	17.95	ND	ND	82.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/4/2012	100.00	Dry	ND	ND	Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/22/2013	100.00	8.42	ND	ND	91.58	<1	<1	<1	<3	BRL	9.48	<10	<2	<1	1.41	<5
	5/1/2013	100.00	9.13	ND	ND	90.87	<1	<1	<1	<3	BRL	**27.4**	<10	<2	<1	5.24	<5
	8/6/2013	100.00	7.25	ND	ND	92.75	<1	<1	<1	<2	BRL	16.7	<10	<2	<1	3.06	<5
	10/3/2013	100.00	9.83	ND	ND	90.17	<1	<1	<1	<2	BRL	13.7	<10	<2	<1	<1	<5
	3/6/2014	100.00	6.91	ND	ND	93.09	<1	<1	<1	<3	BRL	15.2	<10	<2	<1	2.46	<5
	6/12/2014	100.00	8.38	ND	ND	91.62	<1	<1	<1	<2	BRL	9.81	<10	<2	<1	1.86	<5
	9/19/2014	100.00	16.21	ND	ND	83.79	<1	<1	<1	<2	BRL	7.25	<10	<2	<1	1.16	<5
	11/13/2014	100.00	13.29	ND	ND	86.71	<1	<1	<1	<2	BRL	3.28	<10	<2	<1	<1	<5
	3/25/2015	100.00	6.73	ND	ND	93.27	<1	<1	<1	<2	BRL	4.55	<10	<2	<1	<1	<5
	6/25/2015	100.00	7.31	ND	ND	92.69	<1	<1	<1	<3	BRL	5.87	<10	<2	<1	1.38	<5
	7/29/2015	100.00	8.58	ND	ND	91.42	<1	<1	<1	<3	BRL	5.73	<10	<2	<1	1.35	<5
	10/29/2015	100.00	13.98	ND	ND	86.02	<1	<1	<1	<3	BRL	1.77	<10	<2	<1	<1	<5
	2/10/2016	100.00	6.51	ND	ND	93.49	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/9/2016	100.00	8.49	ND	ND	91.51	<1	<1	<1	<3	BRL	1.39	<10	<2	<1	<1	<5
	8/16/2016	100.00	15.12	ND	ND	84.88	<1.00	16.6	<1.00	<3.00	16.6	5.47	<10.0	<2.00	<2.00	<1.00	<5.00
	11/8/2016	100.00	17.17	ND	ND	82.83	<1.00	<1.00	<1.00	<3.00	BRL	1.16	<10.0	<2.00	<1.00	<1.00	<5.00
	3/7/2017	100.00	14.44	ND	ND	85.56	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	5/1/2017	100.00	8.12	ND	ND	91.88	<1.00	<1.00	<1.00	<3.00	BRL	1.98	<10.0	<2.00	<1.00	<1.00	<5.00

See Notes on Page 13.

Table 2
Groundwater Monitoring and Analytical Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Gauging Data					Analytical Data										
		Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	t-Butyl Alcohol	di-Isopropyl Ether	ETBE	TAME	Naphthalene
					MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-13	6/1/2005	94.38	9.60	ND	ND	84.78	0.99 J	11.7	62.3	225	300 J	2.2	<25	NA	NA	NA	NA
	12/7/2005	94.38	10.93	ND	ND	83.45	<1	<1	<1	<1	BRL	<1	<25	NA	NA	NA	NA
	5/24/2006	94.38	12.06	ND	ND	82.32	1.4	16.3	25.5	83.9	127.1	<1	<25	NA	NA	NA	NA
	11/7/2006	94.38	7.87	ND	ND	86.51	<1	1.5	7.3	21.2	30.0	<1	<25	NA	NA	NA	NA
	6/21/2007	94.38	11.29	ND	ND	83.09	<1	7.0	15.4	48.0	70.4	<1	<25	NA	NA	NA	NA
	12/11/2007	94.38	11.61	ND	ND	82.77	<1	0.76 J	10.5	31.0	42.3 J	<1	<25	NA	NA	NA	NA
	3/24/2008	94.38	7.58	ND	ND	86.80	<1	1.8	21.8	63.7	87.3	2.1	<25	NA	NA	NA	NA
	6/29/2008	94.38	11.11	ND	ND	83.27	<1	<1	<1	0.91 J	0.91 J	0.46 J	<25	<5	<5	<5	<5
	8/14/2008	94.38	12.62	ND	ND	81.76	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	11/20/2008	94.38	11.97	ND	ND	82.41	<1	<1	0.56 J	1.3	1.9 J	0.64 J	<25	<5	<5	<5	<5
	2/11/2009	94.38	9.52	ND	ND	84.86	<1	2.0	25.3	73.5	100.8	3.5	<25	<5	<5	<5	**11.8**
	4/21/2009	94.38	3.75	ND	ND	90.63	<1	0.45 J	8.0	18.3	26.8 J	1.7	<25	<5	<5	<5	**3.2 J**
	7/31/2009	94.38	12.49	ND	ND	81.89	1.2	1.3	2.1	9.3	13.9	5.5	<25	<5	<5	<5	**5.3**
	10/13/2009	94.38	10.00	ND	ND	84.38	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	10/27/2009	94.38	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/12/2010	94.38	6.36	ND	ND	88.02	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	4/21/2010	94.38	6.55	ND	ND	87.83	<1	<1	<1	<1	BRL	1.5	<25	<5	<5	<5	<5
	7/22/2010	94.38	14.77	ND	ND	79.61	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	11/23/2010	94.38	14.40	ND	ND	79.98	<1	<1	0.44 J	1.1	1.5 J	0.46 J	<25	<5	<5	<5	<5
	3/2/2011	94.38	4.58	ND	ND	89.80	<1	<1	5.25	11.8	17	<1	<20	<1	<1	<1	<5
	5/19/2011	94.38	8.85	ND	ND	85.53	<1	<1	13.9	46.5	60	3.27	<20	<1	<1	<1	**7.24**
	7/12/2011	94.38	12.63	ND	ND	81.75	<1	<1	14	43	57	5.76	<20	<1	<1	<1	**17.1**
	10/24/2011	94.38	6.83	ND	ND	87.55	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	2/8/2012	94.38	5.90	ND	ND	88.48	<1	<1	1.78	3.88	6	<1	<10	<1	<1	<1	<5
	5/22/2012	94.38	13.05	ND	ND	81.33	<1	<1	2.72	<3	2.72	2.09	<10	<1	<1	<1	<5
	8/14/2012	94.38	17.93	ND	ND	76.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/4/2012	94.38	17.96	ND	ND	76.42	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/22/2013	94.38	6.63	ND	ND	87.75	<1	<1	2.8	5.07	7.87	<1	<10	<2	<1	<1	<5
	5/1/2013	94.38	9.34	ND	ND	85.04	<1	<1	9.56	25.6	35.16	1.95	28	<2	<1	<1	<5
	8/6/2013	94.38	5.22	ND	ND	89.16	<1	<1	3.34	5.64	8.98	1.56	<10	<2	<1	<1	**5.24**
	10/3/2013	94.38	8.91	ND	ND	85.47	<1	<1	6.58	19.4	25.98	2.41	<10	<2	<1	<1	<5
	3/6/2014	94.38	3.95	ND	ND	90.43	<1	<1	1.97	<3	1.97	<1	<10	<2	<1	<1	<5
	6/12/2014	94.38	5.88	ND	ND	88.50	<1	<1	11.9	30.2	42.1	1.98	<10	<2	<1	<1	<5
	9/19/2014	94.38	14.89	ND	ND	79.49	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	11/13/2014	94.38	11.54	ND	ND	82.84	<1	1.35	<1	<2	1.35	<1	<10	<2	<1	<1	<5
	3/25/2015	94.38	4.68	ND	ND	89.70	<1	<1	2.59	<2	2.59	1.29	<10	<2	<1	<1	<5
	6/25/2015	94.38	3.94	ND	ND	90.44	<1	<1	<1	<3	BRL	8.19	28.6	<2	<1	<1	<5
	7/29/2015	94.38	7.66	ND	ND	86.72	<1	<1	16.9	32.4	49.3	3.22	<10	<2	<1	<1	**5.68**
	10/29/2015	94.38	8.89	ND	ND	85.49	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	2/10/2016	94.38	2.29	ND	ND	92.09	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/9/2016	94.38	4.59	ND	ND	89.79	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/16/2016	94.38	14.08	ND	ND	80.30	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	11/9/2016	94.38	16.71	ND	ND	77.67	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	3/7/2017	94.38	11.75	ND	ND	82.63	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	5/1/2017	94.38	5.55	ND	ND	88.83	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
MW-14	6/1/2005	93.10	11.90	ND	ND	81.20	**456**	51.1	50.8	144	702	**102**	<50	NA	NA	NA	NA
	12/7/2005	93.10	11.58	ND	ND	81.52	<1	5.3	<1	<1	5.3	<1	<25	NA	NA	NA	NA
	5/24/2006	93.10	12.88	ND	ND	80.22	**66.7**	14.8	23.5	86.1	191.1	**25.9**	23.2 J	NA	NA	NA	NA
	11/7/2006	93.10	8.87	ND	ND	84.23	**62.9**	3.1	8.8	35.9	110.7	**28.5**	24.4 J	NA	NA	NA	NA
	6/21/2007	93.10	12.69	ND	ND	80.41	**580**	75.8	87.3	225	968	**142**	141	NA	NA	NA	NA

See Notes on Page 13.

Table 2
Groundwater Monitoring and Analytical Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Gauging Data					Analytical Data										
		Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	t-Butyl Alcohol	di-Isopropyl Ether	ETBE	TAME	Naphthalene
					MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-14 (cont.)	12/11/2007	93.10	10.25	ND	ND	82.85	<1	0.31 J	2.9	9.5	12.7 J	<1	<25	NA	NA	NA	NA
	3/24/2008	93.10	8.40	ND	ND	84.70	4.7	0.41 J	0.47 J	1	7 J	5.3	<25	NA	NA	NA	NA
	6/29/2008	93.10	12.50	ND	ND	80.60	**27.0**	2.8	1.7	19.8	51.3	**32.5**	11.3 J	<5	<5	<5	**2.9 J**
	8/14/2008	93.10	14.52	ND	ND	78.58	**104**	0.33 J	1.3	11.5	117 J	**61.7**	42.2	0.80 J	<5	<5	**15.9**
	11/20/2008	93.10	12.32	ND	ND	80.78	0.72 J	<1	<1	<1	0.72 J	2.4	<25	<5	<5	<5	<5
	2/11/2009	93.10	10.33	ND	ND	82.77	**19.8**	1.1	1.2	2.7	24.8	18.2	11.3 J	<5	<5	<5	**1.5 J**
	4/21/2009	93.10	7.85	ND	ND	85.25	2.0	<1	<1	<1	2.0	3.6	<25	<5	<5	<5	<5
	7/31/2009	93.10	13.09	ND	ND	80.01	**109**	4.9	1.7	33.1	149	**69.6**	44.2	1.1 J	<5	<5	**11.2**
	10/13/2009	93.10	11.37	ND	ND	81.73	**41.7**	4.4	<1	7.3	53.4	**23.7**	17.1 J	0.38 J	<5	<5	**6.0**
	10/27/2009	93.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/12/2010	93.10	8.54	ND	ND	84.56	<1	<1	<1	<1	BRL	7.1	<25	<5	<5	<5	<5
	4/21/2010	93.10	5.98	ND	ND	87.12	**45**	10.1	9.0	38.0	102.1	**39.6**	21.4 J	0.57 J	<5	<5	**10.4**
	7/22/2010	93.10	15.94	ND	ND	77.16	**118**	0.61 J	0.90 J	20.4	140 J	**109**	100	1.9 J	<5	<5	**28.8**
	11/23/2010	93.10	17.50	ND	ND	75.60	<1	0.50 J	0.54 J	0.27 J	1.31 J	<1	<25	<5	<5	<5	**1.6 J**
	3/2/2011	93.10	7.59	ND	ND	85.51	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	5/19/2011	93.10	9.91	ND	ND	83.19	**28.1**	17.9	22.4	62.7	131	**49.4**	<20	<1	<1	<1	**8.02**
	7/12/2011	93.10	13.98	ND	ND	79.12	**161 [151]**	<1 [<1]	11.5 [9.9]	61.9 [52.7]	234.4 [213.6]	**79.1 [78.4]**	31.7 [31.1]	<1 [<1]	<1 [<1]	1.29 [1.27]	**42.2 [35.7]**
	10/24/2011	93.10	9.91	ND	ND	83.19	**14.6 [13.3]**	<1 [<1]	<1 [<1]	4.11 [3.67]	18.71 [16.97]	14.1 [13]	<10 [<10]	<1 [<1]	<1 [<1]	<1 [<1]	<5 [<5]
	2/8/2012	93.10	9.09	ND	ND	84.01	**9.79**	<1	<1	6.09	16	17.4	<10	<1	<1	<1	<5
	5/22/2012	93.10	15.07	ND	ND	78.03	**22.4**	<1	<1	<3	22.4	**65.1**	13	<1	<1	<1	**7.29**
	8/14/2012	93.10	18.05	ND	ND	75.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/4/2012	93.10	Dry	ND	ND	Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/22/2013	93.10	9.57	ND	ND	83.53	<1	1.32	3.46	12.2	16.98	<1	<10	<2	<1	<1	<5
	5/1/2013	93.10	10.82	ND	ND	82.28	<1	<1	<1	<3	BRL	5.7	<10	<2	<1	<1	<5
	8/6/2013	93.10	7.67	ND	ND	85.43	2.4	<1	<1	8.29	10.69	10.1	<10	<2	<1	<1	<5
	10/3/2013	93.10	11.24	ND	ND	81.86	**10.6**	<1	<1	2.58	13.18	**24.9**	<10	<2	<1	<1	**9.44**
	3/6/2014	93.10	7.26	ND	ND	85.84	<1	<1	<1	<3	BRL	1.15	<10	<2	<1	<1	<5
	6/12/2014	93.10	9.68	ND	ND	83.42	**31.2**	5.76	9.49	41.8	88.25	**41.7**	20.7	<2	<1	<1	**15.3**
	9/19/2014	93.10	16.21	ND	ND	76.89	**22.3**	<1	<1	2.93	25.23	**39.0**	10.3	<2	<1	1.12	**7.41**
	11/13/2014	93.10	12.59	ND	ND	80.51	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	3/25/2015	93.10	7.83	ND	ND	85.27	1.09	<1	<1	<2	1.09	3.69	<10	<2	<1	<1	<5
	6/25/2015	93.10	7.16	ND	ND	85.94	<1	<1	<1	<3	BRL	1.11	<10	<2	<1	<1	<5
	7/29/2015	93.10	9.53	ND	ND	83.57	4.21	<1	<1	<3	4.21	5.88	<10	<2	<1	<1	<5
	10/29/2015	93.10	9.30	ND	ND	83.80	<1	<1	<1	<3	BRL	1.43	<10	<2	<1	<1	<5
	2/10/2016	93.10	4.78	ND	ND	88.32	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/9/2016	93.10	9.00	ND	ND	84.10	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/16/2016	93.10	15.00	ND	ND	78.10	<1.00	8.62	<1.00	<3.00	8.62	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	11/9/2016	93.10	17.25	ND	ND	75.85	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	3/7/2017	93.10	12.32	ND	ND	80.78	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	5/1/2017	93.10	9.39	ND	ND	83.71	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
MW-15	6/1/2005	92.40	8.31	ND	ND	84.09	1.6	<1	0.87 J	2.3	4.8 J	<1	<25	NA	NA	NA	NA
	12/7/2005	92.40	6.02	ND	ND	86.38	<1	<1	<1	<1	BRL	<1	<25	NA	NA	NA	NA
	5/24/2006	92.40	8.51	ND	ND	83.89	0.68 J	8.5	15.8	51.7	76.7 J	<1	<25	NA	NA	NA	NA
	11/7/2006	92.40	5.32	ND	ND	87.08	<1	2.7	10.7	31.9	45.3	<1	<25	NA	NA	NA	NA
	6/21/2007	92.40	11.29	ND	ND	81.11	1.8	5.0	11.6	35.5	53.9	<1	<25	NA	NA	NA	NA
	12/11/2007	92.40	7.31	ND	ND	85.09	<1	<1	1.6	5.3	6.9	<1	<25	NA	NA	NA	NA
	3/24/2008	92.40	5.22	ND	ND	87.18	0.78 J	<1	<1	<1	0.78 J	<1	<25	NA	NA	NA	NA
	6/29/2008	92.40	7.79	ND	ND	84.61	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	8/14/2008	92.40	9.00	ND	ND	83.40	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	11/20/2008	92.40	4.84	ND	ND	87.56	1.2	<1	<1	<1	1.2	<1	<25	<5	<5	<5	<5

See Notes on Page 13.

Table 2
Groundwater Monitoring and Analytical Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Gauging Data					Analytical Data										
		Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	t-Butyl Alcohol	di-Isopropyl Ether	ETBE	TAME	Naphthalene
					MEAT Groundwater Standard:		**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-15 (cont.)	2/11/2009	92.40	6.66	ND	ND	85.74	2.3	<1	0.63 J	0.65 J	3.6 J	<1	<25	<5	<5	<5	**2.0 J**
	4/21/2009	92.40	1.90	ND	ND	90.50	0.60 J	<1	<1	<1	0.60 J	1.1	<25	<5	<5	<5	<5
	7/31/2009	92.40	8.55	ND	ND	83.85	0.55 J	4.7	1.5	4.6	11.4 J	<1	<25	<5	<5	<5	<5
	10/13/2009	92.40	7.90	ND	ND	84.50	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	10/27/2009	92.40	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/12/2010	92.40	5.21	ND	ND	87.19	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	4/21/2010	92.40	5.88	ND	ND	86.52	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	7/22/2010	92.40	10.31	ND	ND	82.09	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	11/23/2010	92.40	11.14	ND	ND	81.26	1.7	<1	0.34 J	0.27 J	2.3 J	<1	<25	<5	<5	<5	<5
	3/2/2011	92.40	3.94	ND	ND	88.46	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	5/19/2011	92.40	6.56	ND	ND	85.84	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	7/12/2011	92.40	8.88	ND	ND	83.52	1.4	<1	<1	<3	1.4	<1	<20	<1	<1	<1	<5
	10/24/2011	92.40	6.76	ND	ND	85.64	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	2/8/2012	92.40	7.45	ND	ND	84.95	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	5/22/2012	92.40	9.45	ND	ND	82.95	1.89	<1	<1	<3	1.89	<1	<10	<1	<1	<1	<5
	8/14/2012	92.40	11.82	ND	ND	80.58	4.05	<1	1.88	<3	5.93	<1	<10	<2	<1	<1	<5
	10/4/2012	92.40	13.96	ND	ND	78.44	**10.5**	<1	8.57	<3	19.07	<1	<10	<2	<1	<1	<5
	2/22/2013	92.40	6.10	ND	ND	86.30	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/1/2013	92.40	7.11	ND	ND	85.29	<1	1.04	2.47	7.96	11.47	<1	15.5	<2	<1	<1	<5
	8/6/2013	92.40	4.15	ND	ND	88.25	<1	<1	1	2.97	3.97	<1	<10	<2	<1	<1	**5.86**
	10/3/2013	92.40	7.41	ND	ND	84.99	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	3/6/2014	92.40	4.46	ND	ND	87.94	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	6/12/2014	92.40	6.78	ND	ND	85.62	1.78	<1	<1	<2	1.78	<1	<10	<2	<1	<1	<5
	9/19/2014	92.40	10.42	ND	ND	81.98	**5.75**	<1	1.53	<2	7.28	<1	<10	<2	<1	<1	**5.79**
	11/13/2014	92.40	8.89	ND	ND	83.51	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	3/25/2015	92.40	4.86	ND	ND	87.54	<1	<1	<1	2.09	2.09	<1	<10	<2	<1	<1	<5
	6/25/2015	92.40	3.78	ND	ND	88.62	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	7/29/2015	92.40	6.74	ND	ND	85.66	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	10/29/2015	92.40	9.24	ND	ND	83.16	1.96	<1	<1	<3	1.96	<1	<10	<2	<1	<1	<5
	2/10/2016	92.40	3.94	ND	ND	88.46	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/9/2016	92.40	5.72	ND	ND	86.68	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/16/2016	92.40	9.87	ND	ND	82.53	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	11/8/2016	92.40	11.11	ND	ND	81.29	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	3/7/2017	92.40	8.15	ND	ND	84.25	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	5/1/2017	92.40	5.91	ND	ND	86.49	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
MW-16	6/1/2005	90.30	7.42	ND	ND	82.88	<1	<1	<1	<1	BRL	<1	<25	NA	NA	NA	NA
	12/7/2005	90.30	6.12	ND	ND	84.18	<1	<1	<1	<1	BRL	<1	<25	NA	NA	NA	NA
	5/24/2006	90.30	7.50	ND	ND	82.80	<1	2.0	6.0	31.6	39.6	<1	<25	NA	NA	NA	NA
	11/7/2006	90.30	5.16	ND	ND	85.14	0.51 J	4.7	17.8	51.1	74.1 J	<1	<25	NA	NA	NA	NA
	6/21/2007	90.30	8.50	ND	ND	81.80	<1	9.8	19.8	61.8	91.4	<1	<25	NA	NA	NA	NA
	12/11/2007	90.30	5.84	ND	ND	84.46	<1	<1	1.0	3.3	4.3	<1	<25	NA	NA	NA	NA
	3/24/2008	90.30	5.13	ND	ND	85.17	<1	<1	<1	<1	BRL	<1	<25	NA	NA	NA	NA
	6/29/2008	90.30	7.19	ND	ND	83.11	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	8/14/2008	90.30	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/20/2008	90.30	9.43	ND	ND	80.87	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	2/11/2009	90.30	6.05	ND	ND	84.25	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	4/21/2009	90.30	4.15	ND	ND	86.15	<1	<1	<1	<1	BRL	0.54 J	<25	<5	<5	<5	<5
	7/31/2009	90.30	6.50	ND	ND	83.80	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	10/13/2009	90.30	5.15	ND	ND	85.15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	90.30	3.95	ND	ND	86.35	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5

See Notes on Page 13.

Table 2
Groundwater Monitoring and Analytical Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Gauging Data					Analytical Data										
		Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	t-Butyl Alcohol	di-Isopropyl Ether	ETBE	TAME	Naphthalene
					MEAT Groundwater Standard:		5.0	1,000	700	10,000	--	20	--	--	--	--	0.7
MW-16 (cont.)	1/12/2010	90.30	5.16	ND	ND	85.14	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	4/21/2010	90.30	4.96	ND	ND	85.34	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	7/22/2010	90.30	8.49	ND	ND	81.81	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	11/23/2010	90.30	7.49	ND	ND	82.81	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	3/2/2011	90.30	4.89	ND	ND	85.41	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	5/19/2011	90.30	5.36	ND	ND	84.94	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	7/12/2011	90.30	8.84	ND	ND	81.46	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	10/24/2011	90.30	5.48	ND	ND	84.82	<1	<1	1.3	4.55	BRL	<1	<10	<1	<1	<1	<5
	2/8/2012	90.30	5.41	ND	ND	84.89	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	5/22/2012	90.30	8.83	ND	ND	81.47	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	8/14/2012	90.30	11.87	ND	ND	78.43	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	10/4/2012	90.30	10.99	ND	ND	79.31	<1	<1	1.09	<3	1.09	<1	<10	<2	<1	<1	<5
	2/22/2013	90.30	5.70	ND	ND	84.60	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/1/2013	90.30	5.94	ND	ND	84.36	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/6/2013	90.30	4.56	ND	ND	85.74	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	10/3/2013	90.30	6.01	ND	ND	84.29	<1	<1	1.12	3.11	4.23	<1	<10	<2	<1	<1	<5
	3/6/2014	90.30	4.83	ND	ND	85.47	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	6/12/2014	90.30	5.65	ND	ND	84.65	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	9/19/2014	90.30	10.90	ND	ND	79.40	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	11/13/2014	90.30	8.55	ND	ND	81.75	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	3/25/2015	90.30	5.22	ND	ND	85.08	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	6/25/2015	90.30	5.07	ND	ND	85.23	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	7/29/2015	90.30	6.17	ND	ND	84.13	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	10/29/2015	90.30	8.36	ND	ND	81.94	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	2/10/2016	90.30	4.90	ND	ND	85.40	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/9/2016	90.30	6.05	ND	ND	84.25	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/16/2016	90.30	11.01	ND	ND	79.29	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	11/8/2016	90.30	10.05	ND	ND	80.25	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	3/7/2017	90.30	8.34	ND	ND	81.96	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	5/1/2017	90.30	5.81	ND	ND	84.49	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
INJ-1	2/22/2013	100.49	6.52	ND	ND	93.97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/1/2013	100.49	NM	ND	ND	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/6/2013	100.49	NM	ND	ND	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/3/2013	100.49	7.01	ND	ND	93.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/6/2014	100.49	3.63	ND	ND	96.86	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/12/2014	100.49	5.41	ND	ND	95.08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/18/2014	100.49	10.80	ND	ND	89.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/13/2014	100.49	9.47	ND	ND	91.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/25/2015	100.49	4.19	ND	ND	96.30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/25/2015	100.49	4.65	ND	ND	95.84	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2015	100.49	5.91	ND	ND	94.58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2015	100.49	8.97	ND	ND	91.52	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/10/2016	100.49	3.69	ND	ND	96.80	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/9/2016	100.49	6.06	ND	ND	94.43	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/16/2016	100.49	10.21	ND	ND	90.28	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/8/2016	100.49	12.03	ND	ND	88.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
INJ-2	2/22/2013	101.50	4.60	ND	ND	96.90	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/1/2013	101.50	NM	ND	ND	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/6/2013	101.50	NM	ND	ND	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/3/2013	101.50	3.38	ND	ND	98.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

See Notes on Page 13.

Table 2
Groundwater Monitoring and Analytical Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Gauging Data					Analytical Data										
		Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	t-Butyl Alcohol	di-Isopropyl Ether	ETBE	TAME	Naphthalene
MEAT Groundwater Standard:							**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
INJ-2 (cont.)	3/6/2014	101.50	3.04	ND	ND	98.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/12/2014	101.50	3.01	ND	ND	98.49	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/18/2014	101.50	4.44	ND	ND	97.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/13/2014	101.50	3.52	ND	ND	97.98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/25/2015	101.50	2.95	ND	ND	98.55	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/25/2015	101.50	2.81	ND	ND	98.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2015	101.50	3.15	ND	ND	98.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2015	101.50	3.23	ND	ND	98.27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/10/2016	101.50	2.80	ND	ND	98.70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/9/2016	101.50	2.94	ND	ND	98.56	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/16/2016	101.50	4.27	ND	ND	97.23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/8/2016	101.50	4.92	ND	ND	96.58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
INJ-3	2/22/2013	100.49	4.10	ND	ND	96.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/1/2013	100.49	NM	ND	ND	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/6/2013	100.49	NM	ND	ND	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/3/2013	100.49	4.41	ND	ND	96.08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/6/2014	100.49	3.57	ND	ND	96.92	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/12/2014	100.49	3.74	ND	ND	96.75	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/18/2014	100.49	5.81	ND	ND	94.68	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/13/2014	100.49	4.77	ND	ND	95.72	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/25/2015	100.49	3.70	ND	ND	96.79	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/25/2015	100.49	3.65	ND	ND	96.84	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2015	100.49	4.16	ND	ND	96.33	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2015	100.49	3.45	ND	ND	97.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/10/2016	100.49	3.03	ND	ND	97.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/9/2016	100.49	3.78	ND	ND	96.71	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/16/2016	100.49	5.31	ND	ND	95.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/8/2016	100.49	6.40	ND	ND	94.09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Carbon	12/6/2023	100.49	0.00	ND	ND	100.49	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50 cn

Notes:

1. All concentrations are reported in micrograms per liter (µg/L).
2. Bold Concentrations exceed the MEAT (Maryland Environmental Assessment Technology) Groundwater Standard.
3. Values listed inside brackets are duplicate sample results.
4. Groundwater elevation is calculated in the presence of PSH by the following formula: (Top of Casing - Depth to Water) + (Thickness of PSH * Specific Gravity) where specific gravity of PSH is assumed to be 0.73.

Definitions:

--: No Standard exists
<: Not detected at or above the listed laboratory reporting limit
AMSL: Above Mean Sea Level
BRL: Below laboratory reporting limits
BTEX: Benzene, toluene, ethylbenzene, and total xylenes
BTOC: Below Top of Casing
DIPE: Di-Isopropyl Ether
ETBE: Ethyl Tertiary Butyl Ether
F1: Matrix spike and/or Matrix Spike Duplicate are outside of recovery limits
F2: Matrix spike and/or Matrix Spike Duplicate exceed control limits
cn: Refer to Case Narrative for further detail
TAME: Tertiary Amyl Methyl Ether
J: Indicates an estimated value
MTBE: Methyl Tert Butyl Ether
NA: Not Analyzed
ND: Not Detected
NM: Not Measured
NS: Not Sampled
PSH: Phase Separated Hydrocarbons
*3: retention time outside acceptable range

Table 3
Monitored Natural Attenuation Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Laboratory Analytical				Field Parameters				
		Sulfate (mg/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	Nitrate/Nitrite (mg/L)	pH (s.u.)	Conductivity (mS/cm)	Temperature (°C)	DO (mg/L)	ORP (mV)
MEAT Groundwater Standard:		--	***2,600***	--	--	--	--	--	--	--
MW-1A	2/22/2013	NS	NS	NS	NS	6.42	0.236	12.22	0.69	-38
	5/1/2013	NS	NS	NS	NS	6.15	0.226	14.17	0.25	-27.2
	8/6/2013	NS	Jul-06	NS	NS	5.85	0.232	17.26	1.49	81.9
	10/3/2013	NS	NS	NS	NS	5.48	0.239	19.48	0.82	30.4
	3/6/2014	NS	NS	NS	NS	6.26	0.228	13.22	4.08	-54.2
	6/12/2014	NS	NS	NS	NS	6.00	0.216	14.73	0.33	-10.6
	9/19/2014	<1 [<1]	5.85 [5.35]	4.19 [4.30]	<0.1 [<0.1]	6.06	0.172	18.81	0.28	-139.1
	11/13/2014	<1 [<1]	4.41 [4.47]	3.63 [3.58]	<0.1 [<0.1]	6.10	0.227	19.22	3.04	-17.6
	3/25/2015	<1 [<1]	9.47 [8.89]	1.11 [0.884]	<0.1 [<0.1]	6.03	0.247	11.98	1.06	-61.3
	6/25/2015	<1 [<1]	4.94 [5.43]	3.24 [2.43]	<0.1 [<0.1]	6.04	0.263	17.09	1.19	-44.0
	7/29/2015	<1 {<1]	6.25 [6.31]	4.68 [4.84]	<0.1 [0.1]	11.32	0.245	17.57	0.18	-185.6
	10/29/2015	<1 [<1]	9.38 [9.21]	--	<0.1 [<0.1]	6.38	0.239	19.51	0.45	-233.0
	2/10/2016	1.24 [1.25]	5.64 [5.46]	4.21 [4.70]	<0.10 [<0.10]	5.98	0.167	10.39	1.47	14.5
	5/10/2016	<1 [<1]	6.81 [6.62]	5.17 [5.15]	<0.1 [<0.1]	6.40	0.195	14.32	0.28	-7.8
	8/16/2016	1.73	6.30	1.46	<0.100	6.11	0.241	25.80	0.74	-21.6
	11/8/2016	1.19 F1	4.59	3.79	<0.100	6.14	0.209	17.73	NR	-39.0
	3/7/2017	NS	NS	NS	NS	5.96	0.208	14.36	0.78	-27.0
	5/1/2017	NS	NS	NS	NS	5.59	0.211	15.56	2.00	36.3
	11/30/2017	NS	NS	NS	NS	7.20	0.197	18.60	1.25	-0.7
	2/20/2018	NS	NS	NS	NS	6.49	0.152	12.38	1.67	-15.5
	10/24/2018	NS	NS	NS	NS	6.44	0.265	16.91	2.79	15.8
	2/21/2019	NS	NS	NS	NS	6.01	0.196	14.12	0.75	-6.2
	11/11/2019	NS	NS	NS	NS	6.78	0.250	20.43	1.52	-65.0
	6/23/2020	NS	NS	NS	NS	6.60	0.254	17.80	0.93	-36.9
	11/24/2020	NS	NS	NS	NS	6.50	0.229	17.69	0.74	-138.2
	6/22/2021	NS	NS	NS	NS	6.42	0.195	16.50	1.23	-33.3
	12/13/2021	NS	NS	NS	NS	6.60	0.188	17.24	2.77	-37.0
	6/16/2022	NS	NS	NS	NS	6.41	0.192	16.40	0.71	4.0
	12/14/2022	NS	NS	NS	NS	6.56	0.189	16.18	1.54	-98.4
	6/26/2023	NS	NS	NS	NS	6.56	0.189	16.18	1.54	-98.4
	9/26/2023	NS	NS	NS	NS	6.19	0.191	19.43	2.02	-43
	12/6/2023	NS	NS	NS	NS	6.24	0.180	18.20	1.85	-31.9
MW-2A	2/22/2013	NS	NS	NS	NS	6.49	0.360	12.81	3.42	-49
	5/1/2013	NS	NS	NS	NS	6.49	0.328	14.52	0.29	-100.9
	8/6/2013	NS	NS	NS	NS	6.24	0.349	17.34	0.48	9.8
	10/3/2013	NS	NS	NS	NS	6.22	0.328	20.25	0.24	-63.4
	3/6/2014	NS	NS	NS	NS	6.71	0.334	11.24	4.37	-95.8
	6/12/2014	NS	NS	NS	NS	6.37	0.338	15.45	0.31	-66.5
	9/19/2014	1.76	41.0	5.08	<0.1	6.33	0.319	20.17	0.70	-106.3
	11/13/2014	<1	14.1	5.07	<0.1	6.46	0.369	18.97	3.17	-77.4
	3/25/2015	<1	9.94	1.08	<0.1	6.37	0.315	9.53	2.29	-37.4
	6/25/2015	9,990	11.6	1.46	<0.1	6.28	0.291	20.30	1.59	-52.3
	7/29/2015	<1	13.1	5.26	<0.1	11.39	0.317	18.00	0.24	-180.9
	10/29/2015	<1	18.6	--	<0.1	6.64	0.351	18.87	0.52	-188.7
	2/11/2016	<1.00	10.3	0.125	<0.1	7.85	0.212	8.60	1.17	-74.1
	5/10/2016	<1	18.1	2.29	<0.1	6.52	0.264	14.25	0.39	-28.0
	8/16/2016	<1.00	14.4	0.128	<0.100	5.93	0.272	26.31	0.99	-29.1
	11/8/2016	<1.00	9.23	1.20	<0.100	6.61	0.257	20.85	NR	-75.0
	3/7/2017	NS	NS	NS	NS	6.56	0.303	14.47	1.35	-63.7
	5/1/2017	NS	NS	NS	NS	6.47	0.288	15.64	1.58	-30.8
	11/30/2017	NS	NS	NS	NS	7.29	0.303	18.65	3.87	-13.6
	2/20/2018	NS	NS	NS	NS	6.8	0.216	12.22	1.22	-0.3
	10/24/2018	NS	NS	NS	NS	6.56	0.374	16.75	1.41	-40.7
	2/21/2019	NS	NS	NS	NS	6.47	0.286	13.92	0.74	-34.3
	11/11/2019	NS	NS	NS	NS	6.69	0.328	19.54	2.77	-57.3
	6/23/2020	NS	NS	NS	NS	6.89	0.363	18.90	1.55	-45.9
	11/24/2020	NS	NS	NS	NS	6.63	0.368	17.65	1.34	-130.4
	6/22/2021	NS	NS	NS	NS	6.42	0.304	16.98	1.73	-34.8
	12/13/2021	NS	NS	NS	NS	6.74	0.268	17.00	4.17	-59.9
	6/16/2022	NS	NS	NS	NS	6.82	0.306	16.82	3.36	-31
	12/14/2022	NS	NS	NS	NS	6.80	0.300	15.89	1.80	-118.1
	6/26/2023	NS	NS	NS	NS	6.80	0.300	15.89	1.80	-118.1
	9/26/2023	NS	NS	NS	NS	6.28	0.290	20.27	4.63	-48.0
	12/6/2023	NS	NS	NS	NS	6.43	0.268	17.50	3.17	-47.7
MW-3A	2/22/2013	NS	NS	NS	NS	6.91	0.535	13.68	4.10	152
	5/1/2013	NS	NS	NS	NS	6.79	0.437	14.45	2.39	125.8
	8/6/2013	NS	NS	NS	NS	6.68	0.345	16.84	5.07	273.5
	10/3/2013	NS	NS	NS	NS	4.96	0.309	18.66	0.45	24.7
	3/6/2014	NS	NS	NS	NS	7.34	0.269	14.17	8.89	42.7
	6/12/2014	NS	NS	NS	NS	6.59	0.351	15.14	4.28	56.5
	9/19/2014	38.4	0.855	<0.1	0.246	6.49	0.295	17.48	1.02	93.6
	11/13/2014	43.6	0.217	<0.1	1.34	6.93	0.293	18.72	6.00	-13.7
	3/25/2015	22.0	1.10	<0.1	1.20	7.04	0.357	11.53	7.77	205.9
	6/25/2015	116	0.736	<0.1	0.722	6.78	0.537	18.47	3.81	99.5
	7/29/2015	97.8	3.19	0.127	0.430	7.04	0.533	16.61	1.95	-133.9
	10/29/2015	61.5	8.42	--	0.896	7.20	0.391	18.52	3.52	-141.9
	2/12/2016	21.0	2.22	<0.100	0.952	7.56	0.259	7.97	2.49	36.1
	5/10/2016	31.1	<1	<1	0.883	7.19	0.235	14.92	5.32	200.5
	8/16/2016	67.6	0.141	<0.100	0.294	6.68	0.475	22.66	1.41	70.3
	11/8/2016	35.0	1.230	0.315	<0.100	6.58	0.262	21.35	NR	28.0

See Notes on Page 6.

Table 3
Monitored Natural Attenuation Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Laboratory Analytical				Field Parameters				
		Sulfate (mg/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	Nitrate/Nitrite (mg/L)	pH (s.u.)	Conductivity (mS/cm)	Temperature (°C)	DO (mg/L)	ORP (mV)
MEAT Groundwater Standard:		--	***2,600***	--	--	--	--	--	--	--
MW-3A (cont.)	3/7/2017	NS	NS	NS	NS	6.93	0.219	14.98	4.23	20.1
	5/1/2017	NS	NS	NS	NS	7.07	0.368	16.18	3.68	28.3
	11/30/2017	NS	NS	NS	NS	8.16	0.163	18.03	9.80	27.0
	2/20/2018	NS	NS	NS	NS	7.33	0.187	12.2	7.74	109.6
	10/24/2018	NS	NS	NS	NS	7.13	0.395	17.55	3.35	-9.66
	2/21/2019	NS	NS	NS	NS	7.03	0.217	13.96	5.55	75.5
	11/11/2019	NS	NS	NS	NS	6.62	0.232	19.65	5.33	130.2
	6/23/2020	NS	NS	NS	NS	7.37	0.414	18.39	2.70	103.2
	11/24/2020	NS	NS	NS	NS	7.29	0.182	17.16	5.06	-242.9
	6/22/2021	NS	NS	NS	NS	7.02	0.309	16.77	4.46	73.7
	12/13/2021	NS	NS	NS	NS	7.29	0.252	17.39	3.88	50.4
	6/16/2022	NS	NS	NS	NS	7.46	0.433	17.46	1.18	-32
	12/14/2022	NS	NS	NS	NS	7.47	0.148	16.43	5.35	-121.6
	6/26/2023	NS	NS	NS	NS	7.47	0.148	16.43	5.35	-121.6
	9/26/2023	NS	NS	NS	NS	6.57	0.130	22.68	5.63	263
	12/6/2023	NS	NS	NS	NS	7.03	0.105	16.5	9.29	138
MW-4	6/1/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/7/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/24/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/7/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/21/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/11/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-5A	2/22/2013	NS	NS	NS	NS	6.01	1.11	14.99	3.26	21
	5/1/2013	NS	NS	NS	NS	5.91	0.716	15.26	0.21	-3.7
	8/6/2013	NS	NS	NS	NS	5.73	0.938	17.72	3.07	41.9
	10/3/2013	NS	NS	NS	NS	5.55	0.605	18.95	0.55	45.9
	3/6/2014	NS	NS	NS	NS	6.13	2.081	14.72	2.93	-53.4
	6/12/2014	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/19/2014	<1	8.21	6.39	<0.1	5.68	0.452	20.96	0.25	-53.0
	11/13/2014	1.73	15.2	2.02	<0.1	6.19	0.708	18.52	4.87	-25.8
	3/25/2015	18.9	29.9	16.5	<0.1	5.91	7.116	13.36	1.32	-123.3
	6/25/2015	<1	17.8	9.50	0.310	5.78	2.245	13.07	1.41	-7.2
	7/29/2015	<1	16.6	10.70	<0.1	5.94	2.032	17.71	0.13	6.3
	10/29/2015	<1	10.1	--	<0.1	7.23	0.582	18.58	0.20	-37.4
	2/10/2016	9.25	16.3	14.3	<0.1	6.02	1.614	10	0.79	-2.7
	5/10/2016	<1	14.7	11.9	<0.1	6.09	0.631	16.02	0.23	24.5
	8/16/2016	<1.00	7.53	7.25	<0.100	5.30	0.530	23.08	0.52	72.6
	11/8/2016	<1.00	13.7	12.6	<0.100	5.95	0.483	22.06	NR	12.0
	3/7/2017	NS	NS	NS	NS	6.07	0.625	15.37	1.12	-9.2
	5/1/2017	NS	NS	NS	NS	6.03	0.602	16.68	3.19	40.0
	11/30/2017	NS	NS	NS	NS	7.68	0.494	16.99	4.10	25.4
	2/20/2018	NS	NS	NS	NS	6.05	1.018	15.95	1.12	47.2
	10/24/2018	NS	NS	NS	NS	5.89	0.636	18.11	1.57	42.9
	2/21/2019	NS	NS	NS	NS	5.69	0.946	14.89	0.68	11.7
	11/11/2019	NS	NS	NS	NS	5.75	0.502	20.35	1.06	68.3
	6/23/2020	NS	NS	NS	NS	6.15	0.572	18.57	1.32	39.9
	11/24/2020	NS	NS	NS	NS	6.17	0.547	18.18	3.19	-159.8
	6/22/2021	NS	NS	NS	NS	6.08	0.495	18.35	0.91	-4.5
	12/13/2021	NS	NS	NS	NS	6.23	0.440	17.29	4.19	18.1
	6/16/2022	NS	NS	NS	NS	6.25	0.457	18.69	0.87	17
	12/14/2022	NS	NS	NS	NS	6.42	0.513	15.23	2.18	-103.1
	6/26/2023	NS	NS	NS	NS	6.42	0.513	15.23	2.18	-103.1
	9/26/2023	NS	NS	NS	NS	5.72	0.394	22.83	2.25	57
	12/6/2023	NS	NS	NS	NS	5.97	0.398	17.6	4.65	20.9
MW-8	2/22/2013	NS	NS	NS	NS	6.91	0.665	7.57	8.55	189
	5/1/2013	NS	NS	NS	NS	7.10	0.346	13.93	5.03	83.0
	8/6/2013	NS	NS	NS	NS	7.02	0.361	27.41	5.58	170.7
	10/3/2013	NS	NS	NS	NS	6.78	0.386	24.39	1.14	21.9
	3/6/2014	NS	NS	NS	NS	7.35	0.256	7.11	11.27	22.2
	6/12/2014	NS	NS	NS	NS	6.90	0.327	23.30	4.98	47.9
	9/19/2014	59.5	4.86	<0.1	0.705	7.02	0.328	23.35	1.34	91.4
	11/13/2014	39.6	0.655	<0.1	1.52	7.03	0.264	18.97	7.81	68.5
	3/25/2015	37.3	0.813	<0.1	1.59	7.16	0.281	9.04	8.42	218.1
	6/25/2015	60.6	<0.1	<0.1	1.48	6.83	0.417	26.89	4.62	132.5
	7/29/2015	110	<0.1	<0.1	0.308	7.10	0.598	28.43	0.68	-140.0
	10/29/2015	47.5	2.79	--	1.02	7.33	0.328	20.43	4.16	-169.9
	6/1/2005	NS	NS	NS	NS	--	--	--	--	--
	12/7/2005	NS	NS	NS	NS	--	--	--	--	--
	5/24/2006	NS	NS	NS	NS	--	--	--	--	--
	11/7/2006	NS	NS	NS	NS	--	--	--	--	--
	6/21/2007	NS	NS	NS	NS	--	--	--	--	--
	12/11/2007	NS	NS	NS	NS	--	--	--	--	--
	3/24/2008	NS	NS	NS	NS	--	--	--	--	--
	6/29/2008	NS	NS	NS	NS	--	--	--	--	--
	8/14/2008	NS	NS	NS	NS	--	--	--	--	--
	11/20/2008	NS	NS	NS	NS	--	--	--	--	--
	2/11/2009	NS	NS	NS	NS	--	--	--	--	--
	4/21/2009	NS	NS	NS	NS	--	--	--	--	--
	7/31/2009	NS	NS	NS	NS	--	--	--	--	--
	10/13/2009	NS	NS	NS	NS	--	--	--	--	--

See Notes on Page 6.

Table 3
Monitored Natural Attenuation Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Laboratory Analytical				Field Parameters				
		Sulfate (mg/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	Nitrate/Nitrite (mg/L)	pH (s.u.)	Conductivity (mS/cm)	Temperature (°C)	DO (mg/L)	ORP (mV)
MEAT Groundwater Standard:		--	***2,600***	--	--	--	--	--	--	--
MW-8 (cont.)	10/27/2009	NS	NS	NS	NS	--	--	--	--	--
	1/12/2010	NS	NS	NS	NS	--	--	--	--	--
	4/21/2010	NS	NS	NS	NS	--	--	--	--	--
	7/22/2010	NS	NS	NS	NS	--	--	--	--	--
	11/23/2010	NS	NS	NS	NS	--	--	--	--	--
	3/2/2011	NS	NS	NS	NS	--	--	--	--	--
	5/19/2011	NS	NS	NS	NS	--	--	--	--	--
	7/12/2011	NS	NS	NS	NS	--	--	--	--	--
	10/24/2011	NS	NS	NS	NS	--	--	--	--	--
	2/8/2012	NS	NS	NS	NS	--	--	--	--	--
	5/22/2012	NS	NS	NS	NS	--	--	--	--	--
	8/14/2012	NS	NS	NS	NS	--	--	--	--	--
	10/4/2012	NS	NS	NS	NS	--	--	--	--	--
	2/12/2016	NA	NA	NA	NA	8.74	0.173	8.90	9.26	-1.2
	5/10/2016	5.29	<1	<1	0.761	7.10	0.067	15.37	7.33	215.3
	8/16/2016	70.6	0.127	<0.100	0.509	7.04	0.543	27.85	0.53	50.1
	11/8/2016	30.6	0.130	<0.100	2.12	6.69	0.214	22.94	2.66	49.0
	3/7/2017	NS	NS	NS	NS	7.19	0.224	13.61	7.19	37.6
	5/1/2017	NS	NS	NS	NS	7.13	0.316	17.07	7.63	44.2
	11/30/2017	NS	NS	NS	NS	8.31	0.164	16.95	4.35	30.5
	2/20/2018	NS	NS	NS	NS	7.49	0.201	9.08	8.96	130.7
	10/24/2018	NS	NS	NS	NS	7.17	0.440	18.59	1.86	5.9
	2/21/2019	NS	NS	NS	NS	7.10	0.184	8.96	10	90.4
	11/11/2019	NS	NS	NS	NS	6.98	0.247	20.19	6.90	127.4
	6/23/2020	NS	NS	NS	NS	7.21	0.219	23.19	6.12	106.3
	11/24/2020	NS	NS	NS	NS	7.15	0.217	17.62	3.35	-160.2
	6/22/2021	NS	NS	NS	NS	6.98	0.226	24.12	4.91	24.8
	12/13/2021	NS	NS	NS	NS	7.21	0.204	16.28	5.08	16.8
	6/16/2022	NS	NS	NS	NS	7.26	0.435	24.4	0.64	-70
	12/14/2022	NS	NS	NS	NS	7.14	0.095	11.51	7.39	-125.3
	6/26/2023	NS	NS	NS	NS	7.14	0.095	11.51	7.39	-125.3
	9/26/2023	NS	NS	NS	NS	6.54	0.153	23.13	3.00	171
	12/6/2023	NS	NS	NS	NS	6.40	0.181	15.60	3.60	138.9
MW-10	2/22/2013	NS	NS	NS	NS	6.70	2.82	9.32	3.09	133
	5/1/2013	NS	NS	NS	NS	6.09	4.805	12.34	1.95	89.6
	8/6/2013	NS	NS	NS	NS	5.98	1.692	21.05	0.59	72.0
	10/3/2013	NS	NS	NS	NS	6.20	1.502	21.89	0.21	-3.1
	3/6/2014	NS	NS	NS	NS	5.89	23.39	8.39	2.63	221.0
	6/12/2014	NS	NS	NS	NS	6.43	6.873	18.67	0.66	120.7
	9/19/2014	1,030	4.97	1.82	<0.1	6.21	3.952	21.29	0.51	-5.6
	11/13/2014	41.1	2.13	0.470	0.301	6.36	1.508	17.53	2.05	33.4
	3/25/2015	55.7	2.74	<0.1	0.614	6.16	16.98	6.92	3.80	152.8
	6/25/2015	21.9	1.40	0.595	0.121	6.31	4.989	15.87	1.72	47.6
	7/29/2015	24.5	2.35	1.20	<0.1	6.28	6.968	20.54	0.39	54.5
	10/29/2015	11.8	5.58	--	0.112	7.60	2.695	19.37	1.29	-10.1
	2/10/2016	17.5	5.44	<0.1	0.103	5.94	5.544	8.99	0.65	39.9
	5/10/2016	16.4	4.84	0.21	<1	6.00	6.512	13.34	0.21	87.2
	8/16/2016	3.95	2.24	1.46	<0.100	6.58	5.008	22.43	0.38	-8.0
	11/8/2016	8.43	1.08	0.776	0.185	6.69	0.769	20.24	NR	36.0
	3/7/2017	NS	NS	NS	NS	6.54	2.583	11.89	2.46	-0.4
	5/1/2017	NS	NS	NS	NS	6.34	4.599	14.36	2.98	33.1
	11/30/2017	NS	NS	NS	NS	7.85	3.959	16.76	1.82	20.7
	2/20/2018	NS	NS	NS	NS	6.77	3.125	10.67	2.60	107.3
	10/24/2018	NS	NS	NS	NS	6.71	3.539	18.22	1.10	-18.4
	2/21/2019	NS	NS	NS	NS	6.21	1.898	10.6	4.45	43.9
	11/11/2019	NS	NS	NS	NS	6.44	1.914	19.33	2.55	-18.4
	6/23/2020	NS	NS	NS	NS	6.87	1.243	17.89	1.71	-24.7
	11/24/2020	NS	NS	NS	NS	6.76	0.529	15.45	4.35	-157.1
	6/22/2021	NS	NS	NS	NS	6.56	1.892	18.02	1.32	15.5
	12/13/2021	NS	NS	NS	NS	6.82	0.668	14.95	3.77	23.0
	6/16/2022	NS	NS	NS	NS	6.09	6.56	18.68	1.76	125
	12/14/2022	NS	NS	NS	NS	6.96	0.693	13.88	5.03	-130.5
	6/26/2023	NS	NS	NS	NS	6.96	0.693	13.88	5.03	-130.5
	9/26/2023	NS	NS	NS	NS	6.23	0.424	20.18	1.74	43.0
	12/6/2023	NS	NS	NS	NS	6.85	0.310	15.9	8.18	69.9
MW-11	2/22/2013	NS	NS	NS	NS	6.20	0.202	12.31	1.87	42
	5/1/2013	NS	NS	NS	NS	5.70	0.221	13.28	0.74	58.3
	8/6/2013	NS	NS	NS	NS	5.85	0.176	19.14	1.75	100.2
	10/3/2013	NS	NS	NS	NS	5.72	0.177	21.03	1.00	67.0
	3/6/2014	NS	NS	NS	NS	6.02	2.082	11.57	6.02	39.6
	6/12/2014	NS	NS	NS	NS	6.14	0.593	16.43	4.01	86.4
	9/19/2014	6.27	9.72	7.01	<0.1	5.89	0.626	19.45	0.37	-138.4
	11/13/2014	7.16	76.3	1.20	<0.1	5.97	0.352	18.68	4.29	18.4
	3/25/2015	4.81	12.7	2.99	0.319	5.92	0.257	10.20	4.77	45.6
	6/25/2015	6.85	10.1	3.57	2.26	5.91	0.240	18.52	4.78	88.7
	7/29/2015	6.08	4.94	4.09	0.326	11.43	0.226	18.98	0.58	-200.2
	10/29/2015	5.96	7.52	--	0.205	6.04	0.210	20.10	2.58	-203.9
	6/1/2005	NS	NS	NS	NS	--	--	--	--	--
	12/7/2005	NS	NS	NS	NS	--	--	--	--	--
	5/24/2006	NS	NS	NS	NS	--	--	--	--	--

See Notes on Page 6.

Table 3
Monitored Natural Attenuation Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Laboratory Analytical				Field Parameters				
		Sulfate (mg/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	Nitrate/Nitrite (mg/L)	pH (s.u.)	Conductivity (mS/cm)	Temperature (°C)	DO (mg/L)	ORP (mV)
MEAT Groundwater Standard:		--	***2,600***	--	--	--	--	--	--	--
MW-11 (cont.)	11/7/2006	NS	NS	NS	NS	--	--	--	--	--
	6/21/2007	NS	NS	NS	NS	--	--	--	--	--
	12/11/2007	NS	NS	NS	NS	--	--	--	--	--
	3/24/2008	NS	NS	NS	NS	--	--	--	--	--
	6/29/2008	NS	NS	NS	NS	--	--	--	--	--
	8/14/2008	NS	NS	NS	NS	--	--	--	--	--
	11/20/2008	NS	NS	NS	NS	--	--	--	--	--
	2/11/2009	NS	NS	NS	NS	--	--	--	--	--
	4/21/2009	NS	NS	NS	NS	--	--	--	--	--
	7/31/2009	NS	NS	NS	NS	--	--	--	--	--
	10/13/2009	NS	NS	NS	NS	--	--	--	--	--
	10/27/2009	NS	NS	NS	NS	--	--	--	--	--
	1/12/2010	NS	NS	NS	NS	--	--	--	--	--
	4/21/2010	NS	NS	NS	NS	--	--	--	--	--
	7/22/2010	NS	NS	NS	NS	--	--	--	--	--
	11/23/2010	NS	NS	NS	NS	--	--	--	--	--
	3/2/2011	NS	NS	NS	NS	--	--	--	--	--
	5/19/2011	NS	NS	NS	NS	--	--	--	--	--
	7/12/2011	NS	NS	NS	NS	--	--	--	--	--
	10/24/2011	NS	NS	NS	NS	--	--	--	--	--
	2/8/2012	NS	NS	NS	NS	--	--	--	--	--
	5/22/2012	NS	NS	NS	NS	--	--	--	--	--
	8/14/2012	NS	NS	NS	NS	--	--	--	--	--
	10/4/2012	NS	NS	NS	NS	--	--	--	--	--
	2/1/2016	4.08	3.92	0.557	1.17	6.03	0.238	10.3	8.24	110.8
	5/10/2016	8,260	6.46	0.406	0.992	6.28	0.145	13.88	5.13	142.3
	8/16/2016	5.84	2.13	0.192	0.623	5.27	0.169	23.21	1.60	108.6
	11/8/2016	7.43	4.83	3.55	<0.100	5.80	0.203	15.65	NR	-7.0
	3/7/2017	NS	NS	NS	NS	6.85	0.165	13.68	3.03	10.6
	5/1/2017	NS	NS	NS	NS	6.00	0.137	15.51	5.77	45.2
	11/30/2017	NS	NS	NS	NS	7.58	0.114	16.71	3.51	15.2
	2/20/2018	NS	NS	NS	NS	4.86	0.092	11.78	5.72	137.6
	10/24/2018	NS	NS	NS	NS	6.62	0.15	18.24	3.26	105.3
	2/21/2019	NS	NS	NS	NS	6.22	0.078	12.62	5.54	11.0
	11/11/2019	NS	NS	NS	NS	5.17	0.15	20.43	2.18	133.8
	6/23/2020	NS	NS	NS	NS	6.21	0.126	21.94	4.11	93.6
	11/24/2020	NS	NS	NS	NS	6.29	0.164	18.77	4.88	-151.4
	6/22/2021	NS	NS	NS	NS	5.99	0.204	17.49	3.47	85.2
	12/13/2021	NS	NS	NS	NS	6.26	0.136	16.93	5.18	85.5
	6/16/2022	NS	NS	NS	NS	5.76	0.165	16.49	1.87	170
	12/14/2022	NS	NS	NS	NS	6.31	0.118	15.90	4.80	-99.3
	6/26/2023	NS	NS	NS	NS	6.31	0.118	15.90	4.80	-99.3
	9/26/2023	NS	NS	NS	NS	5.58	0.176	20.31	4.11	253.0
	12/6/2023	NS	NS	NS	NS	5.80	0.113	17.40	6.19	87.4
MW-12	2/22/2013	NS	NS	NS	NS	5.48	0.668	12.76	0.55	148
	5/1/2013	NS	NS	NS	NS	4.73	0.485	13.33	0.84	159.4
	8/6/2013	NS	NS	NS	NS	4.82	0.394	16.42	0.45	162.1
	10/3/2013	NS	NS	NS	NS	4.75	0.287	18.58	0.11	132.8
	3/6/2014	NS	NS	NS	NS	4.68	0.543	12.61	0.39	230.1
	6/12/2014	NS	NS	NS	NS	4.85	0.348	13.60	0.58	170.1
	9/19/2014	21.1	18.4	<0.1	0.155	4.98	0.205	16.90	1.29	-34.4
	11/13/2014	17.1	0.824	0.235	1.29	5.10	0.812	17.94	0.90	227.8
	3/25/2015	15.1	0.667	<0.1	0.624	5.06	0.750	10.71	4.76	231.9
	6/25/2015	19.5	1.78	0.265	0.171	4.95	0.431	14.85	2.49	195.7
	7/29/2015	29.0	0.936	0.151	<0.1	10.92	0.288	15.62	0.09	-183.0
	10/29/2015	16.7	32.4	--	4.59	7.20	0.537	18.63	0.34	-26.7
	2/10/2016	7.00	2.81	0.367	1.16	6.02	0.615	10.37	6.63	91.7
	5/10/2016	18.3	2.74	0.717	0.562	5.35	0.445	13.36	0.32	175.2
	8/16/2016	17.7	1.25	<0.100	<0.100	5.16	0.405	20.97	1.04	127.9
	11/8/2016	10.6	12.2	1.80	0.143	NR	NR	NR	NR	NR
	3/7/2017	NS	NS	NS	NS	5.44	0.902	12.98	3.78	83.1
	5/1/2017	NS	NS	NS	NS	5.22	0.562	14.68	3.92	74.3
MW-13	2/22/2013	NS	NS	NS	NS	6.06	1.59	10.80	6.76	143
	5/1/2013	NS	NS	NS	NS	5.48	2.006	12.97	3.30	121.0
	8/6/2013	NS	NS	NS	NS	5.50	1.611	15.24	1.89	140.7
	10/3/2013	NS	NS	NS	NS	5.23	1.840	17.11	0.17	129.9
	3/6/2014	NS	NS	NS	NS	5.41	3.491	11.71	4.91	169.6
	6/12/2014	NS	NS	NS	NS	5.28	3.730	13.42	0.75	155.0
	9/19/2014	356	26.4	0.189	<0.1	5.33	2.286	15.99	1.31	-36.2
	11/13/2014	27.1	1.85	0.111	0.523	5.49	3.593	16.50	5.45	65.3
	3/25/2015	16.3	1.99	0.762	0.219	5.76	3.890	10.24	4.98	204.9

See Notes on Page 6.

Table 3
Monitored Natural Attenuation Data

Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Laboratory Analytical				Field Parameters				
		Sulfate (mg/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	Nitrate/Nitrite (mg/L)	pH (s.u.)	Conductivity (mS/cm)	Temperature (°C)	DO (mg/L)	ORP (mV)
MEAT Groundwater Standard:		--	***2,600***	--	--	--	--	--	--	--
MW-13 (cont.)	6/25/2015	14.5	3.56	0.606	0.101	5.40	2.329	10.83	1.59	142.3
	7/29/2015	20.6	1.21	0.651	0.151	5.46	3.249	14.99	0.23	140.5
	10/29/2015	18.1	3.63	--	0.413	5.69	1.822	17.54	---	155.4
	2/11/2016	16.1	11.00	4.820	0.237	6.58	0.730	7.75	4.86	58.7
	5/10/2016	16.2	4.46	1.61	0.3	6.15	1.689	13.00	3.46	203.0
	8/16/2016	19.6	6.47	2.61	<0.100	5.92	2.045	18.46	0.87	55.6
	11/9/2016	18.6	12.4	3.85	0.278	5.81	1.730	14.84	NR	104.0
	3/7/2017	NS	NS	NS	NS	6.27	1.608	14.93	7.07	133.5
	5/1/2017	NS	NS	NS	NS	5.68	1.410	13.68	3.71	132.3
MW-14	2/22/2013	NS	NS	NS	NS	6.37	0.816	10.90	8.81	162
	5/1/2013	NS	NS	NS	NS	5.66	1.265	12.97	4.33	107.4
	8/6/2013	NS	NS	NS	NS	5.96	1.005	16.23	2.75	166.6
	10/3/2013	NS	NS	NS	NS	4.32	1.563	17.88	0.28	176.6
	3/6/2014	NS	NS	NS	NS	5.85	2.764	11.77	9.10	172.8
	6/12/2014	NS	NS	NS	NS	5.17	2.267	13.30	1.07	231.8
	9/19/2014	379	139	4.24	<0.1	5.43	2.222	16.40	1.00	-60.3
	11/13/2014	18.6	7.18	0.391	0.443	6.09	2.282	16.94	3.93	34.9
	3/25/2015	12.2	0.860	<0.1	0.255	5.90	2.432	9.35	8.34	118.2
	6/25/2015	8,850	8.73	1.10	0.287	5.14	1.920	11.37	5.11	136.6
	7/29/2015	12.1	13.0	3.85	0.284	5.98	1.763	15.58	1.02	107.7
	10/29/2015	15.7	20.7	--	2.13	6.04	1.066	17.66	----	86.7
	2/11/2016	12.3	5.6	2.34	0.325	6.89	0.587	7.46	----	71.2
	5/10/2016	8.49	11.4	6.60	0.148	5.53	0.852	12.71	6.73	199.0
	8/16/2016	12.3	14.7	12.8	0.931	6.37	0.824	19.08	0.55	18.0
	11/9/2016	13.3	NA	6.3	NA	6.11	0.592	14.62	NR	112.0
	3/7/2017	NS	NS	NS	NS	6.52	0.608	14.07	5.18	104.6
	5/1/2017	NS	NS	NS	NS	6.34	0.741	13.22	7.70	87.5
MW-15	2/22/2013	NS	NS	NS	NS	6.21	0.665	11.47	5.88	202
	5/1/2013	NS	NS	NS	NS	5.62	0.807	12.37	2.98	108.1
	8/6/2013	NS	NS	NS	NS	5.80	0.523	15.35	0.70	75.7
	10/3/2013	NS	NS	NS	NS	3.48	0.609	17.73	0.86	237.0
	3/6/2014	NS	NS	NS	NS	5.77	0.704	11.83	2.83	184.6
	6/12/2014	NS	NS	NS	NS	5.56	0.897	13.00	0.78	231.4
	9/19/2014	232	8.44	<0.1	0.136	5.19	1.243	16.01	1.37	-80.2
	11/13/2014	22.8	5.97	<0.1	0.277	5.35	1.160	15.85	1.97	173.7
	3/25/2015	17.0	4.48	<0.1	0.210	5.86	1.102	10.69	5.58	163.8
	6/25/2015	13.9	2.16	0.286	0.283	5.49	0.893	10.50	1.14	162.2
	7/29/2015	19.4	2.85	<0.1	0.132	5.75	0.932	14.80	1.10	148.9
	10/29/2015	26.7	7.89	--	0.468	5.31	1.099	16.21	4.04	164.4
	2/11/2016	16.2	0.20	<0.100	0.663	6.28	0.546	7.76	6.94	81.8
	5/10/2016	20.0	5.69	2.22	0.276	4.81	0.871	12.25	12.25	234.8
	8/16/2016	26.3	0.803	0.313	<1.00	5.56	1.183	17.48	0.46	102.5
	11/8/2016	21.3	1.16	<0.100	3.45	5.36	0.778	15.67	NR	209
	3/7/2017	NS	NS	NS	NS	5.9	0.709	13.37	2.83	110.3
	5/1/2017	NS	NS	NS	NS	5.88	0.533	13.42	3.91	88.2
MW-16	2/22/2013	NS	NS	NS	NS	5.39	0.351	11.38	4.57	298
	5/1/2013	NS	NS	NS	NS	4.87	0.457	12.01	4.38	128.0
	8/6/2013	NS	NS	NS	NS	4.99	0.207	15.87	1.96	155.3
	10/3/2013	NS	NS	NS	NS	4.73	0.402	18.20	2.06	144.8
	3/6/2014	NS	NS	NS	NS	5.39	0.215	11.43	6.06	212.6
	6/12/2014	NS	NS	NS	NS	4.97	0.360	13.47	0.32	209.7
	9/19/2014	21.5	1.18	<0.1	2.94	4.12	0.377	16.60	1.98	5.5
	11/13/2014	17.8	2.97	<0.1	2.65	4.57	0.338	16.89	1.79	315.6
	3/25/2015	7.46	2.32	<0.1	0.867	5.73	0.239	10.18	7.25	195
	6/25/2015	15.6	2.92	0.390	2.47	4.61	0.395	11.81	2.48	185.5
	7/29/2015	19.4	12.8	0.109	1.85	5.02	0.411	16.07	1.65	186.7
	10/29/2015	27.8	10.4	--	3.16	6.05	0.397	17.49	1.19	13.8
	2/11/2016	10.7	0.2	<0.100	1.53	5.33	0.21	10.57	---	122.7
	5/10/2016	16.6	0.173	<1	1.48	5.09	0.326	13.18	4.80	226.3
	8/16/2016	16.1	<0.100	<0.100	3.00	4.13	0.504	19.28	2.91	199.6
	11/8/2016	28.1	<0.100	<0.100	3.28	4.11	0.434	17.60	NR	300

See Notes on Page 6.

Table 3
Monitored Natural Attenuation Data

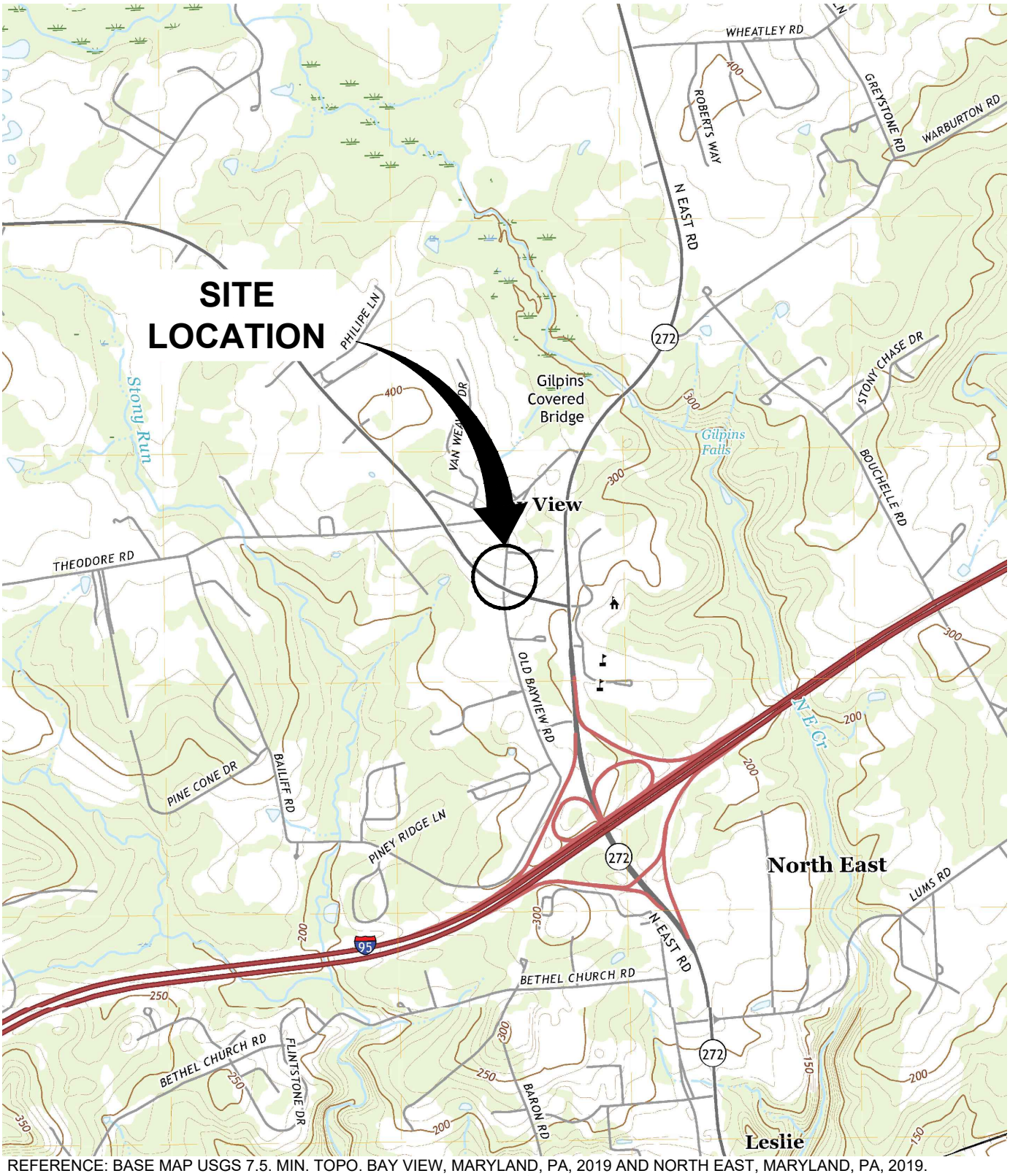
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

Well ID	Date	Laboratory Analytical				Field Parameters				
		Sulfate (mg/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	Nitrate/Nitrite (mg/L)	pH (s.u.)	Conductivity (mS/cm)	Temperature (°C)	DO (mg/L)	ORP (mV)
MEAT Groundwater Standard:		--	***2,600***	--	--	--	--	--	--	--
MW-16	3/7/2017	NS	NS	NS	NS	4.94	0.451	13.70	6.15	143.3
(cont.)	5/1/2017	NS	NS	NS	NS	5.23	0.303	16.64	8.01	86.8

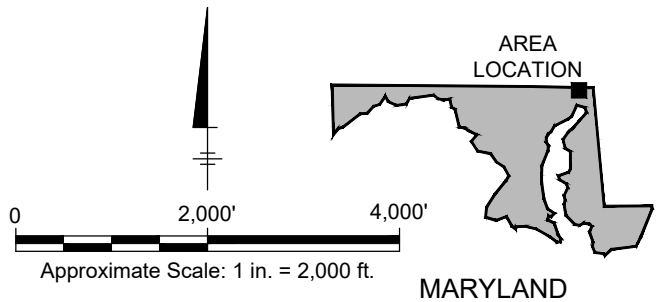
Definitions:

--: No Standard exists
<: Not detected at or above the listed laboratory reporting limit
°C: Degree Celsius
F1: Matrix spike and/or Matrix Spike Duplicate are outside of recovery limits
mg/L: Milligram per Liter
mS/cm: Millisiemens per Centimeter
mV: Millivolt
NA: Not Analyzed
NS: Not sampled
s.u.: Standard Unit
NR: Not Recorded

Figures



REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. BAY VIEW, MARYLAND, PA, 2019 AND NORTH EAST, MARYLAND, PA, 2019.

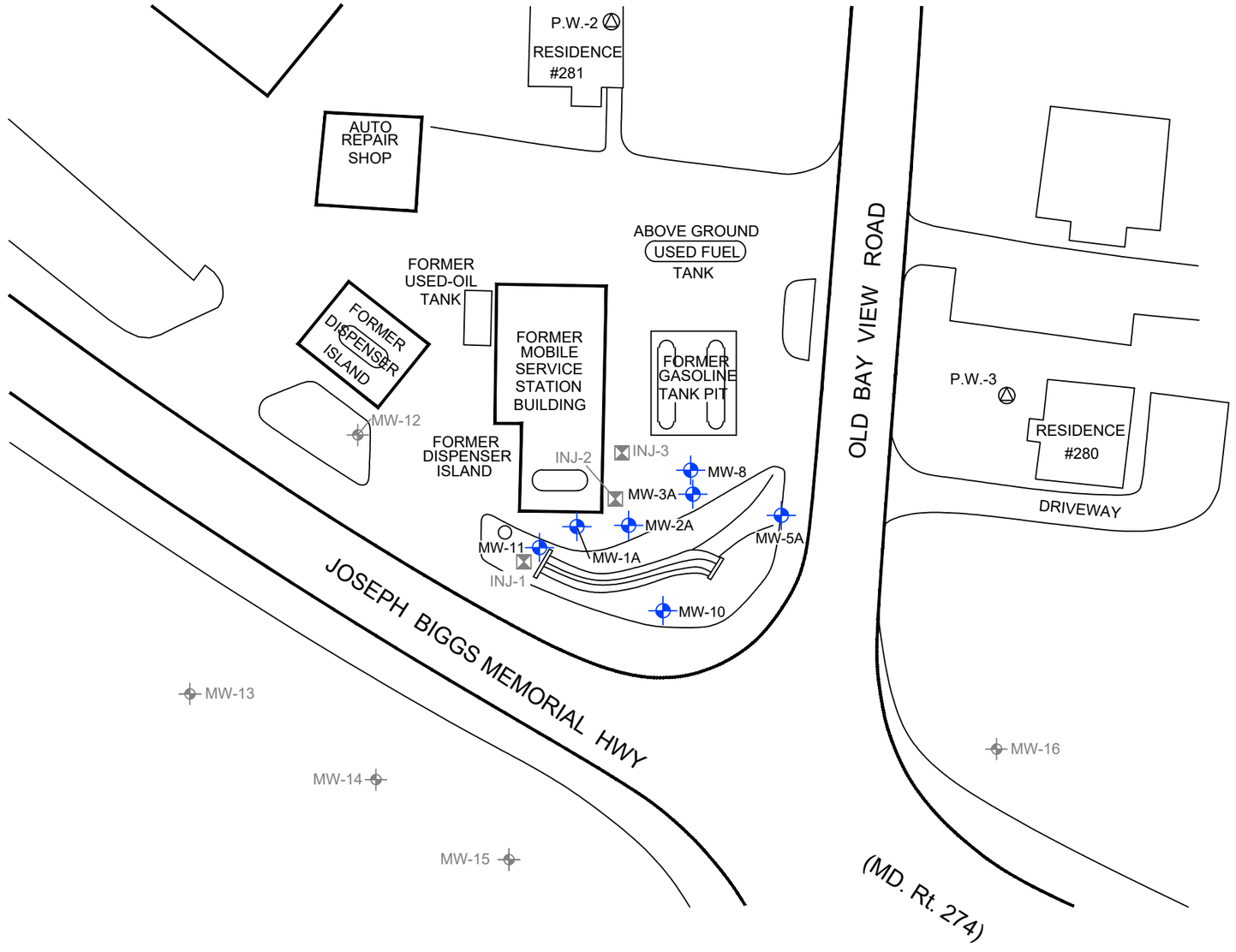


FORMER EXXON FACILITY # 14489
285 OLD BAY VIEW ROAD
NORTH EAST, MARYLAND

SITE LOCATION MAP

ARCADIS

FIGURE 1



LEGEND:

- MONITORING WELL
- POTABLE WELL
- ABANDONED INJECTION WELL
- ABANDONED MONITORING WELL
- INTERCEPTOR TRENCH
- REMEDIATION SYSTEM PIPING

0 40' 80'

Approximate Scale: 1 in. = 40 ft.

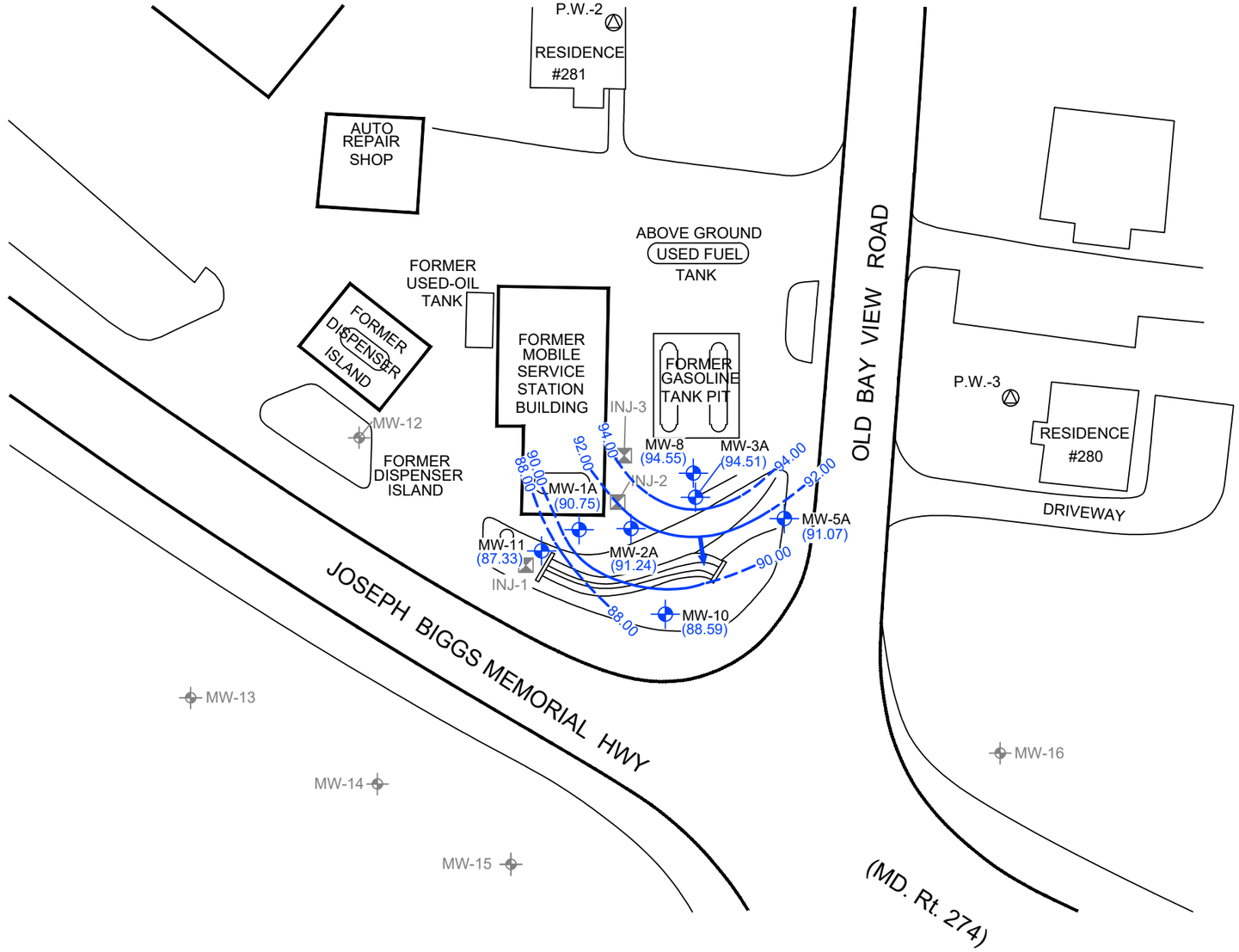
FORMER EXXON FACILITY # 14489
285 OLD BAY VIEW ROAD
NORTH EAST, MARYLAND

SITE MAP

ARCADIS

FIGURE
2

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\vp8717\DC\ACCDocs\Arcadis ACC US\AUS--99999999--XOM_14489_NORTH EAST_MD\Project Files\10_WIP\10T_ARC_ENV\2024\01-DWG\GEN-F02-SITE PLAN.dwg LAYOUT: 2 SAVED: 1/11/2024 2:42 PM ACADVER: 24.3S
(LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 1/11/2024 2:44 PM BY: V, PUSHPANJALI
XREFS: PROJECTNAME: ---



LEGEND:

- MONITORING WELL
- POTABLE WELL
- ABANDONED INJECTION WELL
- ABANDONED MONITORING WELL
- INTERCEPTOR TRENCH
- REMEDIATION SYSTEM PIPING
- 94.00 GROUNDWATER ELEVATION CONTOUR-DASHED WHERE INFERRED (FEET ABOVE MEAN SEA LEVEL)
- (94.55) GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- INFERRED GROUNDWATER FLOW DIRECTION

0 40' 80'

Approximate Scale: 1 in. = 40 ft.

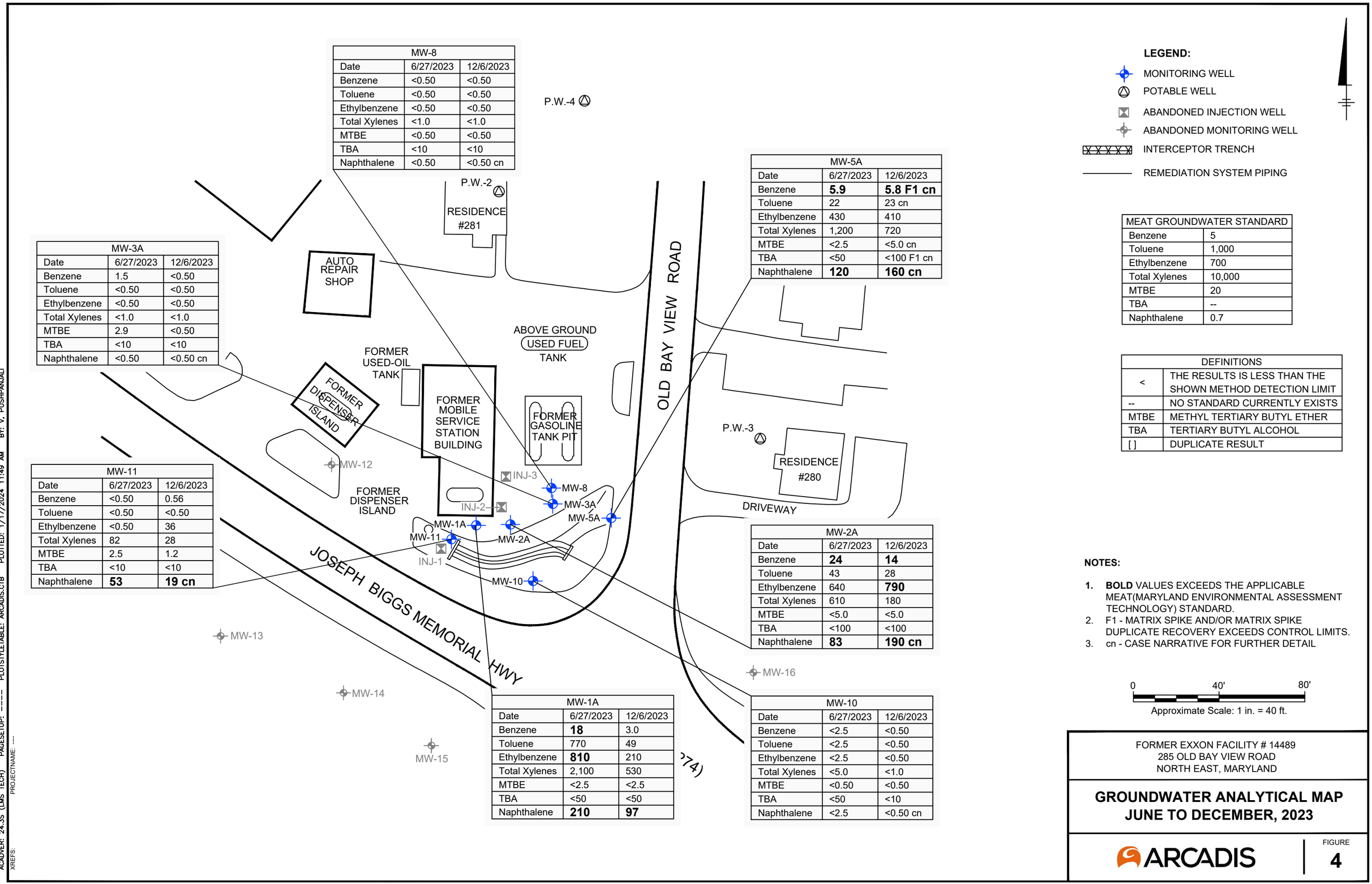
FORMER EXXON FACILITY # 14489
285 OLD BAY VIEW ROAD
NORTH EAST, MARYLAND

GROUNDWATER ELEVATION CONTOUR MAP DECEMBER 6, 2023

ARCADIS

FIGURE 3

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\vp8717\DC\ACCDocs\Arcadis ACC US\AUS-99999999-XOM_14489_NORTH EAST_MD\Project Files\10_WIP\10T_ARC_ENV\2024\01-DWG\GWM-2H2023-F03-GW CONTOURS.dwg LAYOUT: 3 SAVED: 1/17/2024 12:01 PM
ACADVER: 24.3S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 1/17/2024 12:33 PM BY: V, PUSHPANJALI
XREFS: PROJECTNAME: ---



MW-8		
Date	6/27/2023	12/6/2023
Benzene	<0.50	<0.50
Toluene	<0.50	<0.50
Ethylbenzene	<0.50	<0.50
Total Xylenes	<1.0	<1.0
MTBE	<0.50	<0.50
TBA	<10	<10
Naphthalene	<0.50	<0.50 cn

MW-5A		
Date	6/27/2023	12/6/2023
Benzene	**5.9**	**5.8 F1 cn**
Toluene	22	23 cn
Ethylbenzene	430	410
Total Xylenes	1,200	720
MTBE	<2.5	<5.0 cn
TBA	<50	<100 F1 cn
Naphthalene	**120**	**160 cn**

MW-3A		
Date	6/27/2023	12/6/2023
Benzene	1.5	<0.50
Toluene	<0.50	<0.50
Ethylbenzene	<0.50	<0.50
Total Xylenes	<1.0	<1.0
MTBE	2.9	<0.50
TBA	<10	<10
Naphthalene	<0.50	<0.50 cn

MW-11		
Date	6/27/2023	12/6/2023
Benzene	<0.50	0.56
Toluene	<0.50	<0.50
Ethylbenzene	<0.50	36
Total Xylenes	82	28
MTBE	2.5	1.2
TBA	<10	<10
Naphthalene	**53**	**19 cn**

MW-2A		
Date	6/27/2023	12/6/2023
Benzene	**24**	**14**
Toluene	43	28
Ethylbenzene	640	**790**
Total Xylenes	610	180
MTBE	<5.0	<5.0
TBA	<100	<100
Naphthalene	**83**	**190 cn**

MW-1A		
Date	6/27/2023	12/6/2023
Benzene	**18**	3.0
Toluene	770	49
Ethylbenzene	**810**	210
Total Xylenes	2,100	530
MTBE	<2.5	<2.5
TBA	<50	<50
Naphthalene	**210**	**97**

MW-10		
Date	6/27/2023	12/6/2023
Benzene	<2.5	<0.50
Toluene	<2.5	<0.50
Ethylbenzene	<2.5	<0.50
Total Xylenes	<5.0	<1.0
MTBE	<0.50	<0.50
TBA	<50	<10
Naphthalene	<2.5	<0.50 cn

LEGEND:

- MONITORING WELL
- POTABLE WELL
- ABANDONED INJECTION WELL
- ABANDONED MONITORING WELL
- INTERCEPTOR TRENCH
- REMEDIATION SYSTEM PIPING

MEAT GROUNDWATER STANDARD	
Benzene	5
Toluene	1,000
Ethylbenzene	700
Total Xylenes	10,000
MTBE	20
TBA	--
Naphthalene	0.7

DEFINITIONS	
<	THE RESULTS IS LESS THAN THE SHOWN METHOD DETECTION LIMIT
--	NO STANDARD CURRENTLY EXISTS
MTBE	METHYL TERTIARY BUTYL ETHER
TBA	TERTIARY BUTYL ALCOHOL
[ ]	DUPLICATE RESULT

NOTES:

1. **BOLD** VALUES EXCEEDS THE APPLICABLE MEAT(MARYLAND ENVIRONMENTAL ASSESSMENT TECHNOLOGY) STANDARD.
2. F1 - MATRIX SPIKE AND/OR MATRIX SPIKE DUPLICATE RECOVERY EXCEEDS CONTROL LIMITS.
3. cn - CASE NARRATIVE FOR FURTHER DETAIL

0 40' 80'

Approximate Scale: 1 in. = 40 ft.

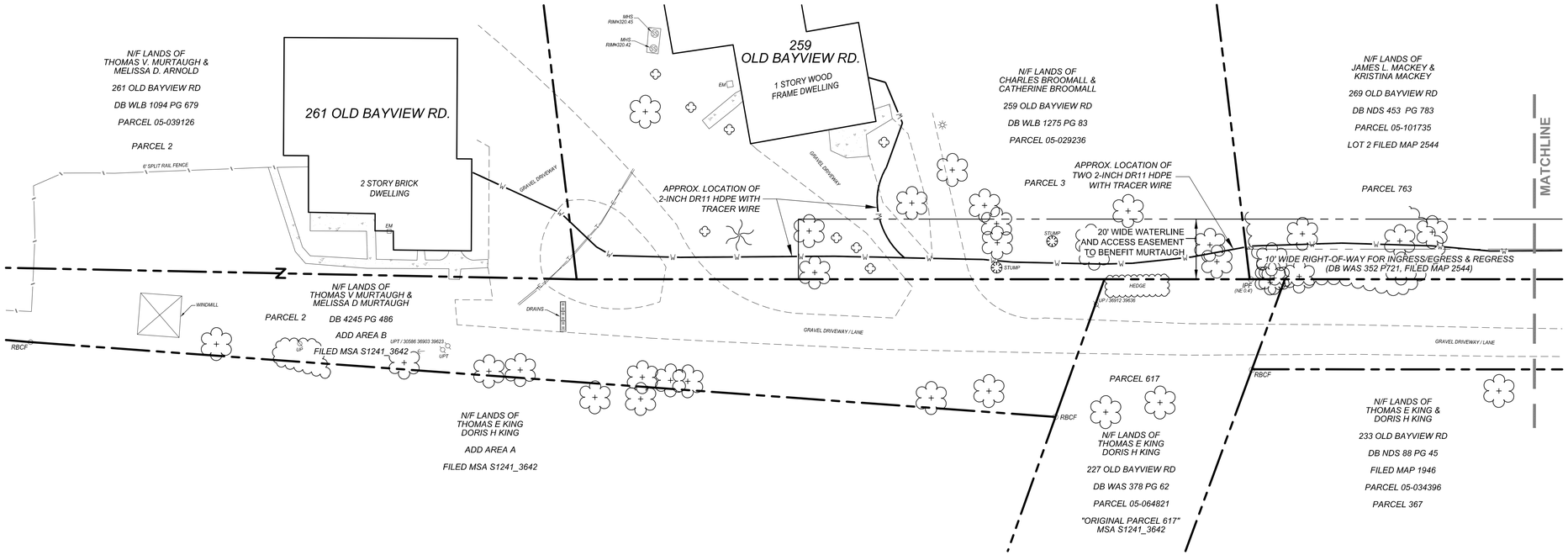
FORMER EXXON FACILITY # 14489
285 OLD BAY VIEW ROAD
NORTH EAST, MARYLAND

GROUNDWATER ANALYTICAL MAP JUNE TO DECEMBER, 2023

ARCADIS

FIGURE 4

CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
C:\Users\vp8717\DC\ACCDocs\Arcadis ACC US\AUS-99999999-XOM_14489_NORTH EAST_MD\Project Files\10_WIP\10T_ARC_ENV\2024\01-DWG\GWM-2H2023-F04-GW ANALYTICAL.dwg LAYOUT: 4 SAVED: 1/17/2024 11:49 AM
ACADVER: 24.3S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 1/17/2024 11:49 AM BY: V. PUSHPANJALI
XREFS: PROJECTNAME: ---



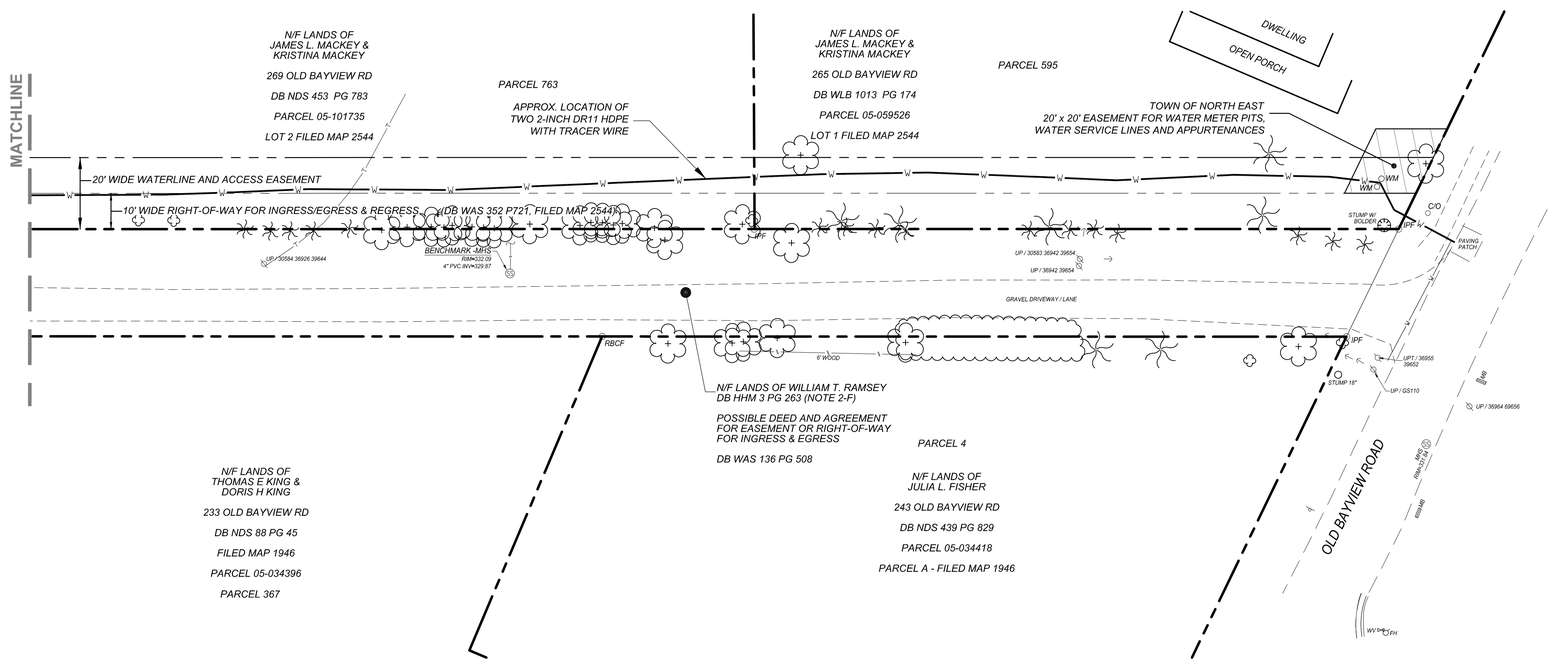
LOCATION MAP

AS TAKEN FROM THE USGS QUADRANGLE
MAP SERIES; BAY VIEW
SCALE: 1" = 2000'

NOTES:

1. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE FOLLOWING SOURCES OF INFORMATION
   - A -DEEDS OF RECORD AS NOTED
   - B -AN ACTUAL FIELD SURVEY PERFORMED BY TAYLOR, WISEMAN & TAYLOR
   - C -PLAN ENTITLED "TOPOGRAPHIC SURVEY, 259, 261 & 265 OLD BAYVIEW ROAD, TOWN OF NORTH EAST," PREPARED BY TAYLOR, WISEMAN & TAYLOR, DATED 2/1/2019, LAST REVISED 8/19/2022.
2. BLOCK AND LOT NUMBERS REFER TO THE OFFICIAL TAX MAPS OF THE CECIL COUNTY, MARYLAND.
3. THE AS-BUILT INFORMATION SHOWN ON THIS PLAN WAS FIELD LOCATED BY TAYLOR, WISEMAN & TAYLOR ON 03/27/2024. SPECIFICS REGARDING THE INSTALLED 2-INCH DR11 HDPE WITH TRACER WIRE IS PER ELLINGSON AS-BUILT NOTES.
4. SURVEY BASED ON MDSPCS NAD '83 (2011). VERTICAL DATUM: NAVD 1988
5. THE LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE. ALL LOCATIONS ILLUSTRATED ARE BASED UPON UTILITY MARKOUT AND ABOVE GROUND STRUCTURES THAT WERE VISIBLE & ACCESSIBLE IN THE FIELD. THE MARYLAND REQUIRES NOTIFICATION PRIOR TO ANY EXCAVATION BY UTILIZING THE MISS UTILITY.

   (WESTERN SHORE): 800-257-7777
   (EASTERN SHORE): 800-441-8355



LEGEND

These standard line types will be found in the drawing.

- BOUNDARY LINE - SUBJECT PROPERTY
- ADJACENT PROPERTY LINES
- EXISTING RIGHT-OF-WAY LINE
- CONTOUR
- INDEX CONTOUR
- FENCELINE (WOOD)
- UNDERGROUND WATERLINE MARK-OUT
- UNDERGROUND COMMUNICATION LINE MARK-OUT
- UNDERGROUND ELECTRIC LINE MARK-OUT
- HEDGE ROW
- BUSH / SHRUB
- CONCRETE AREA
- EM ELECTRIC METER
- FH FIRE HYDRANT
- GUY WIRE
- LIGHT POLE
- MB MAILBOX
- MHS MANHOLE - SANITARY SEWER
- RBCF REBAR WITH CAP FOUND
- TREE (CONIFEROUS)
- TREE (DECIDUOUS)
- UP UTILITY POLE / POLE NUMBER
- UPT UTILITY POLE W/ TRANSFORMER / POLE NUMBER
- WV WATER VALVE
- WM WATER METER
- C/O CLEANOUT

20' 0' 10' 20' 40' 80'

DRWN / CHK	
ASW/JC	
REVISIONS	
NO.	DATE

WATERLINE AS-BUILT PLAN

259 , 261 & 265 OLD BAYVIEW ROAD
TOWN OF NORTH EAST
FIFTH ELECTION DISTRICT
CECIL COUNTY, MARYLAND

Taylor Wiseman & Taylor
ENGINEERS / SURVEYORS / SCIENTISTS
SUBSURFACE UTILITY ENGINEERING
804 EAST GATE DRIVE, SUITE 100, MOUNT LAUREL, NJ 08054
TELEPHONE: (856) 235-7200 FAX: (856) 722-9250
www.taylorwiseman.com
NJ CERTIFICATE OF AUTHORIZATION NO. 24GA28032900

SCALE:	DATE:	DRAWING NO.	SHEET:
1" = 20'	04/01/2024	24-06622-AS-BUILT	1 OF 1

SHEET SIZE: 24" X 36"

User ID: Conlow File: Q:\CAD\06622_Old Bayview\Survey\6000 Old Bayview\Drawings\06622_As-built.dwg ASB

Attachment A

Reduced Sampling Approval letter from the MDE dated May 31, 2017

Maryland
Department of
the Environment

Larry Hogan
Governor

Boyd Rutherford
Lieutenant Governor

Ben Grumbles
Secretary

May 31, 2017

Mr. Alek Heilstedt
ExxonMobil Environmental Services Company
470 Broadway, Suite 352
Bayonne NJ 07002

Mr. Curtis Abrams (Property Owner and Former Operator)
285 Old Bayview Road
North East MD 21901

RE: REDUCED SAMPLING APPROVAL
Case No. 1986-1205-CE
Former Bayview Mobil Service Station #16-G1R
285 Old Bayview Road, North East
Cecil County, Maryland
Facility No. 2615

Dear Sirs:

The Maryland Department of the Environment's (the Department) Oil Control Program recently completed a review of the case file for the above-referenced property, including the *Groundwater Monitoring Report, First Quarter 2017*, dated May 4, 2017. On November 29, 2016, representatives of the Oil Control Program met with you and your consultant to discuss the status of this case.

Currently, there are eight on-site and four off-site monitoring wells. Sampling of the monitoring well network was conducted in March 2017. Samples collected were analyzed for full-suite volatile organic compounds (VOCs), including fuel oxygenates and naphthalene, using EPA Method 8260. The analytical results detected the following petroleum constituents above applicable regulatory standards: benzene ranging from 13.9 to 56 parts per billion (ppb); ethylbenzene ranging from 37.9 to 1,300 ppb; and naphthalene ranging from 8.31 to 351 ppb. Sampling of the off-site residential property water supply wells located at 259 and 261 Bayview Road was conducted in February 2017. The samples were analyzed for full-suite VOCs, including fuel oxygenates and naphthalene, using EPA Method 524.2. All analytical results were below the Department's groundwater standards with the following exception. Methyl tertiary-butyl ether (MTBE) was detected in the water supply well at 259 Bayview Road at a concentration of 48.6 ppb, which exceeds the 20 ppb standard.

The *Groundwater Monitoring Report, First Quarter 2017* proposed the following modified sampling schedule. Monitoring wells MW-1A, MW-2A, MW-3A, MW-5A, MW-8, MW-10, MW-11, and MW-15 are to be sampled on a semi-annual basis for VOCs only. The sampling events will be conducted in February and October of each year. The remaining monitoring wells (MW-12 through MW-16) and injection wells (INJ-1 through INJ-3) will be properly abandoned. Additionally, your consultant will continue to work with the residents at 259 and 261 Bayview Road regarding connection to public water. In the interim, the supply wells will continue to be sampled on a quarterly basis, with continued maintenance of the GAC filtration system at 259 Bayview Road.

Based on our review, the Department approves abandonment of the selected monitoring and injection wells and the reduced sampling regime contingent upon the following modifications:

1) In March 2016, the Department approved the *Site Status Update and Request to Rescind Revised CAP April 2013,* dated January 15, 2016 (copy enclosed). Based on a review of monitored natural attenuation (MNA) and groundwater sampling, the document proposed an additional two years of groundwater sampling (to include MNA), at which point the data will be re-evaluated. At this time, MNA sampling has not been completed for the full two years as proposed. **No later than July 3, 2017**, submit an evaluation and analysis of the time-series geochemical data to ascertain if MNA is occurring in the groundwater and if continued MNA sampling is relevant for this site.

2) The Department approves abandonment of monitoring wells MW-12 through MW-16 and injection wells INJ-1 through INJ-3. The monitoring wells must be abandoned by a Maryland-licensed well driller in accordance with all applicable requirements of Code of Maryland Regulations (COMAR) 26.04.04.34. Provide copies of the required well abandonment reports to both the Oil Control Program (Attn: Ms. Jeannette DeBartolomeo) and the Cecil County Department of Health (Attn: Mr. Fred von Staden) **no later than July 31, 2017**.

3) **Beginning in October 2017**, conduct semi-annual sampling of the monitoring well network. All samples collected must be analyzed for full-suite VOCs, including fuel oxygenates and naphthalene, using EPA Method 8260. The Department approves semi-annual sampling events to be conducted in October and February.

4) Continue sampling of the off-site drinking water supply wells located at 259 and 261 Bayview Road as previously directed unless a public water connection is finalized.

   a. Quarterly (every three months) sampling of both properties and maintenance of the GAC filtration system at 259 Bayview Road.
   b. All samples collected must be analyzed for full-suite VOCs, including fuel oxygenates and naphthalene, using EPA Method 524.2.
   c. Submit copies of all sampling results to the property owner, the Cecil County Health Department, and the Oil Control Program.

5) **No later than 45 days following a sampling event**, the Department expects to receive a report detailing the results of the event. Submit reports to the Oil Control Program in a timely manner detailing the results of the sampling events. Reports are not to be submitted 45 days following receipt of sampling data, as this does not allow the Department to provide timely review and response.

6) When submitting sampling results, include detailed data summary tables and scaled site maps showing actual sampling locations. In the discussion of supplemental sampling events, include details on sampling procedures and describe analytical results in terms of media sampled. Reports must include groundwater surface contours and dissolved phase concentration maps indicating benzene, total BTEX, MTBE, and TPH-GRO concentrations. If liquid phase hydrocarbons (LPH) are encountered, the reports must include LPH thickness map(s) and a summary of LPH recovery volumes.

Notify the Oil Control Program at least five (5) working days prior to beginning any work on or off site. If you have any questions, please contact the case manager, Ms. Jeannette DeBartolomeo, at 410-537-3427 (jeannette.debartolomeo@maryland.gov) or me at 410-537-3499 (susan.bull@maryland.gov).

Sincerely,

Susan R. Bull, Eastern Region Section Head
Remediation and State-Lead Division
Oil Control Program

JD/nln

cc: Mr. Paul Goodell (Arcadis)
Mr. Fred von Staden (Cecil County Health Dept.)
Ms. Melissa B. Cook-MacKenzie (Town of North East)
Mr. Andrew Miller
Mr. Christopher H. Ralston
Ms. Hilary Miller

Attachment B

Monitored Natural Attenuation Evaluation Report dated June 26, 2017

DOCUMENT TRACKING FORM

REPORT NAME: MNA Evaluation Report
SITE NUMBER: Former EM Facility # 14489
TODAY'S DATE: 6.26.17
PROJ. NUMBER: B0085851.0010
SAMPLED DATE:
TASK NUMBER: 7
DATE ANALY REC:
PROJ MANAGER: Paul Goodell
1ST DRAFT DUE DATE:
FINAL DUE DATE:
G-DRIVE LOCATION: pig/EM/MA/MD/14489/Reports/2017
STRATA / SHAREPOINT UPLOAD DATE: N/A

Report Production:

Personnel	Assigned	Assigned Date	Budget	1st Draft Comp	2nd Draft Comp
Author(s):	MS/PG				
Tables:					
Figures:	WB				
Tech Edit:					
Admin:	JPA				
Modeler:					
Engineering:					
PM Review:	Paul Goodell				
PE/PG Review:					

Comments/Delays:

Document Production:

Date and Time Submitted: 6.26.17

DUE DATE "OUT THE DOOR": 6.26.17

(A- Clip) B- Staple C- Three Ring D- Spiral Bound (E- CD) Other:

Copies	Color or BW	Deliver To:	Delivery Carrier by	Date Sent	Tracking Number
Original	3 Color 1 CD	Jeannette DiBartolomeo, MD DEOCP	UPS 2nd Day Air	6.26.17	1Z W8X 252 02
Copy 1	CD	Files #14489			
Copy 2	pdf	Site #14489			
Copy 3	pdf	Alek Heilstedt, EMES			
Copy 4					

Special Instructions:

Final Submittal Review:

Name:
Work Date:
Signature/Date:

Must have manager signature prior to any documents being sent out.

Ms. Jeannette DeBartolomeo
Case Manager
Maryland Department of Environment
Oil Control Program
1800 Washington Boulevard
Baltimore, MD 21230

Arcadis U.S., Inc.
111-D Sanders Lane
Bluefield
Virginia 24605
Tel 276 322 3879
Fax 276 322 3946
www.arcadis.com

ENVIRONMENT

Subject:
Monitored Natural Attenuation Evaluation Report
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Cecil County, Maryland
MDE Case No. 1986-1205-CE

Date:
June 26, 2017

Dear Ms. DeBartolomeo:

On behalf of ExxonMobil Environmental Services Company (EMES), Arcadis U.S., Inc. (Arcadis) is including three paper copies and one electronic copy on the attached CD of the Monitored Natural Attenuation Evaluation Report for the above referenced facility.

Please contact me at (919) 415-2327 with any questions or concerns regarding this submittal.

Sincerely,

Arcadis U.S., Inc.

Paul Goodell, E.I.
AFS Project Manager 5

Copies:

Mr. Alek Heilstedt – ExxonMobil
File – EM #14489

Contact:
Paul Goodell

Phone:
919.415.2327

Email:
Paul.Goodell@Arcadis.com

Our ref:
B0085851.0010

ARCADIS Design & Consultancy for natural and built assets

Susan R. Bull
Remediation and State-Lead Division
Soil Control Program
1800 Washington Boulevard
Baltimore, MD 21230

Arcadis U.S., Inc.
111-D Sanders Lane
Bluefield
Virginia 24605
Tel 276 322 3879
Fax 276 322 3946
www.arcadis.com

Subject:
Monitored Natural Attenuation Evaluation Report
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Cecil County, Maryland
MDE Case No. 1986-1205-CE

ENVIRONMENT

Date:
June 26, 2017

Contact:
Paul Goodell

Phone:
919.415.2327

Email:
Paul.Goodell@arcadis.com

Our ref:
B0085851.0010

Dear Ms. Bull:

On behalf of ExxonMobil Environmental Services Company (EMES), Arcadis U.S., Inc. (Arcadis) has prepared a Monitored Natural Attenuation Evaluation Report (MNA Report) to ascertain prevalence of MNA in the groundwater at Former ExxonMobil Facility #14489 located at 285 Old Bayview Road in North East, Cecil County, Maryland (the Site) as requested in letter correspondence from the Maryland Department of the Environment (MDE) dated May 31, 2017. The May 31, 2017 letter correspondence is included as **Attachment A**. A site location map and site map are included as **Figures 1** and **2**, respectively.

The MNA report includes an analysis of available geochemical data collected since 2013 from groundwater monitoring wells and statistical analysis of select monitoring wells which exceed the Maryland Environmental Assessment Technology Groundwater Standard (MEAT GWS).

GROUNDWATER ANALYTICAL RESULTS

MONITORED NATURAL ATTENUATION EVALUATION

1. Constituent of Concern Data Trends

To evaluate dissolved-phase constituents of concern (COC) concentration trends through time at the site, linear regression trend analysis was performed using all available historical groundwater monitoring data (**Table 1**) leading up to the most recent monitoring event conducted in March 7, 2017. The statistical analysis was

conducted following USEPA (2002, 2009) guidance and the results are summarized in **Table 2** and described below.

Trends were evaluated for monitoring locations where concentrations of COCs exceeded applicable screening levels at any time during the monitoring history since 2005 and met the criteria specified below. For this assessment, the MEAT Standards for Leaking Underground Storage Tanks (LUSTs) to impact groundwater were used as the screening levels for COCs. The relevant standards are 5 micrograms per liter (µg/L) for benzene, 1,000 µg/L for Toluene, 700 µg/L for ethylbenzene, 10,000 µg/L for total xylenes, 20 µg/L for MTBE and 0.7 µg/L for naphthalene. Trends were not evaluated at monitoring locations where any of the following criteria applied:

- Insufficient data are available (less than six data points);
- Greater than 50 percent of the results are below reporting limits;

Monitoring locations that met these criteria were analyzed using historical groundwater data collected at each well since 2005 to assess natural attenuation conditions at the site. Analytical results for other VOCs were below the screening level; therefore, trend analysis was not performed for VOCs other than BTEX, MTBE and naphthalene. Groundwater analytical and monitoring data are summarized in **Table 1**.

Linear regression analyses use natural log normalized concentration data to evaluate trend direction and to estimate attenuation rates for the locations with significant decreasing groundwater concentration trends (USEPA 2002). The p-value of the correlation provides a measure of the significance of the slope, or the correlation between the x and y variables. Correlations were accepted as significant at the 95 percent confidence level, indicated by a p-value of 0.05 or less. The trend direction was defined as decreasing if the slope of the trend line was negative and increasing if the slope of the trend line was positive. Where non-detect results were included in linear regression analyses, the reporting limit was substituted. The coefficient of determination, the R^2 value, is a measure of how well the linear regression fits the data set; values close to one are considered to be a good fit, while values close to zero are considered to be a poor fit. Regressions with non-significant trends and R^2 values of less than 0.1 were considered to have no apparent trend (no trend). The trends for each of the COC that met the evaluation criteria is summarized in **Table 2** and described below.

Benzene:

Statistically significant decreasing trends were observed for all five monitoring wells (MW-1A, MW-2A, MW-5A, MW-11 and MW-14) that met the criteria described above for trend evaluation (**Table 2**). Monitoring wells MW-1A, MW-2A and MW-5A are projected to reach the screening level for benzene by years 2023, 2025 and 2021 respectively. Whereas monitoring wells MW-11 and MW-14 have been in compliance since 2014 and 2012, respectively.

Toluene:

Monitoring well MW-1A was the only monitoring well that met the criteria for statistical evaluation as mentioned above. Statistically significant decreasing trends was observed for toluene concentrations at MW-1A and has been in compliance, since 2013 (**Table 2**).

Ethylbenzene:

Statistically significant decreasing trends were observed for all three monitoring wells (MW-1A, MW-2A and MW-5A) that met the criteria described above for trend evaluation (**Table 2**). Of these, monitoring wells MW-1A and MW-5A had achieved compliance in the year 2014 and 2013 respectively. Monitoring well MW-2A is projected to meet the groundwater standard for ethylbenzene by the year 2021.

MTBE:

Monitoring wells MW-2A, MW-11 and MW-14 met the criteria for statistical evaluation for MTBE (**Table 2**). All three wells demonstrated statistically significant decreasing trends. Monitoring wells MW-11 and MW-14 had reached compliant concentration levels by the year 2013 and 2007 respectively, whereas MW-2A is projected to meet the groundwater standard by the year 2018.

Naphthalene:

Naphthelene concentrations remain much higher than its MEAT GWS (0.7 µg/L) in the monitoring wells showing exceedances. Statistically significant decreasing trends were observed for three of the four monitoring wells (MW-1A, MW-2A, MW-5A and MW-11) that met the criteria described above for trend evaluation (**Table 2**). Monitoring well MW-11 demonstrated decreasing naphthalene concentration trend, but the trend was not statistically significant. Monitoring wells MW-1A, MW-2A and MW-5A were projected to reach the groundwater standard by the years 2066, 2106 and 2130 respectively.

Trend Summary:

Statistical trend evaluation was completed for five monitoring wells. Overall the COC concentration trends showed statistically significant decreasing trends except for naphthalene concentrations at monitoring well MW-11. Given naphthalene concentration exceedances, which remain significantly high in the monitoring wells, the concentration trends can be best described as stable to decreasing.

Benzene and MTBE concentrations at MW-11 had reached MEAT standards since 2014 and 2013 respectively. Benzene and MTBE concentrations at MW-14 had reached MEAT standards since 2012 and 2007 respectively. Two other monitoring wells (MW-1A and MW-5A) met MEAT standards for ethylbenzene by years 2014 and 2013 respectively. Projected years to screening level for naphthalene is much higher suggesting that dissolved naphthalene plume is stable. **Table 2** shows projected years to reach compliance for the remaining well/constituent pairs ranging from 1 to 8 years for benzene, ethylbenzene and MTBE respectively. Linear Regression Plots are included as **Attachment B**.

2. Biogeochemical Natural Attenuation Parameters:

Geochemical indicator parameters monitored at the site provides an additional line of evidence to document favorable groundwater conditions for ongoing attenuation mechanisms and evaluate the potential biodegradation processes that may be occurring within the impacted area.

Many common groundwater COCs, including benzene, can serve as sources of carbon and/or energy for naturally-occurring bacteria, and biodegradation of organic COCs can occur by both aerobic and anaerobic microbial processes. Bacteria obtain energy for cell production and maintenance by facilitating reduction-oxidation (redox) reactions involving the transfer of electrons from electron donors (*i.e.,* the target substrate or COC) to available electron acceptors. In aerobic environments, oxygen serves as the electron acceptor and becomes reduced while the

primary substrate is oxidized. Oxidation of the primary substrate results in its mineralization to carbon dioxide and water. In anaerobic environments, other inorganic compounds act as electron acceptors and become reduced while the primary substrate is oxidized. Anaerobic oxidation processes consume these alternate electron acceptors in the following order of preference: nitrate (nitrate reduction), manganese (manganese [IV] reduction), ferric iron (ferric iron reduction), sulfate (sulfate reduction), and carbon dioxide (methanogenesis). The key bacteria involved in anaerobic oxidation are widely distributed in the natural environment. Denitrifying, iron, and sulfate bacteria use nitrate, oxidized iron and manganese, and sulfate as electron acceptors, and subsequently reduce them to nitrite or nitrogen gas, dissolved (ferrous) iron and manganese, and hydrogen sulfide, respectively. Methanogens use carbon dioxide as an electron acceptor, reducing it to methane.

Monitored natural attenuation (MNA) data collected during monitoring events at the site includes biogeochemical indicators such as sulfate, nitrate, and total iron/ferrous iron and field parameters (pH, conductivity, temperature, dissolved oxygen [DO], and oxygen-reduction potential [ORP]). A summary of the historical analytical results for geochemical indicators is provided in **Table 3**. An evaluation of the MNA data collected most recently in November 2016 except DO (last measured in August 2016) is described below:

Oxygen

DO concentrations greater than 1.0 mg/L are generally conducive to aerobic biodegradation. DO concentrations less than 0.5 mg/L generally do not support aerobic respiration (Wiedemeier et al., 1998). Groundwater DO concentrations ranged from low 0.38 mg/L (MW-10) to as high as 2.91 mg/L at monitoring well MW-15, during the August 2016 sampling event. Low DO concentrations at monitoring wells showing exceedances in COCs indicate primarily anaerobic groundwater conditions and pockets of mildly aerobic conditions near clean monitoring wells.

Nitrate

Nitrate reduction is an anaerobic redox reaction in which nitrate is used up as an electron acceptor to facilitate the biodegradation of organic compounds. Nitrate is reduced during anaerobic microbial respiration, to nitrite, resulting in decreased concentrations of nitrate. Presence or absence of detectable nitrate can thus be used to assess the occurrence of nitrate reduction.

Nitrogen as nitrate was detected in groundwater samples collected from 6 of the 11 monitoring wells at concentrations ranging between 0.14 mg/L (MW-12) and 3.45 mg/L (MW-15). Groundwater samples collected from the remaining 5 monitoring wells (MW-1A, MW-2A, MW-3A, MW-5A and MW-11) did not contain detectable concentrations of nitrate above the laboratory detection limit (0.1 mg/L), which suggests nitrate reduction was prevalent.

Iron

Iron reduction is an anaerobic redox reaction in which ferric iron is used as an electron acceptor to facilitate the biodegradation of organic compounds. When ferric iron is used as an electron acceptor for anaerobic microbial respiration, it is reduced to soluble ferrous iron, resulting in increased concentrations of dissolved iron. Measurement of dissolved iron can thus be used to assess the occurrence of iron reduction.

Ferrous iron concentrations were low to below detection limit in groundwater samples collected from the monitoring wells MW-2A, MW-3A and MW-8 located downgradient of the former gasoline tank pit and offsite wells MW-13, MW-15 and MW-16. Compared to the total iron concentrations the highest iron concentrations in form of dissolved ferrous iron were detected in groundwater samples collected from monitoring wells MW-1A, MW-5A and MW-11 located near the source area. Historically iron reduction also seemed to be prevalent in the three monitoring wells MW-1A, MW-5A, MW-11 with comparable total and dissolved iron concentration, indicating iron primarily existed in the reduced ferrous form. The dissolved iron distribution observed in November 2016 groundwater samples suggests iron reduction continues to occur in site groundwater. Ferrous iron is highly reactive and may be reacting with sulfide to form iron sulfide.

Sulfate

Sulfate reduction is an anaerobic redox reaction in which sulfate is used as an electron acceptor to oxidize organic carbon and is reduced to sulfide. Sulfate reduction results in decreased sulfate concentrations relative to background which, in turn, indicates a strongly reducing groundwater environment.

In November 2016, the highest sulfate concentration (35.0 mg/L) was detected in MW-3A, MW-8 and the offsite monitoring wells (MW-13 through MW-16). Sulfate concentrations were low to below detection limit (1.0 mg/L) in monitoring wells MW-1A, MW-2A, MW-5A, MW-10, MW-11 and MW-12, suggesting sulfate reduction is occurring in these areas. Historically sulfate concentrations has been low to non-detect in monitoring wells MW-1A, MW-2A, MW-5A indicating moderate to strong reducing conditions near source area.

Biogeochemical MNA Indicators Summary:

Natural degradation processes were occurring via aerobic respiration, nitrate reduction, iron reduction and sulfate reduction. Low DO, low nitrate, high dissolved iron and low sulfate concentrations indicate that anaerobic biodegradation is predominantly occurring in site groundwater near the source area. MNA indicator parameter results for samples collected in November 2016 demonstrated pockets of aerobic conditions downgradient of the former gasoline tank pit and in the vicinity of offsite monitoring wells MW-15 and MW-16. Moderately strong groundwater redox conditions conducive to in situ biodegradation of COCs exist in the source area (MW-1A, MW-2A, MW-5A). Mildly reducing conditions were observed near monitoring wells MW-10 through MW-14.

The geochemical data indicate mild to moderately high reducing conditions were prevalent onsite. Presence of detectable DO concentrations indicate that aerobic conditions prevail in pockets onsite as well as offsite, which is conducive to rapid degradation of COC. The stable COC concentration trends and mild to moderately high reducing anaerobic geochemical conditions continue to demonstrate that MNA is a viable remedy for the dissolved-phase COCs in site groundwater.

Sincerely,

Arcadis U.S., Inc.

Soumitri Sarkar

Paul Goodell

Mimi Sarkar Ph.D.
Staff Environmental Scientist

Paul Goodell, E.I.
AFS Project Manager 5

Copies:
Mr. Alek Heilstedt – EMES
File – EM #14489

Enclosures:

Figures

1 Site Location Map
2 Site Map

Tables

1 Groundwater Monitoring and Analytical Data
2 Summary of Statistical Analysis of Groundwater Analytical Data
3 Monitored Natural Attenuation Data

Attachments

A Letter Correspondence – May 31, 2017

B Linear Regression Plots

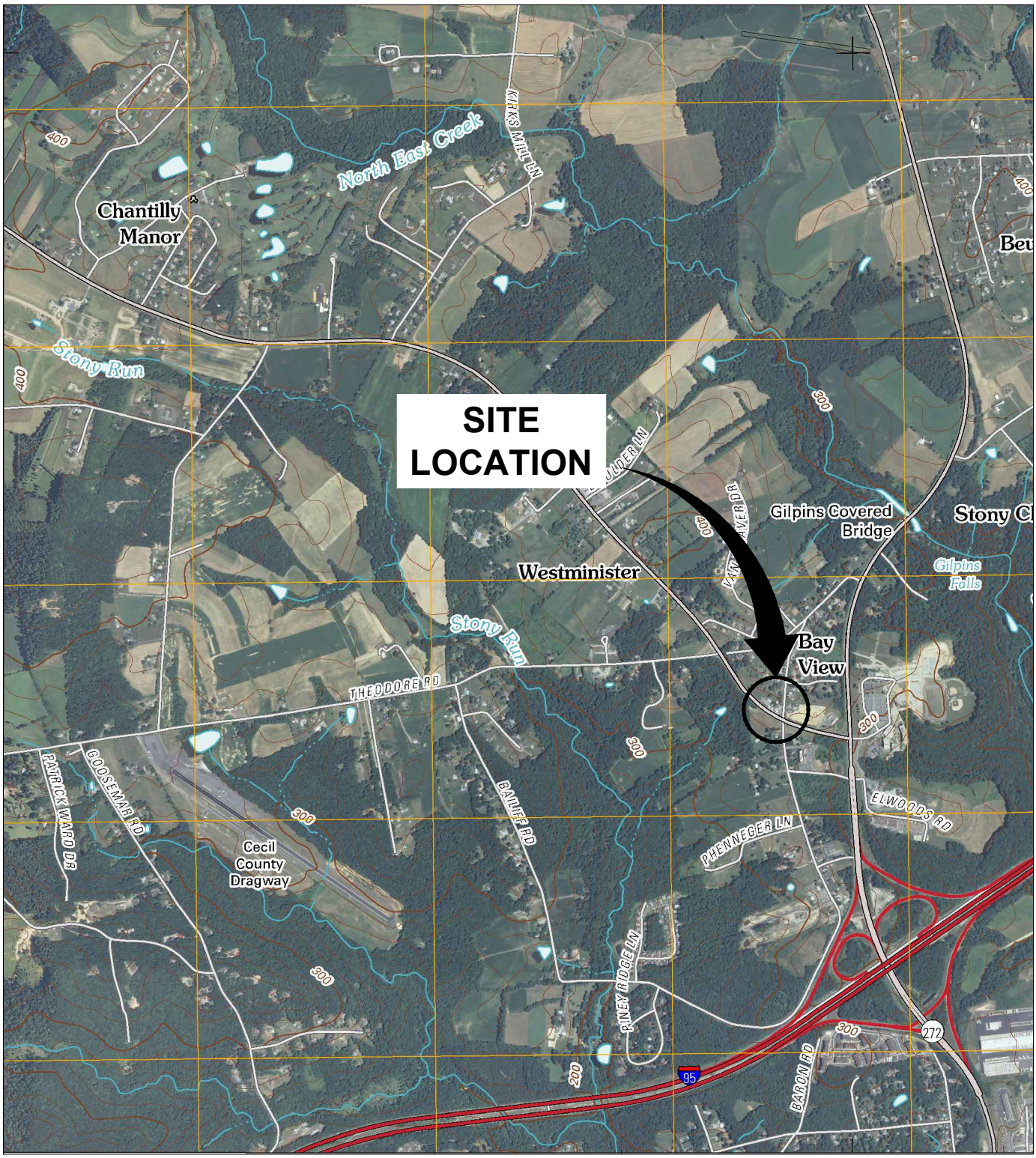
References

USEPA, 2004. Performance Monitoring of MNA remedies for VOCs in Ground Water. EPA/600/R-04/027.

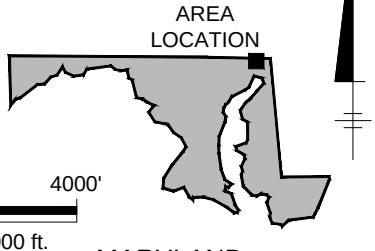
USEPA, 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities. Office of Resource Conservation and Recovery. Unified Guidance. EPA 530-R-09-007.

Wiedemeier, T.H., M.A. Swanson, D.E. Moutoux, E.K. Gordon, J.T. Wilson, B.H. Wilson, D.H. Kampbell, P.E. Hass, R.N. Miller, J.E. Hansen, and F.H. Chapelle. 1998. Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Groundwater. EPA/600/R-98/128 (September).

FIGURES



REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. BAY VIEW, MARYLAND 2011.



0 2000' 4000'

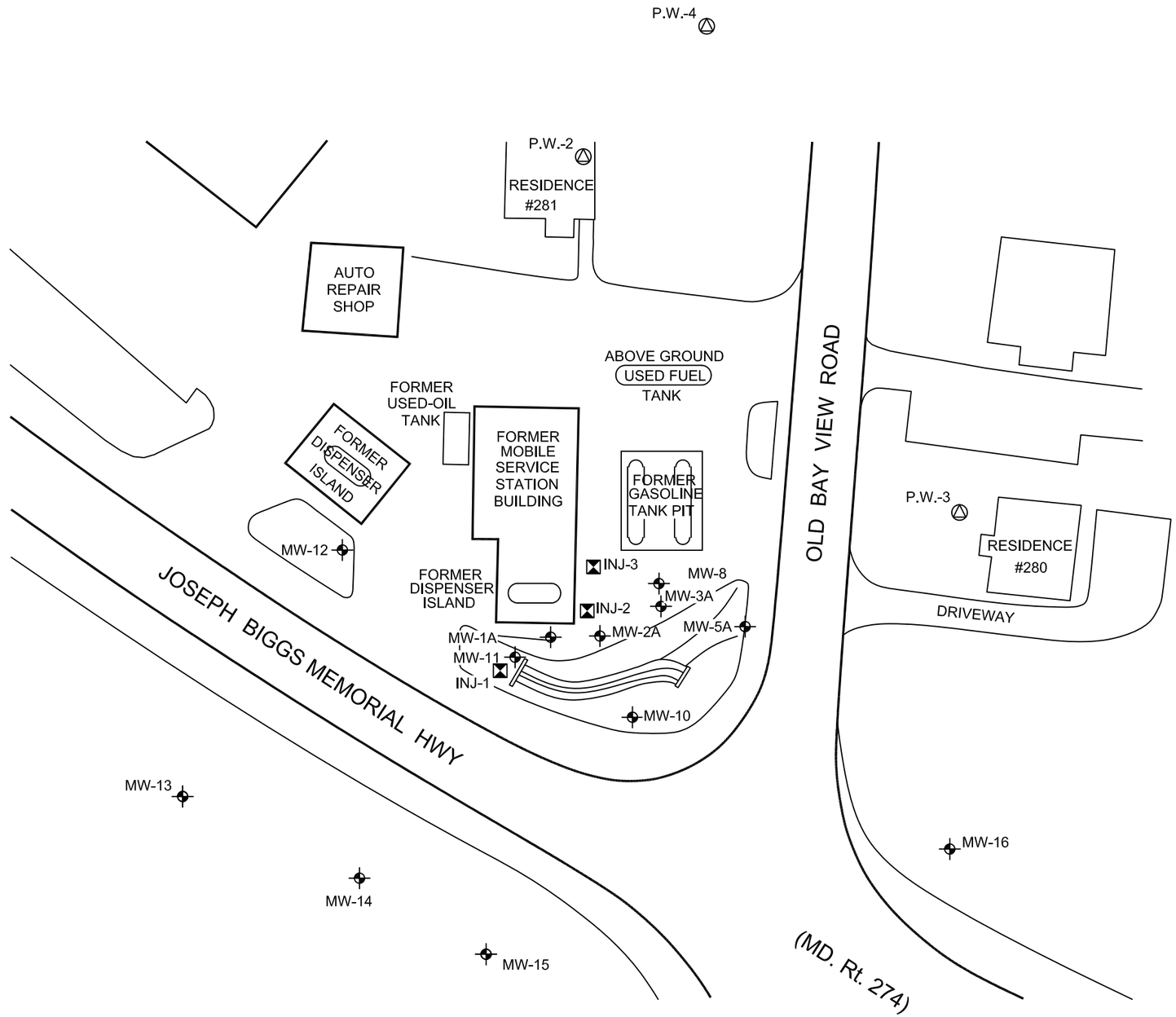
Approximate Scale: 1 in. = 2000 ft.

FORMER EXXON FACILITY # 14489
285 OLD BAY VIEW ROAD
NORTH EAST, MARYLAND

SITE LOCATION MAP

ARCADIS Design & Consultancy for natural and built assets

FIGURE 1



LEGEND:

- MONITORING WELL
- DESTROYED MONITORING WELL
- POTABLE WELL
- INJECTION WELL
- INTERCEPTOR TRENCH
- REMEDIATION SYSTEM PIPING

0 20 40

SCALE: FEET

FORMER EXXON FACILITY # 14489
285 OLD BAY VIEW ROAD NORTH
EAST, MARYLAND

SITE MAP

ARCADIS Design & Consultancy for natural and built assets

FIGURE
2

TABLES

Table 1
Groundwater Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Gauging Data					Analytical Data										
Well ID	Date	Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	DIPE	ETBE	TAME	Naphthalene
MEAT Groundwater Standard							**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-1A	6/1/2005	97.65	5.23	ND	ND	92.42	**560**	**5,770**	**2,360**	8,970	17,660	**156**	<500	NA	NA	NA	NA
	12/7/2005	97.65	6.77	ND	ND	90.88	**252**	**2,410**	**2,560**	7,500	12,722	**149**	<500	NA	NA	NA	NA
	5/24/2006	97.65	6.82	ND	ND	90.83	**97.7**	**1,260**	**1,720**	4,870	7,948	**114**	<500	NA	NA	NA	NA
	11/7/2006	97.65	5.38	ND	ND	92.27	**116**	703	**1,130**	2,880	4,829	**112**	92.2 J	NA	NA	NA	NA
	6/21/2007	97.65	6.15	ND	ND	91.50	**145**	**1,750**	**1,020**	3,220	6,135	**53.3**	<250	NA	NA	NA	NA
	12/11/2007	97.65	7.02	ND	ND	90.63	**212**	**3,730**	**2,380**	8,180	14,502	**133**	<500	NA	NA	NA	NA
	3/24/2008	97.65	4.94	ND	ND	92.71	**216**	**3,280**	**2,270**	7,550	13,316	**510**	<630	NA	NA	NA	NA
	6/29/2008	97.65	6.10	ND	ND	91.55	**201**	**2,970**	**1,520**	5,380	10,071	**593**	<500	<100	<100	<100	**378**
	8/14/2008	97.65	7.12	ND	ND	90.53	**151**	**2,300**	**1,410**	4,460	8,321	**561**	<500	<100	<100	59.2 J	**345**
	11/20/2008	97.65	7.12	ND	ND	90.53	**150**	**2,330**	**1,860**	6,030	10,370	**398**	<630	<130	<130	58.9 J	**497**
	2/11/2009	97.65	5.35	ND	ND	92.30	**185**	**2,720**	**1,510**	5,440	9,855	**307**	<500	<100	<100	<100	**375**
	4/21/2009	97.65	5.08	ND	ND	92.57	**148**	**2,700**	**1,790**	6,230	10,868	**269**	<630	<130	<130	44.0 J	**402**
	7/31/2009	97.65	6.35	ND	ND	91.30	**101**	**1,460**	**730**	2,760	5,051	**151**	<250	<50	<50	20.1 J	**235**
	10/13/2009	97.65	4.80	ND	ND	92.85	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	97.65	5.25	ND	ND	92.40	**62.8**	873	**1,080**	2,830	4,846	**143**	<250	<50	<50	17.2 J	**263**
	1/12/2010	97.65	4.57	ND	ND	93.08	**162**	**2,430**	**1,350**	4,170	8,112	**139**	<250	<50	<50	24.0 J	**355**
	4/21/2010	97.65	4.21	ND	ND	93.44	**204**	**3,100**	**1,610**	5,510	10,424	**117**	<630	<130	<130	<130	**369**
	7/22/2010	97.65	6.74	ND	ND	90.91	**197**	**2,900**	**1,340**	4,780	9,217	**108**	<630	<130	<130	31.4 J	**225**
	11/23/2010	97.65	6.55	ND	ND	91.10	**51.2**	**1,190**	**1,100**	3,530	5,871	**54.6**	<130	<25	<25	9.0 J	**277**
	3/2/2011	97.65	4.89	ND	ND	92.76	**60.2**	**1,220**	**1,120**	4,440	6,840	**33.8**	40.4	<1	<1	<1	**218**
	5/19/2011	97.65	4.82	ND	ND	92.83	**101**	**1,340**	584	2,140	4,165	**28.2**	<20	<1	<1	7.47	**244**
	7/12/2011	97.65	6.48	ND	ND	91.17	**117**	**2,450**	**1,140**	3,970	7,677	**24.4**	<20	<1	<1	<1	**234**
	10/24/2011	97.65	5.41	ND	ND	92.24	**57.6**	**1,610**	**1,030**	3,660	6,357.6	**21**	19.1	<1	<1	4.27	**198**
	2/8/2012	97.65	5.03	ND	ND	92.62	**67.5**	**1,490**	**956**	3,210	5,724	13.8	<10	<1	<1	<1	**187**
	5/22/2012	97.65	6.83	ND	ND	90.82	**76.7**	**1,910**	**976**	4,140	7,103	13.6	<50	<5	<5	<5	**155**
	8/14/2012	97.65	8.31	ND	ND	89.34	**66 [64]**	**2,180 [2,210]**	**1,080 [1,030]**	3,950 [3,700]	7,276 [7,004]	17.7 [<1]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [<1]	**182 [192]**
	10/4/2012	97.65	8.98	ND	ND	88.67	**41.9**	**1,230**	**1,010**	3,860	6,141.9	**29.1**	11.8	<2	<1	5.72	**249**
	2/22/2013	97.65	5.50	ND	ND	92.15	**63.2**	**1,620**	**1,340**	4,290	7,313	<1	<10	<2	<1	<1	**256**
	5/1/2013	97.65	5.21	ND	ND	92.44	**81.3 [77.8]**	**2,130 [1,950]**	**1,290 [1,210]**	4,820 [4,510]	8,321.3 [7,747.8]	6.88 [<1]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [2.59]	**262 [255]**
	8/6/2013	97.65	4.68	ND	ND	92.97	**92.3 [91.1]**	**1,880 [1,940]**	**973 [1,010]**	3,340 [3,400]	6,285.3 [6,441.1]	6.25 [6.21]	<10 [<10]	<2 [<2]	<1 [<1]	19.3 [<1]	**276 [279]**
	10/3/2013	97.65	5.85	ND	ND	91.80	**90.2 [90.6]**	**1,890 [1,870]**	**925 [925]**	4,010 [4,070]	6,915.2 [6,955.6]	7.44 [7.74]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [<1]	**251 [254]**
	3/6/2014	97.65	4.25	ND	ND	93.40	**47.6 [54.6]**	**1,060 [1,120]**	**689 [731]**	2,740 [2,810]	4,536.6 [4,715.6]	4.70 [4.58]	10.4 [14.3]	<2 [<2]	<1 [<1]	1.61 [1.30]	**161 [179]**
	6/12/2014	97.65	4.54	ND	ND	93.11	**69.8 [70.6]**	**2,060 [1,760]**	**974 [967]**	4,050 [3,430]	7,153.8 [6,227.6]	<10 [<10]	<100 [<100]	<20 [<20]	<10 [<10]	<10 [<10]	**182 [218]**
	9/19/2014	97.65	7.27	ND	ND	90.38	**49.5 [51.0]**	**1,460 [1,580]**	**874 [882]**	3,300 [3,460]	5,683.5 [5,973]	<10 [<10]	<100 [<100]	<20 [<20]	<10 [<10]	<10 [<10]	**378 [264]**
	11/13/2014	97.65	6.09	ND	ND	91.56	**10.7 [14.3]**	405 [459]	355 [374]	1,400 [1,520]	2,170.7 [2,367.3]	<1 [<1]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [<1]	**54.0 [61.6]**
	3/25/2015	97.65	4.38	ND	ND	93.27	**33.4 [32.9]**	743 [762]	517 [539]	2,450 [2,520]	3,743.4 [3,853.9]	<1 [2.34]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [<1]	**133 [133]**
	6/25/2015	97.65	4.41	ND	ND	93.24	**53.2 [54.4]**	**1,500 [1,510]**	**714 [724]**	3,180 [3,240]	5,447.2 [5,528.4]	2.31 [2.35]	14.3 [12.6]	<2 [<2]	<1 [<1]	<1 [<1]	**153 [157]**
	7/29/2015	97.65	4.94	ND	ND	92.71	**76.7 [70.7]**	**2,310 [2,180]**	**980 [934]**	4,410 [4,210]	7,776.7 [7,770.7]	3.07 [2.86]	<10 [16.7]	<2 [<2]	<1 [<1]	1.36 [1.19]	**183 [189]**

Table 1
Groundwater Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Gauging Data					Analytical Data										
Well ID	Date	Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	DIPE	ETBE	TAME	Naphthalene
MEAT Groundwater Standard							**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-1A Cont.	10/29/2015	97.65	6.40	ND	ND	91.25	**19.4 [18.1]**	659 [617]	636 [590]	2,460 [2,440]	3,774.4 [3,665.1]	<10 [<10]	<100 [<100]	<20 [<20]	<10 [<10]	<10 [<10]	**154 [174]**
	2/10/2016	97.65	4.27	ND	ND	93.38	**20.9 [20.7]**	633 F1 [617]	397 F1 [387]	1650 [1,620]	2,700.9 [2654.7]	<5 [<5]	<50 [<50]	<5 [<5]	<5 [<5]	<5 [<5]	**106 [110]**
	5/9/2016	97.65	4.74	ND	ND	92.91	**33.5 [32.8]**	989 [942]	685 [681]	2,570 [2,520]	4,278 [4,175.8]	<5 [<5]	<50 [<50]	<10 [<10]	<5 [<5]	<5 [<5]	**140 [119]**
	8/16/2016	97.65	7.00	ND	ND	90.65	<50.0 [<50.0]	<50.0 [<50.0]	245 [198]	270 [240]	515 [438]	<50.0 [<50.0]	<500 [<500]	<100 [<100]	<50.0 [<50.0]	<50.0 [<50.0]	<250 [<250]
	11/8/2016	97.65	7.59	ND	ND	90.06	2.42 [2.28]	40.6 [40.4]	159 [156]	296 [300]	498.02 [498.68]	<1.00 [<1.00]	<10.0 [<10.0]	<2.00 [<2.00]	<1.00 [<1.00]	<1.00 [<1.00]	**94.4 [96.7]**
	3/7/2017	97.65	7.14	ND	ND	90.51	**13.9 [16.7]**	495 [525]	396 [436]	1,840 [1,850]	2,744.9 [2,827.7]	<1.00 [<5.00]	<10.0 [<50.0]	<2.00 [<10.0]	<1.00 [<5.00]	<1.00 [<5.00]	**186 [226]**
MW-2A	6/1/2005	97.10	4.74	ND	ND	92.36	**1,740**	595	**2,590**	9,200	14,125	**829**	<500	NA	NA	NA	NA
	12/7/2005	97.10	5.65	ND	ND	91.45	**1,580**	**2,440**	**2,660**	9,530	16,210	**670**	<630	NA	NA	NA	NA
	5/24/2006	97.10	5.71	ND	ND	91.39	**1,570**	**4,950**	**2,790**	9,990	19,300	**599**	<630	NA	NA	NA	NA
	11/7/2006	97.10	4.35	ND	ND	92.75	**964**	**3,090**	**2,550**	8,730	15,334	**413**	189 J	NA	NA	NA	NA
	6/21/2007	97.10	5.26	ND	ND	91.84	**456**	788	**2,290**	7,470	11,004	**198**	<250	NA	NA	NA	NA
	12/11/2007	97.10	5.77	ND	ND	91.33	**216**	157	569	1,830	2,772	**86.4**	30.0 J	NA	NA	NA	NA
	3/24/2008	97.10	4.73	ND	ND	92.37	**747**	529	**1,900**	3,920	7,096	**568**	256 J	NA	NA	NA	NA
	6/29/2008	97.10	5.66	ND	ND	91.44	**379**	**4,610**	**2,160**	8,620	15,769	**457**	<630	<130	<130	<130	**462**
	8/14/2008	97.10	5.57	ND	ND	91.53	**489**	**4,240**	**3,310**	8,760	16,799	**531**	<630	<130	<130	46.4 J	**652**
	11/20/2008	97.10	5.64	5.63	0.01	91.47	**817**	308	**1,770**	5,450	8,345	**624**	<250	<50	<50	55.6	**405**
	2/11/2009	97.10	4.90	ND	ND	92.20	**567**	**1,220**	**1,330**	4,140	7,257	**680**	215 J	<50	<50	51.6	**306**
	4/21/2009	97.10	1.82	ND	ND	95.28	**452**	**4,520**	**1,860**	7,870	14,702	**516**	<630	<130	<130	64.0 J	**299**
	7/31/2009	97.10	5.37	ND	ND	91.73	**191**	**1,830**	**1,270**	4,250	7,541	**341**	<250	<50	<50	38.1 J	**316**
	10/13/2009	97.10	3.93	ND	ND	93.17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	97.10	4.51	ND	ND	92.59	**266**	656	**2,530**	7,620	11,072	**371**	<500	<100	<100	48.5 J	**360**
	1/12/2010	97.10	4.36	ND	ND	92.74	**699**	231	**2,340**	4,360	7,630	**532**	<500	<100	<100	55.2 J	**402**
	4/21/2010	97.10	4.04	ND	ND	93.06	**858**	**1,070**	**1,720**	2,690	6,338	**538**	156 J	<50	<50	43.4 J	**325**
	7/22/2010	97.10	5.10	ND	ND	92.00	**544**	865	**1,590**	5,010	8,009	**430**	<250	<50	<50	54.8	**262**
	11/23/2010	97.10	5.51	ND	ND	91.59	**220**	367	**2,140**	3,980	5,807	**169**	<130	<25	<25	20.2	**223**
	3/2/2011	97.10	4.20	ND	ND	92.90	**147**	702	**1,290**	4,920	7,059	**151**	<20	<1	<1	18.4	**232**
	5/19/2011	97.10	4.40	ND	ND	92.70	**373**	**1,530**	**1,300**	4,050	7,253	**274**	<20	1.07	<1	23.8	**222**
	7/12/2011	97.10	5.45	ND	ND	91.65	**316**	850	**1,460**	4,690	7,316	**207**	<200	<10	<10	16.4	**243**
	10/24/2011	97.10	4.30	ND	ND	92.80	**309**	466	**1,240**	4,070	6,085	**171**	38.8	<1	<1	16.6	**200**
	2/8/2012	97.10	4.73	ND	ND	92.37	**154**	570	**1,280**	3,580	5,584	**115**	<10	<1	<1	10.4	**201**
	5/22/2012	97.10	5.79	ND	ND	91.31	**216**	443	**1,550**	4,280	6,489	**131**	<50	<5	<5	11.9	**197**
	8/14/2012	97.10	6.61	ND	ND	90.49	**221**	512	**1,220**	3,820	5,773	**138**	<10	<2	<1	13.5	**252**
	10/4/2012	97.10	6.93	ND	ND	90.17	**311**	754	**1,000**	3,990	6,055	**179**	41.3	<2	<1	17.3	**187**
	2/22/2013	97.10	4.58	ND	ND	92.52	**128**	858	**1,350**	3,930	6,266	**73.4**	<10	<2	<1	8.71	**181**
	5/1/2013	97.10	4.77	ND	ND	92.33	**153**	901	**1,220**	4,170	6,444	**101**	<10	<2	<1	10.3	**199**
	8/6/2013	97.10	4.18	ND	ND	92.92	**199**	651	**918**	2,510	4,278	**117**	<10	<2	<1	31.9	**179**
	10/3/2013	97.10	4.86	ND	ND	92.24	**259**	**1,080**	**1,210**	4,380	6,929	**133**	<10	<2	<1	11.3	**266**
	3/6/2014	97.10	3.96	ND	ND	93.14	**124**	372	**1,160**	2,830	4,486	**73.6**	22.2	<2	<1	7.44	**280**
	6/12/2014	97.10	3.90	ND	ND	93.20	**153**	547	**1,590**	4,190	6,480	**81.4**	<100	<20	<10	<10	**280**
	9/19/2014	97.10	5.62	ND	ND	91.48	**174**	630	**1,590**	4,450	6,844	**82.1**	<100	<20	<10	<10	**386**
	11/13/2014	97.10	5.16	ND	ND	91.94	**163**	297	**977**	2,670	4,107	**90.8**	21.4	<2	<1	7.78	**128**
	3/25/2015	97.10	4.10	ND	ND	93.00	**117**	387	**1,420**	2,870	4,794	**56.2**	<10	<2	<1	5.30	**174**
	6/25/2015	97.10	3.92	ND	ND	93.18	**147**	415	**991**	2,450	4,003	**82.0**	31.5	<2	<1	<1	**196**
	7/29/2015	97.10	4.12	ND	ND	92.98	**134**	456	**813**	2,600	4,003	**84.0**	28.2	<2	<1	7.02	**179**
	10/29/2015	97.10	4.96	ND	ND	92.14	**127**	368	**1,290**	2,500	4,285	**58.5**	<100	<20	<10	<10	**202**

Table 1
Groundwater Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Gauging Data					Analytical Data										
Well ID	Date	Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	DIPE	ETBE	TAME	Naphthalene
MEAT Groundwater Standard							**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-2A Cont.	2/10/2016	97.10	3.91	ND	ND	93.19	**53.1**	268	**888**	1,810	3,019	**27.5**	<50	<5	<5	<5	**176**
	5/9/2016	97.10	4.22	ND	ND	92.88	**76.8**	404	**1,830**	3,640	5,951	**29.2**	<50	<10	<5	<5	**239**
	8/16/2016	97.10	5.74	ND	ND	91.36	<50.0	108	**1,320**	1,600	3,028	<50.0	<500	<100	<50.0	<50.0	**385**
	11/8/2016	97.10	6.15	ND	ND	90.95	<5.00	58.3	421	576	1,055	<5.00	<50.0	<10.0	<5.00	<5.00	**213**
	3/7/2017	97.10	6.25	ND	ND	90.85	**56.0**	247	**1,300**	2,040	3,643	<5.00	<50.0	<10.0	<5.00	<5.00	**351**
MW-3A	6/1/2005	96.99	2.71	ND	ND	94.28	**6.7**	18	31	108	163	19.8	<25	NA	NA	NA	NA
	12/7/2005	96.99	4.55	ND	ND	92.44	**92.0**	23.3	99.9	128	343	**353**	<25	NA	NA	NA	NA
	5/24/2006	96.99	2.72	ND	ND	94.27	<1	1.1	5.7	19	26	**47.1**	<25	NA	NA	NA	NA
	11/7/2006	96.99	2.06	ND	ND	94.93	3.4	15.2	36.6	126	181	<1	<25	NA	NA	NA	NA
	6/21/2007	96.99	2.45	ND	ND	94.54	**278**	111	325	991	1,705	**17900**	<1,300	NA	NA	NA	NA
	12/11/2007	96.99	2.25	ND	ND	94.74	<1	<1	<1	<1	BRL	**23.2**	<25	NA	NA	NA	NA
	3/24/2008	96.99	2.41	ND	ND	94.58	0.32 J	7.5	14.8	57	79.2 J	0.64 J	<25	NA	NA	NA	NA
	6/29/2008	96.99	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/14/2008	96.99	5.57	ND	ND	91.42	<1	<1	<1	<1	BRL	3.7	<25	<5	<5	<5	<5
	11/20/2008	96.99	2.21	ND	ND	94.78	<1	<1	<1	<1	BRL	0.60 J	<25	<5	<5	<5	<5
	2/11/2009	96.99	2.75	ND	ND	94.24	**28.0**	13.7	2.8	6	50	**67.2**	26.0	<5	<5	2.7 J	<5
	4/21/2009	96.99	1.30	ND	ND	95.69	**9.6**	7.6	1.8	4	23	**37.2**	21.2 J	<5	<5	1.2 J	<5
	7/31/2009	96.99	2.83	ND	ND	94.16	0.25 J	<1	<1	<1	0.25 J	1.4	<25	<5	<5	<5	<5
	10/13/2009	96.99	2.10	ND	ND	94.89	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	96.99	1.90	ND	ND	95.09	<1	<1	<1	<1	BRL	3.6	<25	<5	<5	<5	<5
	1/12/2010	96.99	2.45	ND	ND	94.54	<1	<1	<1	<1	BRL	**18.9**	<25	<5	<5	<5	<5
	4/21/2010	96.99	2.26	ND	ND	94.73	**23.8**	14.2	5.2	9	52	**20.9**	7.5 J	<5	<5	0.98 J	<5
	7/22/2010	96.99	2.85	ND	ND	94.14	<1	<1	<1	<1	BRL	10.2	<25	<5	<5	<5	<5
	11/23/2010	96.99	4.75	ND	ND	92.24	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	3/2/2011	96.99	2.14	ND	ND	94.85	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	5/19/2011	96.99	2.53	ND	ND	94.46	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	7/12/2011	96.99	5.76	ND	ND	91.23	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	10/24/2011	96.99	2.35	ND	ND	94.64	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	2/8/2012	96.99	2.71	ND	ND	94.28	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	5/22/2012	96.99	3.30	ND	ND	93.69	<1 [<1]	<1 [<1]	<1 [<1]	<3 [<3]	BRL [BRL]	<1 [<1]	<10 [<10]	<1 [<1]	<1 [<1]	<1 [<1]	<5 [<5]
	8/14/2012	96.99	7.62	ND	ND	89.37	<1	<1	<1	<3	BRL	8.07	<10	<2	<1	<1	<5
	10/4/2012	96.99	8.63	ND	ND	88.36	**8.24**	<1	<1	<3	8.24	**33.4**	14.1	<2	<1	1.12	<5
	2/22/2013	96.99	2.48	ND	ND	94.51	1.31	<1	<1	<3	1.31	1.37	<10	<2	<1	<1	<5
	5/1/2013	96.99	4.36	ND	ND	92.63	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/6/2013	96.99	2.26	ND	ND	94.73	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	10/3/2013	96.99	2.72	ND	ND	94.27	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	3/6/2014	96.99	2.46	ND	ND	94.53	<1	<1	1.41	4.29	5.70	<1	<10	<2	<1	<1	<5
	6/12/2014	96.99	2.42	ND	ND	94.57	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	9/19/2014	96.99	6.08	ND	ND	90.91	<1	<1	<1	<2	BRL	1.16	<10	<2	<1	<1	<5
	11/13/2014	96.99	2.53	ND	ND	94.46	<1	<1	2.49	7.05	9.54	<1	<10	<2	<1	<1	<5
	3/25/2015	96.99	2.31	ND	ND	94.68	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	6/25/2015	96.99	2.09	ND	ND	94.90	1.26	<1	<1	<3	1.26	1.75	<10	<2	<1	<1	<5
	7/29/2015	96.99	2.65	ND	ND	94.34	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	10/29/2015	96.99	2.62	ND	ND	94.37	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5

Table 1
Groundwater Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Gauging Data					Analytical Data										
Well ID	Date	Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	DIPE	ETBE	TAME	Naphthalene
MEAT Groundwater Standard							**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-3A Cont.	2/10/2016	96.99	2.10	ND	ND	94.89	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/9/2016	96.99	2.11	ND	ND	94.88	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/16/2016	96.99	5.12	ND	ND	91.87	<1.00	54.5	<1.00	<3.00	54.5	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	11/8/2016	96.99	6.56	ND	ND	90.43	**69.8**	1.20	4.63	<3.00	74.43	**25.5**	<10.0	<2.00	<1.00	2.31	<5.00
	3/7/2017	96.99	5.78	ND	ND	91.21	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00 F1 F2
MW-4	6/1/2005	97.26	2.55	ND	ND	94.71	**6.9**	3.8	4.7	10.8	26.2	13.8	ND(25)	NA	NA	NA	NA
	12/7/2005	97.26	2.77	ND	ND	94.49	2.9	0.81 J	7.6	5.7	17.0 J	5.3	ND(25)	NA	NA	NA	NA
	5/24/2006	97.26	2.82	ND	ND	94.44	0.38 J	4.0	16.9	48.1	69.4 J	11.8	ND(25)	NA	NA	NA	NA
	11/7/2006	97.26	2.48	ND	ND	94.78	2.1	2.4	9.3	31.8	45.6	**291**	ND(25)	NA	NA	NA	NA
	6/21/2007	97.26	2.73	ND	ND	94.53	**22.9**	30.8	21.8	81.1	156.6	**934**	ND(100)	NA	NA	NA	NA
	12/11/2007	97.26	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-5A	6/1/2005	95.02	2.40	ND	ND	92.62	**132**	**1,360**	**1,670**	7,270	10,432	<10	<250	NA	NA	NA	NA
	12/7/2005	95.02	3.25	ND	ND	91.77	**58.2**	230	**1130**	3,420	4,838	<10	<250	NA	NA	NA	NA
	5/24/2006	95.02	3.72	ND	ND	91.30	**22.4**	144	661	1,840	2,667	<5	<130	NA	NA	NA	NA
	11/7/2006	95.02	2.09	ND	ND	92.93	**136**	868	**1,370**	4,780	7,154	<5	<130	NA	NA	NA	NA
	6/21/2007	95.02	5.35	ND	ND	89.67	**49.7**	460	**929**	2,750	4,189	<5	<130	NA	NA	NA	NA
	12/11/2007	95.02	3.63	ND	ND	91.39	**20.1**	62.3	**831**	2,520	3,433	<10	<250	NA	NA	NA	NA
	3/24/2008	95.02	2.60	ND	ND	92.42	**56.2**	306	**855**	1,940	3,157	<5	<130	NA	NA	NA	NA
	6/29/2008	95.02	4.04	ND	ND	90.98	**38.5**	251	**920**	3,200	4,410	<10	<250	<50	<50	<50	**246**
	8/14/2008	95.02	4.32	ND	ND	90.70	**26.0**	139	**766**	2,910	3,841	<5	<130	<25	<25	<25	**242**
	11/20/2008	95.02	2.42	ND	ND	92.60	**111**	856	**1,180**	4,070	6,217	<20	<500	<100	<100	<100	**362**
	2/11/2009	95.02	2.48	ND	ND	92.54	**76.0**	900	**1,170**	4,510	6,656	<10	<250	<50	<50	<50	**347**
	4/21/2009	95.02	4.76	ND	ND	90.26	**29.9**	236	574	1,920	2,760	<5	<130	<25	<25	<25	**176**
	7/31/2009	95.02	2.87	ND	ND	92.15	**17.3**	108	488	1,570	2,183	<5	<130	<25	<25	<25	**169**
	10/13/2009	95.02	2.57	ND	ND	92.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	95.02	2.06	ND	ND	92.96	**41.3**	207	**876**	2,800	3,924	<10	<250	<50	<50	<50	**251**
	1/12/2010	95.02	1.10	ND	ND	93.92	**54.6**	609	**1,050**	3,800	5,514	<10	<250	<50	<50	<50	**269**
	4/21/2010	95.02	1.44	ND	ND	93.58	**89.3**	942	**1,230**	4,710	6,971	<5	<130	<25	<25	<25	**295**
	7/22/2010	95.02	3.87	ND	ND	91.15	**45.6**	306	**1,030**	3,600	4,982	<10	<250	<50	<50	<50	**239**
	11/23/2010	95.02	3.53	ND	ND	91.49	**86.0**	531	**1,210**	4,070	5,897	<10	<250	<50	<50	<50	**294**
	3/2/2011	95.02	2.41	ND	ND	92.61	**32.1**	168	**841**	2,250	3,291.1	<1	<20	<1	<1	<1	**227**
	5/19/2011	95.02	2.59	ND	ND	92.43	**14.1**	162	555	1,730	2,461.1	<1	<20	<1	<1	<1	**148**
	7/12/2011	95.02	3.92	ND	ND	91.10	**35.5**	323	**898**	2,530	3,786.5	<1	<20	<1	<1	<1	**267**
	10/24/2011	95.02	2.18	ND	ND	92.84	**49.1**	324	**887**	2,700	3,960.1	<1	<10	<1	<1	<1	**248**
	2/8/2012	95.02	2.08	ND	ND	92.94	**34.3**	425	**1,070**	3,320	4,849	<1	<10	<1	<1	<1	**244**
	5/22/2012	95.02	3.41	ND	ND	91.61	**20.5**	239	**805**	2,530	3594.5	<5	<50	<5	<5	<5	**157**
	8/14/2012	95.02	6.23	ND	ND	88.79	**21.5**	165	**726**	2,130	3,042.5	<1	<10	<2	<1	<1	**189**
	10/4/2012	95.02	7.23	ND	ND	87.79	**27.4 [26.1]**	152 [147]	**819 [845]**	2,460 [2,510]	3,508.4 [3,528.1]	<1 [<1]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [<1]	**250 [232]**
	2/22/2013	95.02	2.75	ND	ND	92.27	**21.1**	124	**901**	2,570	3,616.1	<1	<10	<2	<1	<1	**181**
	5/1/2013	95.02	3.09	ND	ND	91.93	**21.1**	193	**747**	2,460	3,421.1	<1	<10	<2	<1	<1	**197**
	8/6/2013	95.02	2.24	ND	ND	92.78	**36.2**	230	**722**	2,170	3,158.2	<1	<10	<2	<1	<1	**237**
	10/3/2013	95.02	2.79	ND	ND	92.23	**38.6**	242	**813**	2,300	3,393.6	<1	<10	<2	<1	<1	**266**
	3/6/2014	95.02	1.60	ND	ND	93.42	**24.3**	240	**892**	2,720	3,876.3	<1	<10	<2	<1	<1	**321**
	6/12/2014	95.02	2.03	ND	ND	92.99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/19/2014	95.02	4.32	ND	ND	90.70	**24.2**	164	**864**	2,380	3,432.2	<10	<100	<20	<10	<10	**313**

Table 1
Groundwater Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Gauging Data					Analytical Data										
Well ID	Date	Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	DIPE	ETBE	TAME	Naphthalene
MEAT Groundwater Standard							**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-5A Cont.	11/13/2014	95.02	3.33	ND	ND	91.69	**7.93**	42.6	558	1,530	2,138.53	<1	<10	<2	<1	<1	**87.4**
	3/25/2015	95.02	1.89	ND	ND	93.13	**15.4**	157	**744**	2,260	3,176.4	<1	<10	<2	<1	<1	**145**
	6/25/2015	95.02	2.13	ND	ND	92.89	**18.9**	139	**728**	1,900	2,785.9	<1	<10	<2	<1	<1	**191**
	7/29/2015	95.02	1.78	ND	ND	93.24	**26.4**	190	**763**	2,290	3,269.4	<1	<10	<2	<1	<1	**222**
	10/29/2015	95.02	2.63	ND	ND	92.39	**18.8**	134	**854**	2,340	3,346.8	<10	<100	<20	<10	<10	**250**
	2/10/2016	95.02	1.78	ND	ND	93.24	**5.47**	53.4	270	999	1,327.9	<5	<50	<5	<5	<5	**111**
	5/9/2016	95.02	2.05	ND	ND	92.97	**5.56**	51.3	479	1,490	2,025.86	<5	<50	<10	<5	<5	**164**
	8/16/2016	95.02	3.51	ND	ND	91.51	<25.0	45.7	730	2,210	2,985.7	<25.0	<250	<50.0	<25.0	<25.0	**223**
	11/8/2016	95.02	4.73	ND	ND	90.29	<5.00	7.40	277	625	909.4	<5.00	<50.0	<10.0	<5.00	<5.00	**120**
	3/7/2017	95.02	3.40	ND	ND	91.62	<5.00	21.3	468	1,050	1,539.3	<5.00	<50.0	<10.0	<5.00	<5.00	**254**
MW-8	12/7/2005	97.04	2.56	ND	ND	94.48	<1	<1	<1	<1	BRL	<1	<25	NA	NA	NA	NA
	5/24/2006	97.04	2.61	ND	ND	94.43	<1	2.0	10.3	34	46	**24.3**	<25	NA	NA	NA	NA
	11/7/2006	97.04	2.27	ND	ND	94.77	<1	4.1	13.9	49	67	<1	<25	NA	NA	NA	NA
	6/21/2007	97.04	2.53	ND	ND	94.51	**104**	27.7	130	644	906	**8870**	<500	NA	NA	NA	NA
	12/11/2007	97.04	2.28	ND	ND	94.76	<1	<1	<1	<1	BRL	<1	<25	NA	NA	NA	NA
	3/24/2008	97.04	2.46	ND	ND	94.58	<1	0.3 J	0.7 J	2	2.9 J	18.9	<25	NA	NA	NA	NA
	6/29/2008	97.04	2.92	ND	ND	94.12	<1	<1	<1	<1	BRL	13.5	<25	<5	<5	<5	<5
	8/14/2008	97.04	3.02	ND	ND	94.02	<1	<1	<1	<1	BRL	1.6	<25	<5	<5	<5	<5
	11/20/2008	97.04	2.30	ND	ND	94.74	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	2/11/2009	97.04	2.67	ND	ND	94.37	0.34 J	<1	<1	<1	0.34 J	**86.2**	13.8 J	<5	<5	0.84 J	<5
	4/21/2009	97.04	1.90	ND	ND	95.14	0.58 J	<1	<1	<1	0.58 J	**52.3**	86.4	<5	<5	0.95 J	<5
	7/31/2009	97.04	2.55	ND	ND	94.49	0.91 J	9.2	3.3	10	23.0 J	<1	<25	<5	<5	<5	<5
	10/13/2009	97.04	3.00	ND	ND	94.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	97.04	4.65	ND	ND	92.39	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	1/12/2010	97.04	2.59	ND	ND	94.45	2.2	<1	1.3	0.95 J	4.5 J	**71.8**	<25	<5	<5	3.8 J	<5
	4/21/2010	97.04	2.46	ND	ND	94.58	0.28 J	<1	<1	<1	0.28 J	18.5	20.5 J	<5	<5	0.71 J	<5
	7/22/2010	97.04	2.65	ND	ND	94.39	<1	<1	<1	<1	BRL	0.62 J	<25	<5	<5	<5	<5
	11/23/2010	97.04	2.90	ND	ND	94.14	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	3/2/2011	97.04	2.01	ND	ND	95.03	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	5/19/2011	97.04	2.53	ND	ND	94.51	<1	<1	<1	<3	BRL	2.76	<20	<1	<1	<1	<5
	7/12/2011	97.04	4.65	ND	ND	92.39	<1	11.5	15	56.3	82.8	<1	<20	<1	<1	<1	<5
	10/24/2011	97.04	2.59	ND	ND	94.45	<1 [<1]	<1 [<1]	<1 [<1]	<3 [<3]	BRL	1.32 [1.45]	<10 [<10]	<1 [<1]	<1 [<1]	<1 [<1]	<5 [<5]
	2/8/2012	97.04	2.81	ND	ND	94.23	<1 [<1]	<1 [<1]	<1 [<1]	<3 [<3]	BRL [BRL]	3.46 [3.86]	<10 [<10]	<1 [<1]	<1 [<1]	<1 [<1]	<5 [<5]
	5/22/2012	97.04	2.85	ND	ND	94.19	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	8/14/2012	97.04	3.34	ND	ND	93.70	1.32	<1	<1	<3	1.32	7.33	<10	<2	<1	<1	<5
	10/4/2012	97.04	5.65	ND	ND	91.39	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	2/22/2013	97.04	2.51	ND	ND	94.53	<1	<1	<1	<3	BRL	1.01	<10	<2	<1	<1	<5
	5/1/2013	97.04	2.82	ND	ND	94.22	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/6/2013	97.04	2.35	ND	ND	94.69	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	10/3/2013	97.04	2.74	ND	ND	94.30	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	3/6/2014	97.04	2.46	ND	ND	94.58	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	6/12/2014	97.04	2.47	ND	ND	94.57	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	9/19/2014	97.04	4.92	ND	ND	92.12	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	11/13/2014	97.04	2.61	ND	ND	94.43	<1	<1	<1	2.02	2.02	<1	<10	<2	<1	<1	<5

Table 1
Groundwater Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Gauging Data					Analytical Data										
Well ID	Date	Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	DIPE	ETBE	TAME	Naphthalene
MEAT Groundwater Standard							**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-8 Cont.	3/25/2015	97.04	2.40	ND	ND	94.64	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	6/25/2015	97.04	2.26	ND	ND	94.78	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	7/29/2015	97.04	2.73	ND	ND	94.31	<1	<1	<1	<3	BRL	1.29	<10	<2	<1	<1	<5
	10/29/2015	97.04	2.52	ND	ND	94.52	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	2/10/2016	97.04	2.15	ND	ND	94.89	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/9/2016	97.04	2.16	ND	ND	94.88	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/16/2016	97.04	3.07	ND	ND	93.97	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	11/8/2016	97.04	5.22	ND	ND	91.82	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	3/7/2017	97.04	2.99	ND	ND	94.05	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
MW-10	6/1/2005	93.35	3.82	ND	ND	89.53	**9**	1	4	7	21	9.3	<25	NA	NA	NA	NA
	12/7/2005	93.35	4.51	ND	ND	88.84	**24.7**	0.38 J	26.8	8	59.4 J	19.6	<25	NA	NA	NA	NA
	5/24/2006	93.35	4.67	ND	ND	88.68	**13.3**	0.52 J	5.8	4	23.6 J	**45.7**	25.3	NA	NA	NA	NA
	11/7/2006	93.35	4.04	ND	ND	89.31	**11.2**	38.1	83.9	266	399	**164**	127	NA	NA	NA	NA
	6/21/2007	93.35	4.54	ND	ND	88.81	**18.9**	7.4	20.1	46	93	**42.5**	<25	NA	NA	NA	NA
	12/11/2007	93.35	3.73	ND	ND	89.62	0.85 J	2.6	10.1	28	41.1 J	**22.5**	<25	NA	NA	NA	NA
	3/24/2008	93.35	4.10	ND	ND	89.25	0.39 J	3.4	7.9	21	32.3 J	6.7	<25	NA	NA	NA	NA
	6/29/2008	93.35	4.40	ND	ND	88.95	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	8/14/2008	93.35	4.75	ND	ND	88.60	<1	<1	<1	0.45 J	0.45 J	<1	<25	<5	<5	<5	<5
	11/20/2008	93.35	4.56	ND	ND	88.79	3.6	<1	2.0	<1	6	11.6	<25	<5	<5	<5	<5
	2/11/2009	93.35	4.27	ND	ND	89.08	<1	<1	<1	<1	BRL	3.0	<25	<5	<5	<5	<5
	4/21/2009	93.35	2.72	ND	ND	90.63	<1	<1	<1	<1	BRL	1.4	<25	<5	<5	<5	<5
	7/31/2009	93.35	4.31	ND	ND	89.04	<1	0.65 J	0.30 J	0.69 J	1.64 J	<1	<25	<5	<5	<5	<5
	10/13/2009	93.35	3.87	ND	ND	89.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	93.35	3.33	ND	ND	90.02	<1	<1	<1	<1	BRL	0.40 J	<25	<5	<5	<5	<5
	1/12/2010	93.35	3.41	ND	ND	89.94	0.30 J	<1	<1	<1	0.30 J	2.7	<25	<5	<5	<5	<5
	4/21/2010	93.35	2.94	ND	ND	90.41	<1	0.40 J	1.2	4	5.8 J	0.57 J	<25	<5	<5	<5	<5
	7/22/2010	93.35	4.41	ND	ND	88.94	<1	0.58 J	0.61 J	2	3.2 J	1.6	<25	<5	<5	<5	<5
	11/23/2010	93.35	4.71	ND	ND	88.64	5	0.82 J	13.5	5	24.2 J	**40.3**	30.4	<5	<5	<5	<5
	3/2/2011	93.35	3.96	ND	ND	89.39	<1	<1	<1	<3	BRL	1.37	<20	<1	<1	<1	<5
	5/19/2011	93.35	3.55	ND	ND	89.80	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	7/12/2011	93.35	4.40	ND	ND	88.95	<1	<1	<1	<3	BRL	15.4	<20	<1	<1	<1	<5
	10/24/2011	93.35	4.07	ND	ND	89.28	<1	<1	<1	<3	BRL	19.3	<10	<1	<1	<1	<5
	2/8/2012	93.35	4.10	ND	ND	89.25	<1	<1	<1	<3	BRL	2.49	<10	<1	<1	<1	<5
	5/22/2012	93.35	4.76	ND	ND	88.59	<1	<1	<1	<3	BRL	17	<10	<1	<1	<1	<5
	8/14/2012	93.35	4.15	ND	ND	89.20	<1	<1	1.07	<3	1.07	**27.3**	28.7	<2	<1	<1	<5
	10/4/2012	93.35	4.35	ND	ND	89.00	<1	<1	<1	<3	BRL	10.5	<10	<2	<1	<1	<5
	2/22/2013	93.35	4.35	ND	ND	89.00	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/1/2013	93.35	4.01	ND	ND	89.34	<1	<1	<1	<3	BRL	1.53	26.6	<2	<1	<1	<5
	8/6/2013	93.35	3.42	ND	ND	89.93	<1	<1	<1	<2	BRL	5.31	<10	<2	<1	<1	<5
	10/3/2013	93.35	4.09	ND	ND	89.26	<1	<1	<1	<2	BRL	1.96	<10	<2	<1	<1	<5
	3/6/2014	93.35	2.99	ND	ND	90.36	<1	<1	<1	<3	BRL	1.12	<10	<2	<1	<1	<5
	6/12/2014	93.35	2.81	ND	ND	90.54	1.03	<1	<1	<2	1.03	5.08	<10	<2	<1	<1	<5
	9/19/2014	93.35	4.31	ND	ND	89.04	1.25	<1	<1	<2	1.25	5.19	<10	<2	<1	<1	<5
	11/13/2014	93.35	4.54	ND	ND	88.81	<1	<1	<1	<2	BRL	3.79	<10	<2	<1	<1	<5

Table 1
Groundwater Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Gauging Data					Analytical Data										
Well ID	Date	Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	DIPE	ETBE	TAME	Naphthalene
MEAT Groundwater Standard							**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-10 Cont.	3/25/2015	93.35	3.16	ND	ND	90.19	<1	<1	<1	<2	BRL	1.89	<10	<2	<1	<1	<5
	6/25/2015	93.35	3.38	ND	ND	89.97	<1	<1	<1	<3	BRL	2.94	<10	<2	<1	<1	<5
	7/29/2015	93.35	3.56	ND	ND	89.79	<1	<1	<1	<3	BRL	2.48	<10	<2	<1	<1	<5
	10/29/2015	93.35	4.01	ND	ND	89.34	<1	<1	<1	<3	BRL	10.2	<10	<2	<1	<1	<5
	2/10/2016	93.35	3.23	ND	ND	90.12	<1	<1	<1	<3	BRL	**23**	<10	<2	<1	<1	<5
	5/9/2016	93.35	4.01	ND	ND	89.34	<1	<1	<1	<3	BRL	**23.4**	28.8	<2	<1	<1	<5
	8/16/2016	93.35	4.82	ND	ND	88.53	**45.0**	<1.00	39.9	<3.00	84.90	**42.9**	51.6	<2.00	<1.00	<1.00	<5.00
	11/8/2016	93.35	5.01	ND	ND	88.34	<1.00	<1.00	<1.00	<3.00	BRL	1.63	<10.0	<2.00	<1.00	<1.00	<5.00
	3/7/2017	93.35	4.86	ND	ND	88.49	<1.00	<1.00	<1.00	<3.00	BRL	1.58	<10.0	<2.00	<1.00	<1.00	<5.00
MW-11	6/1/2005	96.64	7.84	ND	ND	88.80	**461**	**1,410**	**1,690**	5,380	8,941	**748**	185	NA	NA	NA	NA
	12/7/2005	96.64	8.48	ND	ND	88.16	**504**	488	**839**	2,500	4,331	**614**	<130	NA	NA	NA	NA
	5/24/2006	96.64	8.52	ND	ND	88.12	**270**	317	**729**	1,920	3,236	**422**	<130	NA	NA	NA	NA
	11/7/2006	96.64	6.10	ND	ND	90.54	**148**	117	463	921	1,649	**206**	55.8	NA	NA	NA	NA
	6/21/2007	96.64	8.16	ND	ND	88.48	**102**	64.0	341	423	930	**185**	<25	NA	NA	NA	NA
	12/11/2007	96.64	9.15	ND	ND	87.49	**275**	307	**833**	2,060	3,475	**328**	<250	NA	NA	NA	NA
	3/24/2008	96.64	6.07	ND	ND	90.57	**135**	117	443	1,160	1,855	**289**	69.3 J	NA	NA	NA	NA
	6/29/2008	96.64	7.96	ND	ND	88.68	**14.0**	12.4	12.7	159	198	**65.4**	<25	<5	<5	4.2 J	**19.0**
	8/14/2008	96.64	7.78	ND	ND	88.86	3.0	0.42 J	0.96 J	6	10.5 J	**36.7**	<25	<5	<5	0.92 J	**2.1 J**
	11/20/2008	96.64	9.18	ND	ND	87.46	**131**	89.5	**738**	1,570	2,529	**214**	<130	<25	<25	<25	**212**
	2/11/2009	96.64	6.87	ND	ND	89.77	**65.8**	63.1	333	781	1,243	**149**	34.8	<5	<5	10.7	**87.3**
	4/21/2009	96.64	5.68	ND	ND	90.96	**60.6**	48.9	360	758	1,228	**142**	34.5 J	<13	<13	10.9 J	**84.9**
	7/31/2009	96.64	8.45	ND	ND	88.19	**60.4**	47.0	521	523	1,151	**169**	<50	<10	<10	11.9	**118**
	10/13/2009	96.64	6.73	ND	ND	89.91	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	96.64	6.23	ND	ND	90.41	<1	<1	<1	<1	BRL	16.1	<25	<5	<5	<5	<5
	1/12/2010	96.64	5.22	ND	ND	91.42	**8.9**	4.5	70.9	95	180	19.2	<25	<5	<5	1.4 J	**16.0**
	4/21/2010	96.64	4.93	ND	ND	91.71	**29.6**	11.3	198	241	480	**76.1**	16.2 J	<5	<5	4.5 J	**51.8**
	7/22/2010	96.64	9.31	ND	ND	87.33	**78.7**	64.2	**884**	1,210	2,237	**206**	<63	<13	<13	17.4	**213**
	11/23/2010	96.64	8.85	ND	ND	87.79	**103**	65.4	422	566	1,156	**176**	30.8	<5	<5	11.8	**143**
	3/2/2011	96.64	5.96	ND	ND	90.68	**4.64**	4	47	66	121	12.8	<20	<1	<1	<1	**9.29**
	5/19/2011	96.64	5.99	ND	ND	90.65	**16.4**	12	126	203	357	**41.7**	<20	<1	<1	<1	**35.2**
	7/12/2011	96.64	8.58	ND	ND	88.06	**51.6**	37.8	432	487	1,008.4	**120**	<20	<1	<1	8.06	**87.5**
	10/24/2011	96.64	6.36	ND	ND	90.28	**15.6**	12	158	218	403.6	**36.4**	<10	<1	<1	2.31	**44.8**
	2/8/2012	96.64	5.96	ND	ND	90.68	**9.95**	10.4	143	228	391	**26**	<10	<1	<1	<1	**41.5**
	5/22/2012	96.64	9.10	ND	ND	87.54	**31.4**	17	291	404	743.4	**87.4**	13.3	<1	<1	6.17	**65.9**
	8/14/2012	96.64	10.51	ND	ND	86.13	**71.2**	56.8	**848**	1,270	2,246.0	**142**	<10	<2	<1	9.86	**157**
	10/4/2012	96.64	10.82	ND	ND	85.82	**103**	72.9	667	967	1,809.9	**148**	32.7	<2	<1	12.1	**193**
	2/22/2013	96.64	6.40	ND	ND	90.24	**8.17 [10.2]**	4.39 [6.51]	92.7 [129]	70.3 [125]	175.56 [270.71]	<1 [14.1]	<10 [<10]	<2 [<2]	<1 [<1]	<1 [1.1]	**24.6 [9.39]**
	5/1/2013	96.64	6.63	ND	ND	90.01	**15.9**	15.6	251	455	737.5	**52.4**	<10	<2	<1	3.87	**76**
	8/6/2013	96.64	5.23	ND	ND	91.41	2.91	<1	15	7.81	25.72	8.31	<10	<2	<1	<1	**16.3**
	10/3/2013	96.64	6.88	ND	ND	89.76	**6.65**	1.89	70.8	36.4	115.74	**21.0**	<10	<2	<1	1.56	**42.2**
	3/6/2014	96.64	4.42	ND	ND	92.22	<1	1.05	3.85	7.92	12.82	<1	<10	<2	<1	<1	<5
	6/12/2014	96.64	5.34	ND	ND	91.30	1.10	1.33	15.2	13.2	30.83	3.44	<10	<2	<1	<1	**7.40**
	9/19/2014	96.64	9.59	ND	ND	87.05	**12.1**	9.91	210	244	476.01	**39.1**	<10	<2	<1	3.63	**77.8**
	11/13/2014	96.64	8.39	ND	ND	88.25	**13.8**	11.8	304	328	657.6	**46.5**	<10	<2	<1	3.72	**36.1**

Table 1
Groundwater Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Gauging Data					Analytical Data										
Well ID	Date	Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	DIPE	ETBE	TAME	Naphthalene
MEAT Groundwater Standard							**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-11 Cont.	3/25/2015	96.64	4.65	ND	ND	91.99	1.06	1.34	36.6	23.3	62.30	2.52	<10	<2	<1	<1	**11.2**
	6/25/2015	96.64	4.91	ND	ND	91.73	1.09	1.36	12.9	15.6	30.95	3.87	<10	<2	<1	<1	**8.86**
	7/29/2015	96.64	5.80	ND	ND	90.84	1.83	1.23	37.8	31.9	72.76	6.38	<10	<2	<1	<1	**16.6**
	10/29/2015	96.64	6.71	ND	ND	89.93	4.37	2.77	114	72.2	193.34	**20.3**	<10	<2	<1	<1	**44.5**
	2/10/2016	96.64	4.04	ND	ND	92.60	<1	<1	<1	<2	BRL	<1	<10	<1	<1	<1	<1
	5/9/2016	96.64	5.89	ND	ND	90.75	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/16/2016	96.64	9.17	ND	ND	87.47	**6.15**	5.84	154	188	353.99	**30.0**	<10.0	<2.00	<1.00	2.64	**93.7**
	11/8/2016	96.64	10.25	ND	ND	86.39	**7.29**	4.75	177	153	342.04	**34.1**	<10.0	<2.00	<1.00	2.52	**78.4**
	3/7/2017	96.64	9.23	ND	ND	87.41	<1.00	<1.00	37.8	13.5	51.3	<1.00	<10.0	<2.00	<1.00	<1.00	**8.31**
MW-12	6/1/2005	100.00	10.50	ND	ND	89.50	3.6	<2	<2	<2	3.6	**283**	<50	NA	NA	NA	NA
	12/7/2005	100.00	12.65	ND	ND	87.35	0.45 J	<1	0.72 J	1.3	2.5 J	**135**	<25	NA	NA	NA	NA
	5/24/2006	100.00	13.16	ND	ND	86.84	4.0	25.1	31.7	101	162	**198**	<50	NA	NA	NA	NA
	11/7/2006	100.00	8.19	ND	ND	91.81	1.2	7.6	26.9	75.0	110.7	**161**	<25	NA	NA	NA	NA
	6/21/2007	100.00	12.97	ND	ND	87.03	1.8	7.3	15.4	48.6	73.1	**224**	<25	NA	NA	NA	NA
	12/11/2007	100.00	15.78	ND	ND	84.22	<1	0.92 J	16.6	56.3	73.8 J	**25.7**	<25	NA	NA	NA	NA
	3/24/2008	100.00	7.98	ND	ND	92.02	0.84 J	0.38 J	1.3	4.1	6.6 J	**144**	11.2 J	NA	NA	NA	NA
	6/29/2008	100.00	12.35	ND	ND	87.65	0.85 J	<1	<1	<1	0.85 J	**153**	9.8 J	<5	<5	27.4	**1.4 J**
	8/14/2008	100.00	13.85	ND	ND	86.15	<1	<1	<1	<1	BRL	**126**	<25	<5	<5	21.6	<5
	11/20/2008	100.00	14.53	ND	ND	85.47	<1	<1	<1	<1	BRL	**56.0**	<25	<5	<5	<5	<5
	2/11/2009	100.00	9.07	ND	ND	90.93	0.31 J	<1	0.31 J	0.81 J	1.43 J	**114**	<25	<5	<5	14.3	**1.4 J**
	4/21/2009	100.00	8.62	ND	ND	91.38	<1	<1	<1	<1	BRL	**96.7**	13.2 J	<5	<5	16.6	<5
	7/31/2009	100.00	13.86	ND	ND	86.14	<1	1.5	0.61 J	1.6	3.7 J	**96.7**	<25	<5	<5	18.0	<5
	10/13/2009	100.00	10.90	ND	ND	89.10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	100.00	8.54	ND	ND	91.46	<1	<1	<1	<1	BRL	**38.8**	<25	<5	<5	4.9 J	<5
	1/12/2010	100.00	7.36	ND	ND	92.64	0.32 J	<1	<1	<1	0.32 J	**90.4**	<25	<5	<5	<5	<5
	4/21/2010	100.00	7.39	ND	ND	92.61	1.4	<1	0.86 J	0.64 J	2.9 J	**80.9**	9.5 J	<5	<5	13.2	**2.6 J**
	7/22/2010	100.00	15.90	ND	ND	84.10	<1	1.1	1.3	5.0	7.4	**53.0**	<25	<5	<5	13.1	<5
	11/23/2010	100.00	14.50	ND	ND	85.50	<1	<1	0.42 J	1.4	1.8 J	19.1	<25	<5	<5	3.2 J	<5
	3/2/2011	100.00	7.72	ND	ND	92.28	<1 [<1]	<1 [<1]	<1 [<1]	<3 [<3]	BRL	**36.8 [35.5]**	<20 [<20]	<1 [<1]	<1 [<1]	6.32 [5.99]	<5 [<5]
	5/19/2011	100.00	8.63	ND	ND	91.37	<1 [<1]	<1 [<1]	1.15 [1.02]	<3 [<3]	BRL	**60.9 [54.1]**	<20 [<20]	<1 [<1]	<1 [<1]	<1 [10.6]	**5.01 [<5]**
	7/12/2011	100.00	14.09	ND	ND	85.91	<1	<1	<1	<3	BRL	**37**	<20	<1	<1	6.78	<5
	10/24/2011	100.00	8.48	ND	ND	91.52	<1	1.62	<1	<3	1.62	**28.9**	<10	<1	<1	4.82	<5
	2/8/2012	100.00	8.33	ND	ND	91.67	<1	<1	<1	<3	BRL	**43.9**	<10	<1	<1	<1	<5
	5/22/2012	100.00	14.55	ND	ND	85.45	<1	<1	<1	<3	BRL	**27.1**	<10	<1	<1	4.11	<5
	8/14/2012	100.00	17.95	ND	ND	82.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/4/2012	100.00	Dry	ND	ND	Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/22/2013	100.00	8.42	ND	ND	91.58	<1	<1	<1	<3	BRL	9.48	<10	<2	<1	1.41	<5
	5/1/2013	100.00	9.13	ND	ND	90.87	<1	<1	<1	<3	BRL	**27.4**	<10	<2	<1	5.24	<5
	8/6/2013	100.00	7.25	ND	ND	92.75	<1	<1	<1	<2	BRL	16.7	<10	<2	<1	3.06	<5
	10/3/2013	100.00	9.83	ND	ND	90.17	<1	<1	<1	<2	BRL	13.7	<10	<2	<1	<1	<5
	3/6/2014	100.00	6.91	ND	ND	93.09	<1	<1	<1	<3	BRL	15.2	<10	<2	<1	2.46	<5
	6/12/2014	100.00	8.38	ND	ND	91.62	<1	<1	<1	<2	BRL	9.81	<10	<2	<1	1.86	<5
	9/19/2014	100.00	16.21	ND	ND	83.79	<1	<1	<1	<2	BRL	7.25	<10	<2	<1	1.16	<5
	11/13/2014	100.00	13.29	ND	ND	86.71	<1	<1	<1	<2	BRL	3.28	<10	<2	<1	<1	<5

Table 1
Groundwater Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Gauging Data					Analytical Data										
Well ID	Date	Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	DIPE	ETBE	TAME	Naphthalene
MEAT Groundwater Standard							**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-12 Cont	3/25/2015	100.00	6.73	ND	ND	93.27	<1	<1	<1	<2	BRL	4.55	<10	<2	<1	<1	<5
	6/25/2015	100.00	7.31	ND	ND	92.69	<1	<1	<1	<3	BRL	5.87	<10	<2	<1	1.38	<5
	7/29/2015	100.00	8.58	ND	ND	91.42	<1	<1	<1	<3	BRL	5.73	<10	<2	<1	1.35	<5
	10/29/2015	100.00	13.98	ND	ND	86.02	<1	<1	<1	<3	BRL	1.77	<10	<2	<1	<1	<5
	2/10/2016	100.00	6.51	ND	ND	93.49	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/9/2016	100.00	8.49	ND	ND	91.51	<1	<1	<1	<3	BRL	1.39	<10	<2	<1	<1	<5
	8/16/2016	100.00	15.12	ND	ND	84.88	<1.00	16.6	<1.00	<3.00	16.6	5.47	<10.0	<2.00	<2.00	<1.00	<5.00
	11/8/2016	100.00	17.17	ND	ND	82.83	<1.00	<1.00	<1.00	<3.00	BRL	1.16	<10.0	<2.00	<1.00	<1.00	<5.00
	3/7/2017	100.00	14.44	ND	ND	85.56	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
MW-13	6/1/2005	94.38	9.60	ND	ND	84.78	0.99 J	11.7	62.3	225	300 J	2.2	<25	NA	NA	NA	NA
	12/7/2005	94.38	10.93	ND	ND	83.45	<1	<1	<1	<1	BRL	<1	<25	NA	NA	NA	NA
	5/24/2006	94.38	12.06	ND	ND	82.32	1.4	16.3	25.5	83.9	127.1	<1	<25	NA	NA	NA	NA
	11/7/2006	94.38	7.87	ND	ND	86.51	<1	1.5	7.3	21.2	30.0	<1	<25	NA	NA	NA	NA
	6/21/2007	94.38	11.29	ND	ND	83.09	<1	7.0	15.4	48.0	70.4	<1	<25	NA	NA	NA	NA
	12/11/2007	94.38	11.61	ND	ND	82.77	<1	0.76 J	10.5	31.0	42.3 J	<1	<25	NA	NA	NA	NA
	3/24/2008	94.38	7.58	ND	ND	86.80	<1	1.8	21.8	63.7	87.3	2.1	<25	NA	NA	NA	NA
	6/29/2008	94.38	11.11	ND	ND	83.27	<1	<1	<1	0.91 J	0.91 J	0.46 J	<25	<5	<5	<5	<5
	8/14/2008	94.38	12.62	ND	ND	81.76	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	11/20/2008	94.38	11.97	ND	ND	82.41	<1	<1	0.56 J	1.3	1.9 J	0.64 J	<25	<5	<5	<5	<5
	2/11/2009	94.38	9.52	ND	ND	84.86	<1	2.0	25.3	73.5	100.8	3.5	<25	<5	<5	<5	**11.8**
	4/21/2009	94.38	3.75	ND	ND	90.63	<1	0.45 J	8.0	18.3	26.8 J	1.7	<25	<5	<5	<5	**3.2 J**
	7/31/2009	94.38	12.49	ND	ND	81.89	1.2	1.3	2.1	9.3	13.9	5.5	<25	<5	<5	<5	**5.3**
	10/13/2009	94.38	10.00	ND	ND	84.38	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	10/27/2009	94.38	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/12/2010	94.38	6.36	ND	ND	88.02	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	4/21/2010	94.38	6.55	ND	ND	87.83	<1	<1	<1	<1	BRL	1.5	<25	<5	<5	<5	<5
	7/22/2010	94.38	14.77	ND	ND	79.61	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	11/23/2010	94.38	14.40	ND	ND	79.98	<1	<1	0.44 J	1.1	1.5 J	0.46 J	<25	<5	<5	<5	<5
	3/2/2011	94.38	4.58	ND	ND	89.80	<1	<1	5.25	11.8	17	<1	<20	<1	<1	<1	<5
	5/19/2011	94.38	8.85	ND	ND	85.53	<1	<1	13.9	46.5	60	3.27	<20	<1	<1	<1	**7.24**
	7/12/2011	94.38	12.63	ND	ND	81.75	<1	<1	14	43	57	5.76	<20	<1	<1	<1	**17.1**
	10/24/2011	94.38	6.83	ND	ND	87.55	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	2/8/2012	94.38	5.90	ND	ND	88.48	<1	<1	1.78	3.88	6	<1	<10	<1	<1	<1	<5
	5/22/2012	94.38	13.05	ND	ND	81.33	<1	<1	2.72	<3	2.72	2.09	<10	<1	<1	<1	<5
	8/14/2012	94.38	17.93	ND	ND	76.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/4/2012	94.38	17.96	ND	ND	76.42	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/22/2013	94.38	6.63	ND	ND	87.75	<1	<1	2.8	5.07	7.87	<1	<10	<2	<1	<1	<5
	5/1/2013	94.38	9.34	ND	ND	85.04	<1	<1	9.56	25.6	35.16	1.95	28	<2	<1	<1	<5
	8/6/2013	94.38	5.22	ND	ND	89.16	<1	<1	3.34	5.64	8.98	1.56	<10	<2	<1	<1	**5.24**
	10/3/2013	94.38	8.91	ND	ND	85.47	<1	<1	6.58	19.4	25.98	2.41	<10	<2	<1	<1	<5
	3/6/2014	94.38	3.95	ND	ND	90.43	<1	<1	1.97	<3	1.97	<1	<10	<2	<1	<1	<5
	6/12/2014	94.38	5.88	ND	ND	88.50	<1	<1	11.9	30.2	42.1	1.98	<10	<2	<1	<1	<5
	9/19/2014	94.38	14.89	ND	ND	79.49	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	11/13/2014	94.38	11.54	ND	ND	82.84	<1	1.35	<1	<2	1.35	<1	<10	<2	<1	<1	<5

Table 1
Groundwater Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Gauging Data					Analytical Data										
Well ID	Date	Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	DIPE	ETBE	TAME	Naphthalene
MEAT Groundwater Standard							**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-13 Cont.	3/25/2015	94.38	4.68	ND	ND	89.70	<1	<1	2.59	<2	2.59	1.29	<10	<2	<1	<1	<5
	6/25/2015	94.38	3.94	ND	ND	90.44	<1	<1	<1	<3	BRL	8.19	28.6	<2	<1	<1	<5
	7/29/2015	94.38	7.66	ND	ND	86.72	<1	<1	16.9	32.4	49.3	3.22	<10	<2	<1	<1	**5.68**
	10/29/2015	94.38	8.89	ND	ND	85.49	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	2/10/2016	94.38	2.29	ND	ND	92.09	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/9/2016	94.38	4.59	ND	ND	89.79	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/16/2016	94.38	14.08	ND	ND	80.30	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	11/9/2016	94.38	16.71	ND	ND	77.67	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	3/7/2017	94.38	11.75	ND	ND	82.63	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
MW-14	6/1/2005	93.10	11.90	ND	ND	81.20	**456**	51.1	50.8	144	702	**102**	<50	NA	NA	NA	NA
	12/7/2005	93.10	11.58	ND	ND	81.52	<1	5.3	<1	<1	5.3	<1	<25	NA	NA	NA	NA
	5/24/2006	93.10	12.88	ND	ND	80.22	**66.7**	14.8	23.5	86.1	191.1	**25.9**	23.2 J	NA	NA	NA	NA
	11/7/2006	93.10	8.87	ND	ND	84.23	**62.9**	3.1	8.8	35.9	110.7	**28.5**	24.4 J	NA	NA	NA	NA
	6/21/2007	93.10	12.69	ND	ND	80.41	**580**	75.8	87.3	225	968	**142**	141	NA	NA	NA	NA
	12/11/2007	93.10	10.25	ND	ND	82.85	<1	0.31 J	2.9	9.5	12.7 J	<1	<25	NA	NA	NA	NA
	3/24/2008	93.10	8.40	ND	ND	84.70	4.7	0.41 J	0.47 J	1	7 J	5.3	<25	NA	NA	NA	NA
	6/29/2008	93.10	12.50	ND	ND	80.60	**27.0**	2.8	1.7	19.8	51.3	**32.5**	11.3 J	<5	<5	<5	**2.9 J**
	8/14/2008	93.10	14.52	ND	ND	78.58	**104**	0.33 J	1.3	11.5	117 J	**61.7**	42.2	0.80 J	<5	<5	**15.9**
	11/20/2008	93.10	12.32	ND	ND	80.78	0.72 J	<1	<1	<1	0.72 J	2.4	<25	<5	<5	<5	<5
	2/11/2009	93.10	10.33	ND	ND	82.77	**19.8**	1.1	1.2	2.7	24.8	18.2	11.3 J	<5	<5	<5	**1.5 J**
	4/21/2009	93.10	7.85	ND	ND	85.25	2.0	<1	<1	<1	2.0	3.6	<25	<5	<5	<5	<5
	7/31/2009	93.10	13.09	ND	ND	80.01	**109**	4.9	1.7	33.1	149	**69.6**	44.2	1.1 J	<5	<5	**11.2**
	10/13/2009	93.10	11.37	ND	ND	81.73	**41.7**	4.4	<1	7.3	53.4	**23.7**	17.1 J	0.38 J	<5	<5	**6.0**
	10/27/2009	93.10	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/12/2010	93.10	8.54	ND	ND	84.56	<1	<1	<1	<1	BRL	7.1	<25	<5	<5	<5	<5
	4/21/2010	93.10	5.98	ND	ND	87.12	**45**	10.1	9.0	38.0	102.1	**39.6**	21.4 J	0.57 J	<5	<5	**10.4**
	7/22/2010	93.10	15.94	ND	ND	77.16	**118**	0.61 J	0.90 J	20.4	140 J	**109**	100	1.9 J	<5	<5	**28.8**
	11/23/2010	93.10	17.50	ND	ND	75.60	<1	0.50 J	0.54 J	0.27 J	1.31 J	<1	<25	<5	<5	<5	**1.6 J**
	3/2/2011	93.10	7.59	ND	ND	85.51	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	5/19/2011	93.10	9.91	ND	ND	83.19	**28.1**	17.9	22.4	62.7	131	**49.4**	<20	<1	<1	<1	**8.02**
	7/12/2011	93.10	13.98	ND	ND	79.12	**161 [151]**	<1 [<1]	11.5 [9.9]	61.9 [52.7]	234.4 [213.6]	**79.1 [78.4]**	31.7 [31.1]	<1 [<1]	<1 [<1]	1.29 [1.27]	**42.2 [35.7]**
	10/24/2011	93.10	9.91	ND	ND	83.19	**14.6 [13.3]**	<1 [<1]	<1 [<1]	4.11 [3.67]	18.71 [16.97]	14.1 [13]	<10 [<10]	<1 [<1]	<1 [<1]	<1 [<1]	<5 [<5]
	2/8/2012	93.10	9.09	ND	ND	84.01	**9.79**	<1	<1	6.09	16	17.4	<10	<1	<1	<1	<5
	5/22/2012	93.10	15.07	ND	ND	78.03	**22.4**	<1	<1	<3	22.4	**65.1**	13	<1	<1	<1	**7.29**
	8/14/2012	93.10	18.05	ND	ND	75.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/4/2012	93.10	Dry	ND	ND	Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/22/2013	93.10	9.57	ND	ND	83.53	<1	1.32	3.46	12.2	16.98	<1	<10	<2	<1	<1	<5
	5/1/2013	93.10	10.82	ND	ND	82.28	<1	<1	<1	<3	BRL	5.7	<10	<2	<1	<1	<5
	8/6/2013	93.10	7.67	ND	ND	85.43	2.4	<1	<1	8.29	10.69	10.1	<10	<2	<1	<1	<5
	10/3/2013	93.10	11.24	ND	ND	81.86	**10.6**	<1	<1	2.58	13.18	**24.9**	<10	<2	<1	<1	**9.44**
	3/6/2014	93.10	7.26	ND	ND	85.84	<1	<1	<1	<3	BRL	1.15	<10	<2	<1	<1	<5
	6/12/2014	93.10	9.68	ND	ND	83.42	**31.2**	5.76	9.49	41.8	88.25	**41.7**	20.7	<2	<1	<1	**15.3**
	9/19/2014	93.10	16.21	ND	ND	76.89	**22.3**	<1	<1	2.93	25.23	**39.0**	10.3	<2	<1	1.12	**7.41**
	11/13/2014	93.10	12.59	ND	ND	80.51	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5

Table 1
Groundwater Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Gauging Data					Analytical Data										
Well ID	Date	Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	DIPE	ETBE	TAME	Naphthalene
MEAT Groundwater Standard							**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-14 Cont.	3/25/2015	93.10	7.83	ND	ND	85.27	1.09	<1	<1	<2	1.09	3.69	<10	<2	<1	<1	<5
	6/25/2015	93.10	7.16	ND	ND	85.94	<1	<1	<1	<3	BRL	1.11	<10	<2	<1	<1	<5
	7/29/2015	93.10	9.53	ND	ND	83.57	4.21	<1	<1	<3	4.21	5.88	<10	<2	<1	<1	<5
	10/29/2015	93.10	9.30	ND	ND	83.80	<1	<1	<1	<3	BRL	1.43	<10	<2	<1	<1	<5
	2/10/2016	93.10	4.78	ND	ND	88.32	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/9/2016	93.10	9.00	ND	ND	84.10	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/16/2016	93.10	15.00	ND	ND	78.10	<1.00	8.62	<1.00	<3.00	8.62	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	11/9/2016	93.10	17.25	ND	ND	75.85	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	3/7/2017	93.10	12.32	ND	ND	80.78	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
MW-15	6/1/2005	92.40	8.31	ND	ND	84.09	1.6	<1	0.87 J	2.3	4.8 J	<1	<25	NA	NA	NA	NA
	12/7/2005	92.40	6.02	ND	ND	86.38	<1	<1	<1	<1	BRL	<1	<25	NA	NA	NA	NA
	5/24/2006	92.40	8.51	ND	ND	83.89	0.68 J	8.5	15.8	51.7	76.7 J	<1	<25	NA	NA	NA	NA
	11/7/2006	92.40	5.32	ND	ND	87.08	<1	2.7	10.7	31.9	45.3	<1	<25	NA	NA	NA	NA
	6/21/2007	92.40	11.29	ND	ND	81.11	1.8	5.0	11.6	35.5	53.9	<1	<25	NA	NA	NA	NA
	12/11/2007	92.40	7.31	ND	ND	85.09	<1	<1	1.6	5.3	6.9	<1	<25	NA	NA	NA	NA
	3/24/2008	92.40	5.22	ND	ND	87.18	0.78 J	<1	<1	<1	0.78 J	<1	<25	NA	NA	NA	NA
	6/29/2008	92.40	7.79	ND	ND	84.61	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	8/14/2008	92.40	9.00	ND	ND	83.40	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	11/20/2008	92.40	4.84	ND	ND	87.56	1.2	<1	<1	<1	1.2	<1	<25	<5	<5	<5	<5
	2/11/2009	92.40	6.66	ND	ND	85.74	2.3	<1	0.63 J	0.65 J	3.6 J	<1	<25	<5	<5	<5	**2.0 J**
	4/21/2009	92.40	1.90	ND	ND	90.50	0.60 J	<1	<1	<1	0.60 J	1.1	<25	<5	<5	<5	<5
	7/31/2009	92.40	8.55	ND	ND	83.85	0.55 J	4.7	1.5	4.6	11.4 J	<1	<25	<5	<5	<5	<5
	10/13/2009	92.40	7.90	ND	ND	84.50	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	10/27/2009	92.40	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	1/12/2010	92.40	5.21	ND	ND	87.19	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	4/21/2010	92.40	5.88	ND	ND	86.52	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	7/22/2010	92.40	10.31	ND	ND	82.09	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	11/23/2010	92.40	11.14	ND	ND	81.26	1.7	<1	0.34 J	0.27 J	2.3 J	<1	<25	<5	<5	<5	<5
	3/2/2011	92.40	3.94	ND	ND	88.46	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	5/19/2011	92.40	6.56	ND	ND	85.84	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	7/12/2011	92.40	8.88	ND	ND	83.52	1.4	<1	<1	<3	1.4	<1	<20	<1	<1	<1	<5
	10/24/2011	92.40	6.76	ND	ND	85.64	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	2/8/2012	92.40	7.45	ND	ND	84.95	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	5/22/2012	92.40	9.45	ND	ND	82.95	1.89	<1	<1	<3	1.89	<1	<10	<1	<1	<1	<5
	8/14/2012	92.40	11.82	ND	ND	80.58	4.05	<1	1.88	<3	5.93	<1	<10	<2	<1	<1	<5
	10/4/2012	92.40	13.96	ND	ND	78.44	**10.5**	<1	8.57	<3	19.07	<1	<10	<2	<1	<1	<5
	2/22/2013	92.40	6.10	ND	ND	86.30	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/1/2013	92.40	7.11	ND	ND	85.29	<1	1.04	2.47	7.96	11.47	<1	15.5	<2	<1	<1	<5
	8/6/2013	92.40	4.15	ND	ND	88.25	<1	<1	1	2.97	3.97	<1	<10	<2	<1	<1	**5.86**
	10/3/2013	92.40	7.41	ND	ND	84.99	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	3/6/2014	92.40	4.46	ND	ND	87.94	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	6/12/2014	92.40	6.78	ND	ND	85.62	1.78	<1	<1	<2	1.78	<1	<10	<2	<1	<1	<5
	9/19/2014	92.40	10.42	ND	ND	81.98	**5.75**	<1	1.53	<2	7.28	<1	<10	<2	<1	<1	**5.79**
	11/13/2014	92.40	8.89	ND	ND	83.51	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5

Table 1
Groundwater Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Gauging Data					Analytical Data										
Well ID	Date	Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	DIPE	ETBE	TAME	Naphthalene
MEAT Groundwater Standard							**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-15 Cont.	3/25/2015	92.40	4.86	ND	ND	87.54	<1	<1	<1	2.09	2.09	<1	<10	<2	<1	<1	<5
	6/25/2015	92.40	3.78	ND	ND	88.62	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	7/29/2015	92.40	6.74	ND	ND	85.66	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	10/29/2015	92.40	9.24	ND	ND	83.16	1.96	<1	<1	<3	1.96	<1	<10	<2	<1	<1	<5
	2/10/2016	92.40	3.94	ND	ND	88.46	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/9/2016	92.40	5.72	ND	ND	86.68	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/16/2016	92.40	9.87	ND	ND	82.53	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	11/8/2016	92.40	11.11	ND	ND	81.29	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	3/7/2017	92.40	8.15	ND	ND	84.25	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
MW-16	6/1/2005	90.30	7.42	ND	ND	82.88	<1	<1	<1	<1	BRL	<1	<25	NA	NA	NA	NA
	12/7/2005	90.30	6.12	ND	ND	84.18	<1	<1	<1	<1	BRL	<1	<25	NA	NA	NA	NA
	5/24/2006	90.30	7.50	ND	ND	82.80	<1	2.0	6.0	31.6	39.6	<1	<25	NA	NA	NA	NA
	11/7/2006	90.30	5.16	ND	ND	85.14	0.51 J	4.7	17.8	51.1	74.1 J	<1	<25	NA	NA	NA	NA
	6/21/2007	90.30	8.50	ND	ND	81.80	<1	9.8	19.8	61.8	91.4	<1	<25	NA	NA	NA	NA
	12/11/2007	90.30	5.84	ND	ND	84.46	<1	<1	1.0	3.3	4.3	<1	<25	NA	NA	NA	NA
	3/24/2008	90.30	5.13	ND	ND	85.17	<1	<1	<1	<1	BRL	<1	<25	NA	NA	NA	NA
	6/29/2008	90.30	7.19	ND	ND	83.11	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	8/14/2008	90.30	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/20/2008	90.30	9.43	ND	ND	80.87	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	2/11/2009	90.30	6.05	ND	ND	84.25	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	4/21/2009	90.30	4.15	ND	ND	86.15	<1	<1	<1	<1	BRL	0.54 J	<25	<5	<5	<5	<5
	7/31/2009	90.30	6.50	ND	ND	83.80	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	10/13/2009	90.30	5.15	ND	ND	85.15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/27/2009	90.30	3.95	ND	ND	86.35	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	1/12/2010	90.30	5.16	ND	ND	85.14	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	4/21/2010	90.30	4.96	ND	ND	85.34	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	7/22/2010	90.30	8.49	ND	ND	81.81	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	11/23/2010	90.30	7.49	ND	ND	82.81	<1	<1	<1	<1	BRL	<1	<25	<5	<5	<5	<5
	3/2/2011	90.30	4.89	ND	ND	85.41	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	5/19/2011	90.30	5.36	ND	ND	84.94	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	7/12/2011	90.30	8.84	ND	ND	81.46	<1	<1	<1	<3	BRL	<1	<20	<1	<1	<1	<5
	10/24/2011	90.30	5.48	ND	ND	84.82	<1	<1	1.3	4.55	BRL	<1	<10	<1	<1	<1	<5
	2/8/2012	90.30	5.41	ND	ND	84.89	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	5/22/2012	90.30	8.83	ND	ND	81.47	<1	<1	<1	<3	BRL	<1	<10	<1	<1	<1	<5
	8/14/2012	90.30	11.87	ND	ND	78.43	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	10/4/2012	90.30	10.99	ND	ND	79.31	<1	<1	1.09	<3	1.09	<1	<10	<2	<1	<1	<5
	2/22/2013	90.30	5.70	ND	ND	84.60	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/1/2013	90.30	5.94	ND	ND	84.36	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/6/2013	90.30	4.56	ND	ND	85.74	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	10/3/2013	90.30	6.01	ND	ND	84.29	<1	<1	1.12	3.11	4.23	<1	<10	<2	<1	<1	<5
	3/6/2014	90.30	4.83	ND	ND	85.47	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	6/12/2014	90.30	5.65	ND	ND	84.65	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	9/19/2014	90.30	10.90	ND	ND	79.40	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	11/13/2014	90.30	8.55	ND	ND	81.75	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5

Table 1
Groundwater Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Gauging Data					Analytical Data										
Well ID	Date	Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	DIPE	ETBE	TAME	Naphthalene
MEAT Groundwater Standard							**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
MW-16 Cont.	3/25/2015	90.30	5.22	ND	ND	85.08	<1	<1	<1	<2	BRL	<1	<10	<2	<1	<1	<5
	6/25/2015	90.30	5.07	ND	ND	85.23	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	7/29/2015	90.30	6.17	ND	ND	84.13	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	10/29/2015	90.30	8.36	ND	ND	81.94	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	2/10/2016	90.30	4.90	ND	ND	85.40	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	5/9/2016	90.30	6.05	ND	ND	84.25	<1	<1	<1	<3	BRL	<1	<10	<2	<1	<1	<5
	8/16/2016	90.30	11.01	ND	ND	79.29	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	11/8/2016	90.30	10.05	ND	ND	80.25	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
	3/7/2017	90.30	8.34	ND	ND	81.96	<1.00	<1.00	<1.00	<3.00	BRL	<1.00	<10.0	<2.00	<1.00	<1.00	<5.00
INJ-1	2/22/2013	100.49	6.52	ND	ND	93.97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/1/2013	100.49	NM	ND	ND	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/6/2013	100.49	NM	ND	ND	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/3/2013	100.49	7.01	ND	ND	93.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/6/2014	100.49	3.63	ND	ND	96.86	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/12/2014	100.49	5.41	ND	ND	95.08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/18/2014	100.49	10.80	ND	ND	89.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/13/2014	100.49	9.47	ND	ND	91.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/25/2015	100.49	4.19	ND	ND	96.30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/25/2015	100.49	4.65	ND	ND	95.84	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2015	100.49	5.91	ND	ND	94.58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2015	100.49	8.97	ND	ND	91.52	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/10/2016	100.49	3.69	ND	ND	96.80	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/9/2016	100.49	6.06	ND	ND	94.43	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/16/2016	100.49	10.21	ND	ND	90.28	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/8/2016	100.49	12.03	ND	ND	88.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
INJ-2	2/22/2013	101.50	4.60	ND	ND	96.90	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/1/2013	101.50	NM	ND	ND	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/6/2013	101.50	NM	ND	ND	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/3/2013	101.50	3.38	ND	ND	98.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/6/2014	101.50	3.04	ND	ND	98.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/12/2014	101.50	3.01	ND	ND	98.49	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/18/2014	101.50	4.44	ND	ND	97.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/13/2014	101.50	3.52	ND	ND	97.98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/25/2015	101.50	2.95	ND	ND	98.55	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/25/2015	101.50	2.81	ND	ND	98.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2015	101.50	3.15	ND	ND	98.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2015	101.50	3.23	ND	ND	98.27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/10/2016	101.50	2.80	ND	ND	98.70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/9/2016	101.50	2.94	ND	ND	98.56	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/16/2016	101.50	4.27	ND	ND	97.23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/8/2016	101.50	4.92	ND	ND	96.58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 1
Groundwater Monitoring and Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Gauging Data					Analytical Data										
Well ID	Date	Top of Casing Elevation (ft AMSL)	Depth to Water (ft BTOC)	Depth to PSH (ft BTOC)	PSH Thickness (ft)	Corrected Groundwater Elevation (ft AMSL)	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	MTBE	TBA	DIPE	ETBE	TAME	Naphthalene
MEAT Groundwater Standard							**5.0**	**1,000**	**700**	**10,000**	**--**	**20**	**--**	**--**	**--**	**--**	**0.7**
INJ-3	2/22/2013	100.49	4.10	ND	ND	96.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/1/2013	100.49	NM	ND	ND	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/6/2013	100.49	NM	ND	ND	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/3/2013	100.49	4.41	ND	ND	96.08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/6/2014	100.49	3.57	ND	ND	96.92	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/12/2014	100.49	3.74	ND	ND	96.75	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/18/2014	100.49	5.81	ND	ND	94.68	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/13/2014	100.49	4.77	ND	ND	95.72	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	3/25/2015	100.49	3.70	ND	ND	96.79	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/25/2015	100.49	3.65	ND	ND	96.84	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/29/2015	100.49	4.16	ND	ND	96.33	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/29/2015	100.49	3.45	ND	ND	97.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	2/10/2016	100.49	3.03	ND	ND	97.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/9/2016	100.49	3.78	ND	ND	96.71	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/16/2016	100.49	5.31	ND	ND	95.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/8/2016	100.49	6.40	ND	ND	94.09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

1. All concentrations are reported in micrograms per liter (µg/L)
2. Bold Concentrations exceed the MEAT Groundwater Standard
3. Values listed inside brackets are duplicate sample results
4. Groundwater elevation is calculated in the presence of PSH by the following formula: (Top of Casing - Depth to Water) + (Thickness of PSH * Specific Gravity) where specific gravity of PSH is assumed to be 0.73

Definitions:

--: No Standard exists
<: Not detected at or above the listed laboratory reporting limit
AMSL: Above Mean Sea Level
BRL : Below laboratory reporting limits
BTEX: Benzene, toluene, ethylbenzene, and total xylenes
BTOC: Below Top of Casing
DIPE: Di-Isopropyl Ether
ETBE: Ethyl Tertiary Butyl Ether
F1: Matrix spike and/or Matrix Spike Duplicate are outside of recovery limits
F2: Matrix spike and/or Matrix Spike Duplicate exceed control limits
J: Indicates an estimated value
MTBE: Methyl Tert Butyl Ether
NA: Not Analyzed
ND: Not Detected
NM: Not Measured
NS: Not Sampled
PSH: Phase Seperated Hydrocarbons
TAME: Tertiary Amyl Methyl Ether
TBA: Tertiary Butyl Alcohol

Table 2
Summary of Statistical Analysis of Groundwater Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road, North East, Maryland

Constituent	Well	MEAT GWS (µg/L)[1]	Data Range						Linear Regression Analysis					
			Minimum Concentration (µg/L)	Maximum Concentration (µg/L)	Concentration Measured Most Recently (µg/L)	% of Data Above Laboratory Reporting Limit	Start Date	End Date	Coefficient of Determination, R-squared[2]	p-value of Correlation (Significance of Slope)	Attenuation Half-life (days)	Trend Direction	Significance of Trend[3]	Projected Year to Screening Level
Benzene	MW-1A	5	2	**560**	**14**	98	6/1/2005	3/7/2017	6.30E-01	2.17E-10	1,100	Decreasing	Significant	2023
	MW-2A	5	5	**1,740**	**56**	95	6/1/2005	3/7/2017	7.13E-01	1.11E-12	915	Decreasing	Significant	2025
	MW-5A	5	**5.00**	**136**	**5.00**	93	6/1/2005	3/7/2017	5.03E-01	1.45E-07	1,422	Decreasing	Significant	2021
	MW-11	5	*1*	**504**	*1*	86	6/1/2005	3/7/2017	5.80E-01	2.98E-09	571	Decreasing	Significant	In Compliance since 2014
	MW-14	5	0.72	**580**	*1*	61	6/1/2005	3/7/2017	2.76E-01	4.16E-04	786	Decreasing	Significant	In Compliance since 2012
Toluene	MW-1A	1,000	41	**5,770**	525	98	6/1/2005	3/7/2017	3.29E-01	5.73E-05	1,537	Decreasing	Significant	In Compliance since 2013
Ethylbenzene	MW-1A	700	159	**2,560**	436	100	6/1/2005	3/7/2017	6.26E-01	2.73E-10	1,796	Decreasing	Significant	In Compliance since 2014
	MW-2A	700	421	**3,310**	**1,300**	100	6/1/2005	3/7/2017	3.85E-01	9.07E-06	3,194	Decreasing	Significant	2021
	MW-5A	700	270	**1,670**	468	100	6/1/2005	3/7/2017	3.37E-01	5.56E-05	3,919	Decreasing	Significant	In Compliance since 2013
MTBE	MW-2A	20	*5*	**829**	*5*	93	6/1/2005	3/7/2017	7.28E-01	3.77E-13	814	Decreasing	Significant	2018
	MW-11	20	*1*	**748**	*1*	91	6/1/2005	3/7/2017	6.03E-01	9.20E-10	589	Decreasing	Significant	In Compliance since 2013
	MW-14	20	*1*	**142**	*1*	73	6/1/2005	3/7/2017	2.11E-01	2.51E-03	1,061	Decreasing	Significant	In Compliance since 2007
Naphthalene	MW-1A	0.7	**62**	**497**	**226**	97	6/29/2008	3/7/2017	4.38E-01	1.10E-05	2,348	Decreasing	Significant	2066
	MW-2A	0.7	**128**	**652**	**351**	100	6/29/2008	3/7/2017	2.36E-01	2.70E-03	4,043	Decreasing	Significant	2106
	MW-5A	0.7	**87**	**362**	**254**	100	6/29/2008	3/7/2017	1.62E-01	1.66E-02	5,194	Decreasing	Significant	2130
	MW-11	0.7	*1*	**213**	***8.31***	89	6/29/2008	3/7/2017	6.75E-02	1.26E-01	1,905	Decreasing	NS	NA

Notes, Abbreviations and Assumptions:
µg/L = micrograms per liter
NS = not significant
NA = not applicable due to increasing trend or non-significant trend
[1] MEAT = Maryland Environmental Assessment Technology Groundwater Standard.
[2] Linear regression analysis with R^2 values <0.1 and wide variation in concentrations were defined as having no apparent trend (No Trend).
[3] Statistically significant trend defined as having p-value ≤0.05 (keep one based on size of dataset).
Data in italics ND taken at reporting limit/reported value
Data in **bold** Concentration above screening level

Table 3
Monitored Natural Attenuation Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Laboratory Analytical				Field Parameters				
Well ID	Date	Sulfate (mg/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	Nitrate/Nitrite (mg/L)	pH (s.u.)	Conductivity (mS/cm)	Temperature (°C)	DO (mg/L)	ORP (mV)
MEAT Groundwater Standard		--	***2,600***	--	--	--	--	--	--	--
MW-1A	2/22/2013	NS	NS	NS	NS	6.42	0.236	12.22	0.69	-38
	5/1/2013	NS	NS	NS	NS	6.15	0.226	14.17	0.25	-27.2
	8/6/2013	NS	Jul-06	NS	NS	5.85	0.232	17.26	1.49	81.9
	10/3/2013	NS	NS	NS	NS	5.48	0.239	19.48	0.82	30.4
	3/6/2014	NS	NS	NS	NS	6.26	0.228	13.22	4.08	-54.2
	6/12/2014	NS	NS	NS	NS	6.00	0.216	14.73	0.33	-10.6
	9/19/2014	<1 [<1]	5.85 [5.35]	4.19 [4.30]	<0.1 [<0.1]	6.06	0.172	18.81	0.28	-139.1
	11/13/2014	<1 [<1]	4.41 [4.47]	3.63 [3.58]	<0.1 [<0.1]	6.10	0.227	19.22	3.04	-17.6
	3/25/2015	<1 [<1]	9.47 [8.89]	1.11 [0.884]	<0.1 [<0.1]	6.03	0.247	11.98	1.06	-61.3
	6/25/2015	<1 [<1]	4.94 [5.43]	3.24 [2.43]	<0.1 [<0.1]	6.04	0.263	17.09	1.19	-44.0
	7/29/2015	<1 {<1]	6.25 [6.31]	4.68 [4.84]	<0.1 [0.1]	11.32	0.245	17.57	0.18	-185.6
	10/29/2015	<1 [<1]	9.38 [9.21]	--	<0.1 [<0.1]	6.38	0.239	19.51	0.45	-233.0
	2/10/2016	1.24 [1.25]	5.64 [5.46]	4.21 [4.70]	<0.10 [<0.10]	5.98	0.167	10.39	1.47	14.5
	5/10/2016	<1 [<1]	6.81 [6.62]	5.17 [5.15]	<0.1 [<0.1]	6.40	0.195	14.32	0.28	-7.8
	8/16/2016	1.73	6.30	1.46	<0.100	6.11	0.241	25.80	0.74	-21.6
	11/8/2016	1.19 F1	4.59	3.79	<0.100	6.14	0.209	17.73	NR	-39.0
MW-2A	2/22/2013	NS	NS	NS	NS	6.49	0.360	12.81	3.42	-49
	5/1/2013	NS	NS	NS	NS	6.49	0.328	14.52	0.29	-100.9
	8/6/2013	NS	NS	NS	NS	6.24	0.349	17.34	0.48	9.8
	10/3/2013	NS	NS	NS	NS	6.22	0.328	20.25	0.24	-63.4
	3/6/2014	NS	NS	NS	NS	6.71	0.334	11.24	4.37	-95.8
	6/12/2014	NS	NS	NS	NS	6.37	0.338	15.45	0.31	-66.5
	9/19/2014	1.76	41.0	5.08	<0.1	6.33	0.319	20.17	0.70	-106.3
	11/13/2014	<1	14.1	5.07	<0.1	6.46	0.369	18.97	3.17	-77.4
	3/25/2015	<1	9.94	1.08	<0.1	6.37	0.315	9.53	2.29	-37.4
	6/25/2015	9,990	11.6	1.46	<0.1	6.28	0.291	20.30	1.59	-52.3
	7/29/2015	<1	13.1	5.26	<0.1	11.39	0.317	18.00	0.24	-180.9
	10/29/2015	<1	18.6	--	<0.1	6.64	0.351	18.87	0.52	-188.7
	2/11/2016	<1.00	10.3	0.125	<0.1	7.85	0.212	8.60	1.17	-74.1
	5/10/2016	<1	18.1	2.29	<0.1	6.52	0.264	14.25	0.39	-28.0
	8/16/2016	<1.00	14.4	0.128	<0.100	5.93	0.272	26.31	0.99	-29.1
	11/8/2016	<1.00	9.23	1.20	<0.100	6.61	0.257	20.85	NR	-75.0
MW-3A	2/22/2013	NS	NS	NS	NS	6.91	0.535	13.68	4.10	152
	5/1/2013	NS	NS	NS	NS	6.79	0.437	14.45	2.39	125.8
	8/6/2013	NS	NS	NS	NS	6.68	0.345	16.84	5.07	273.5
	10/3/2013	NS	NS	NS	NS	4.96	0.309	18.66	0.45	24.7
	3/6/2014	NS	NS	NS	NS	7.34	0.269	14.17	8.89	42.7
	6/12/2014	NS	NS	NS	NS	6.59	0.351	15.14	4.28	56.5
	9/19/2014	38.4	0.855	<0.1	0.246	6.49	0.295	17.48	1.02	93.6
	11/13/2014	43.6	0.217	<0.1	1.34	6.93	0.293	18.72	6.00	-13.7
	3/25/2015	22.0	1.10	<0.1	1.20	7.04	0.357	11.53	7.77	205.9
	6/25/2015	116	0.736	<0.1	0.722	6.78	0.537	18.47	3.81	99.5
	7/29/2015	97.8	3.19	0.127	0.430	7.04	0.533	16.61	1.95	-133.9
	10/29/2015	61.5	8.42	--	0.896	7.20	0.391	18.52	3.52	-141.9
	2/12/2016	21.0	2.22	<0.100	0.952	7.56	0.259	7.97	2.49	36.1
	5/10/2016	31.1	<1	<1	0.883	7.19	0.235	14.92	5.32	200.5
	8/16/2016	67.6	0.141	<0.100	0.294	6.68	0.475	22.66	1.41	70.3
	11/8/2016	35.0	1.230	0.315	<0.100	6.58	0.262	21.35	NR	28.0
MW-4	6/1/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/7/2005	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/24/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/7/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/21/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/11/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 3
Monitored Natural Attenuation Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Laboratory Analytical				Field Parameters				
Well ID	Date	Sulfate (mg/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	Nitrate/Nitrite (mg/L)	pH (s.u.)	Conductivity (mS/cm)	Temperature (°C)	DO (mg/L)	ORP (mV)
MEAT Groundwater Standard		--	***2,600***	--	--	--	--	--	--	--
MW-5A	2/22/2013	NS	NS	NS	NS	6.01	1.11	14.99	3.26	21
	5/1/2013	NS	NS	NS	NS	5.91	0.716	15.26	0.21	-3.7
	8/6/2013	NS	NS	NS	NS	5.73	0.938	17.72	3.07	41.9
	10/3/2013	NS	NS	NS	NS	5.55	0.605	18.95	0.55	45.9
	3/6/2014	NS	NS	NS	NS	6.13	2.081	14.72	2.93	-53.4
	6/12/2014	NS	NS	NS	NS	NS	NS	NS	NS	NS
	9/19/2014	<1	8.21	6.39	<0.1	5.68	0.452	20.96	0.25	-53.0
	11/13/2014	1.73	15.2	2.02	<0.1	6.19	0.708	18.52	4.87	-25.8
	3/25/2015	18.9	29.9	16.5	<0.1	5.91	7.116	13.36	1.32	-123.3
	6/25/2015	<1	17.8	9.50	0.310	5.78	2.245	13.07	1.41	-7.2
	7/29/2015	<1	16.6	10.70	<0.1	5.94	2.032	17.71	0.13	6.3
	10/29/2015	<1	10.1	--	<0.1	7.23	0.582	18.58	0.20	-37.4
	2/10/2016	9.25	16.3	14.3	<0.1	6.02	1.614	10	0.79	-2.7
	5/10/2016	<1	14.7	11.9	<0.1	6.09	0.631	16.02	0.23	24.5
	8/16/2016	<1.00	7.53	7.25	<0.100	5.30	0.530	23.08	0.52	72.6
	11/8/2016	<1.00	13.7	12.6	<0.100	5.95	0.483	22.06	NR	12.0
MW-8	2/22/2013	NS	NS	NS	NS	6.91	0.665	7.57	8.55	189
	5/1/2013	NS	NS	NS	NS	7.10	0.346	13.93	5.03	83.0
	8/6/2013	NS	NS	NS	NS	7.02	0.361	27.41	5.58	170.7
	10/3/2013	NS	NS	NS	NS	6.78	0.386	24.39	1.14	21.9
	3/6/2014	NS	NS	NS	NS	7.35	0.256	7.11	11.27	22.2
	6/12/2014	NS	NS	NS	NS	6.90	0.327	23.30	4.98	47.9
	9/19/2014	59.5	4.86	<0.1	0.705	7.02	0.328	23.35	1.34	91.4
	11/13/2014	39.6	0.655	<0.1	1.52	7.03	0.264	18.97	7.81	68.5
	3/25/2015	37.3	0.813	<0.1	1.59	7.16	0.281	9.04	8.42	218.1
	6/25/2015	60.6	<0.1	<0.1	1.48	6.83	0.417	26.89	4.62	132.5
	7/29/2015	110	<0.1	<0.1	0.308	7.10	0.598	28.43	0.68	-140.0
	10/29/2015	47.5	2.79	--	1.02	7.33	0.328	20.43	4.16	-169.9
	2/12/2016	NA	NA	NA	NA	8.74	0.173	8.90	9.26	-1.2
	5/10/2016	5.29	<1	<1	0.761	7.10	0.067	15.37	7.33	215.3
	8/16/2016	70.6	0.127	<0.100	0.509	7.04	0.543	27.85	0.53	50.1
	11/8/2016	30.6	0.130	<0.100	2.12	6.69	0.214	22.94	2.66	49.0
MW-10	2/22/2013	NS	NS	NS	NS	6.70	2.82	9.32	3.09	133
	5/1/2013	NS	NS	NS	NS	6.09	4.805	12.34	1.95	89.6
	8/6/2013	NS	NS	NS	NS	5.98	1.692	21.05	0.59	72.0
	10/3/2013	NS	NS	NS	NS	6.20	1.502	21.89	0.21	-3.1
	3/6/2014	NS	NS	NS	NS	5.89	23.39	8.39	2.63	221.0
	6/12/2014	NS	NS	NS	NS	6.43	6.873	18.67	0.66	120.7
	9/19/2014	1,030	4.97	1.82	<0.1	6.21	3.952	21.29	0.51	-5.6
	11/13/2014	41.1	2.13	0.470	0.301	6.36	1.508	17.53	2.05	33.4
	3/25/2015	55.7	2.74	<0.1	0.614	6.16	16.98	6.92	3.80	152.8
	6/25/2015	21.9	1.40	0.595	0.121	6.31	4.989	15.87	1.72	47.6
	7/29/2015	24.5	2.35	1.20	<0.1	6.28	6.968	20.54	0.39	54.5
	10/29/2015	11.8	5.58	--	0.112	7.60	2.695	19.37	1.29	-10.1
	2/10/2016	17.5	5.44	<0.1	0.103	5.94	5.544	8.99	0.65	39.9
	5/10/2016	16.4	4.84	0.21	<1	6.00	6.512	13.34	0.21	87.2
	8/16/2016	3.95	2.24	1.46	<0.100	6.58	5.008	22.43	0.38	-8.0
	11/8/2016	8.43	1.08	0.776	0.185	6.69	0.769	20.24	NR	36.0
MW-11	2/22/2013	NS	NS	NS	NS	6.20	0.202	12.31	1.87	42
	5/1/2013	NS	NS	NS	NS	5.70	0.221	13.28	0.74	58.3
	8/6/2013	NS	NS	NS	NS	5.85	0.176	19.14	1.75	100.2
	10/3/2013	NS	NS	NS	NS	5.72	0.177	21.03	1.00	67.0
	3/6/2014	NS	NS	NS	NS	6.02	2.082	11.57	6.02	39.6
	6/12/2014	NS	NS	NS	NS	6.14	0.593	16.43	4.01	86.4
	9/19/2014	6.27	9.72	7.01	<0.1	5.89	0.626	19.45	0.37	-138.4
	11/13/2014	7.16	76.3	1.20	<0.1	5.97	0.352	18.68	4.29	18.4
	3/25/2015	4.81	12.7	2.99	0.319	5.92	0.257	10.20	4.77	45.6
	6/25/2015	6.85	10.1	3.57	2.26	5.91	0.240	18.52	4.78	88.7
	7/29/2015	6.08	4.94	4.09	0.326	11.43	0.226	18.98	0.58	-200.2
	10/29/2015	5.96	7.52	--	0.205	6.04	0.210	20.10	2.58	-203.9
MW-11 Cont.	2/1/2016	4.08	3.92	0.557	1.17	6.03	0.238	10.3	8.24	110.8
	5/10/2016	8,260	6.46	0.406	0.992	6.28	0.145	13.88	5.13	142.3
	8/16/2016	5.84	2.13	0.192	0.623	5.27	0.169	23.21	1.60	108.6
	11/8/2016	7.43	4.83	3.55	<0.100	5.80	0.203	15.65	NR	-7.0

Table 3
Monitored Natural Attenuation Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Laboratory Analytical				Field Parameters				
Well ID	Date	Sulfate (mg/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	Nitrate/Nitrite (mg/L)	pH (s.u.)	Conductivity (mS/cm)	Temperature (°C)	DO (mg/L)	ORP (mV)
MEAT Groundwater Standard		--	***2,600***	--	--	--	--	--	--	--
MW-12	2/22/2013	NS	NS	NS	NS	5.48	0.668	12.76	0.55	148
	5/1/2013	NS	NS	NS	NS	4.73	0.485	13.33	0.84	159.4
	8/6/2013	NS	NS	NS	NS	4.82	0.394	16.42	0.45	162.1
	10/3/2013	NS	NS	NS	NS	4.75	0.287	18.58	0.11	132.8
	3/6/2014	NS	NS	NS	NS	4.68	0.543	12.61	0.39	230.1
	6/12/2014	NS	NS	NS	NS	4.85	0.348	13.60	0.58	170.1
	9/19/2014	21.1	18.4	<0.1	0.155	4.98	0.205	16.90	1.29	-34.4
	11/13/2014	17.1	0.824	0.235	1.29	5.10	0.812	17.94	0.90	227.8
	3/25/2015	15.1	0.667	<0.1	0.624	5.06	0.750	10.71	4.76	231.9
	6/25/2015	19.5	1.78	0.265	0.171	4.95	0.431	14.85	2.49	195.7
	7/29/2015	29.0	0.936	0.151	<0.1	10.92	0.288	15.62	0.09	-183.0
	10/29/2015	16.7	32.4	--	4.59	7.20	0.537	18.63	0.34	-26.7
	2/10/2016	7.00	2.81	0.367	1.16	6.02	0.615	10.37	6.63	91.7
	5/10/2016	18.3	2.74	0.717	0.562	5.35	0.445	13.36	0.32	175.2
	8/16/2016	17.7	1.25	<0.100	<0.100	5.16	0.405	20.97	1.04	127.9
	11/8/2016	10.6	12.2	1.80	0.143	NR	NR	NR	NR	NR
MW-13	2/22/2013	NS	NS	NS	NS	6.06	1.59	10.80	6.76	143
	5/1/2013	NS	NS	NS	NS	5.48	2.006	12.97	3.30	121.0
	8/6/2013	NS	NS	NS	NS	5.50	1.611	15.24	1.89	140.7
	10/3/2013	NS	NS	NS	NS	5.23	1.840	17.11	0.17	129.9
	3/6/2014	NS	NS	NS	NS	5.41	3.491	11.71	4.91	169.6
	6/12/2014	NS	NS	NS	NS	5.28	3.730	13.42	0.75	155.0
	9/19/2014	356	26.4	0.189	<0.1	5.33	2.286	15.99	1.31	-36.2
	11/13/2014	27.1	1.85	0.111	0.523	5.49	3.593	16.50	5.45	65.3
	3/25/2015	16.3	1.99	0.762	0.219	5.76	3.890	10.24	4.98	204.9
	6/25/2015	14.5	3.56	0.606	0.101	5.40	2.329	10.83	1.59	142.3
	7/29/2015	20.6	1.21	0.651	0.151	5.46	3.249	14.99	0.23	140.5
	10/29/2015	18.1	3.63	--	0.413	5.69	1.822	17.54	---	155.4
	2/11/2016	16.1	11.00	4.820	0.237	6.58	0.730	7.75	4.86	58.7
	5/10/2016	16.2	4.46	1.61	0.3	6.15	1.689	13.00	3.46	203.0
	8/16/2016	19.6	6.47	2.61	<0.100	5.92	2.045	18.46	0.87	55.6
	11/9/2016	18.6	12.4	3.85	0.278	5.81	1.730	14.84	NR	104.0
MW-14	2/22/2013	NS	NS	NS	NS	6.37	0.816	10.90	8.81	162
	5/1/2013	NS	NS	NS	NS	5.66	1.265	12.97	4.33	107.4
	8/6/2013	NS	NS	NS	NS	5.96	1.005	16.23	2.75	166.6
	10/3/2013	NS	NS	NS	NS	4.32	1.563	17.88	0.28	176.6
	3/6/2014	NS	NS	NS	NS	5.85	2.764	11.77	9.10	172.8
	6/12/2014	NS	NS	NS	NS	5.17	2.267	13.30	1.07	231.8
	9/19/2014	379	139	4.24	<0.1	5.43	2.222	16.40	1.00	-60.3
	11/13/2014	18.6	7.18	0.391	0.443	6.09	2.282	16.94	3.93	34.9
	3/25/2015	12.2	0.860	<0.1	0.255	5.90	2.432	9.35	8.34	118.2
	6/25/2015	8,850	8.73	1.10	0.287	5.14	1.920	11.37	5.11	136.6
	7/29/2015	12.1	13.0	3.85	0.284	5.98	1.763	15.58	1.02	107.7
	10/29/2015	15.7	20.7	--	2.13	6.04	1.066	17.66	----	86.7
	2/11/2016	12.3	5.6	2.34	0.325	6.89	0.587	7.46	----	71.2
	5/10/2016	8.49	11.4	6.60	0.148	5.53	0.852	12.71	6.73	199.0
	8/16/2016	12.3	14.7	12.8	0.931	6.37	0.824	19.08	0.55	18.0
	11/9/2016	13.3	NA	6.3	NA	6.11	0.592	14.62	NR	112.0

Table 3
Monitored Natural Attenuation Data
Former ExxonMobil Facility #14489
285 Old Bayview Road
North East, Maryland

		Laboratory Analytical				Field Parameters				
Well ID	Date	Sulfate (mg/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	Nitrate/Nitrite (mg/L)	pH (s.u.)	Conductivity (mS/cm)	Temperature (°C)	DO (mg/L)	ORP (mV)
MEAT Groundwater Standard		--	***2,600***	--	--	--	--	--	--	--
MW-15	2/22/2013	NS	NS	NS	NS	6.21	0.665	11.47	5.88	202
	5/1/2013	NS	NS	NS	NS	5.62	0.807	12.37	2.98	108.1
	8/6/2013	NS	NS	NS	NS	5.80	0.523	15.35	0.70	75.7
	10/3/2013	NS	NS	NS	NS	3.48	0.609	17.73	0.86	237.0
	3/6/2014	NS	NS	NS	NS	5.77	0.704	11.83	2.83	184.6
	6/12/2014	NS	NS	NS	NS	5.56	0.897	13.00	0.78	231.4
	9/19/2014	232	8.44	<0.1	0.136	5.19	1.243	16.01	1.37	-80.2
	11/13/2014	22.8	5.97	<0.1	0.277	5.35	1.160	15.85	1.97	173.7
	3/25/2015	17.0	4.48	<0.1	0.210	5.86	1.102	10.69	5.58	163.8
	6/25/2015	13.9	2.16	0.286	0.283	5.49	0.893	10.50	1.14	162.2
	7/29/2015	19.4	2.85	<0.1	0.132	5.75	0.932	14.80	1.10	148.9
	10/29/2015	26.7	7.89	--	0.468	5.31	1.099	16.21	4.04	164.4
	2/11/2016	16.2	0.20	<0.100	0.663	6.28	0.546	7.76	6.94	81.8
	5/10/2016	20.0	5.69	2.22	0.276	4.81	0.871	12.25	12.25	234.8
	8/16/2016	26.3	0.803	0.313	<1.00	5.56	1.183	17.48	0.46	102.5
	11/8/2016	21.3	1.16	<0.100	3.45	5.36	0.778	15.67	NR	209
MW-16	2/22/2013	NS	NS	NS	NS	5.39	0.351	11.38	4.57	298
	5/1/2013	NS	NS	NS	NS	4.87	0.457	12.01	4.38	128.0
	8/6/2013	NS	NS	NS	NS	4.99	0.207	15.87	1.96	155.3
	10/3/2013	NS	NS	NS	NS	4.73	0.402	18.20	2.06	144.8
	3/6/2014	NS	NS	NS	NS	5.39	0.215	11.43	6.06	212.6
	6/12/2014	NS	NS	NS	NS	4.97	0.360	13.47	0.32	209.7
	9/19/2014	21.5	1.18	<0.1	2.94	4.12	0.377	16.60	1.98	5.5
	11/13/2014	17.8	2.97	<0.1	2.65	4.57	0.338	16.89	1.79	315.6
	3/25/2015	7.46	2.32	<0.1	0.867	5.73	0.239	10.18	7.25	195
	6/25/2015	15.6	2.92	0.390	2.47	4.61	0.395	11.81	2.48	185.5
	7/29/2015	19.4	12.8	0.109	1.85	5.02	0.411	16.07	1.65	186.7
	10/29/2015	27.8	10.4	--	3.16	6.05	0.397	17.49	1.19	13.8
	2/11/2016	10.7	0.2	<0.100	1.53	5.33	0.21	10.57	---	122.7
	5/10/2016	16.6	0.173	<1	1.48	5.09	0.326	13.18	4.80	226.3
	8/16/2016	16.1	<0.100	<0.100	3.00	4.13	0.504	19.28	2.91	199.6
	11/8/2016	28.1	<0.100	<0.100	3.28	4.11	0.434	17.60	NR	300
					4.59				12.25	
					0.101				0.09	

Definitions:

--: No Standard exists
<: Not detected at or above the listed laboratory reporting limit
°C: Degree Celsius
F1: Matrix spike and/or Matrix Spike Duplicate are outside of recovery limits
mg/L: Milligram per Liter
mS/cm: Millisiemens per Centimeter
mV: Millivolt
NA: Not Analyzed
NS: Not sampled
s.u.: Standard Unit
NR: Not Recorded

ATTACHMENT A

Maryland
Department of
the Environment

Larry Hogan
Governor

Boyd Rutherford
Lieutenant Governor

Ben Grumbles
Secretary

May 31, 2017

Mr. Alek Heilstedt
ExxonMobil Environmental Services Company
470 Broadway, Suite 352
Bayonne NJ 07002

Mr. Curtis Abrams (Property Owner and Former Operator)
285 Old Bayview Road
North East MD 21901

RE: REDUCED SAMPLING APPROVAL
Case No. 1986-1205-CE
Former Bayview Mobil Service Station #16-G1R
285 Old Bayview Road, North East
Cecil County, Maryland
Facility No. 2615

Dear Sirs:

The Maryland Department of the Environment's (the Department) Oil Control Program recently completed a review of the case file for the above-referenced property, including the *Groundwater Monitoring Report, First Quarter 2017*, dated May 4, 2017. On November 29, 2016, representatives of the Oil Control Program met with you and your consultant to discuss the status of this case.

Currently, there are eight on-site and four off-site monitoring wells. Sampling of the monitoring well network was conducted in March 2017. Samples collected were analyzed for full-suite volatile organic compounds (VOCs), including fuel oxygenates and naphthalene, using EPA Method 8260. The analytical results detected the following petroleum constituents above applicable regulatory standards: benzene ranging from 13.9 to 56 parts per billion (ppb); ethylbenzene ranging from 37.9 to 1,300 ppb; and naphthalene ranging from 8.31 to 351 ppb. Sampling of the off-site residential property water supply wells located at 259 and 261 Bayview Road was conducted in February 2017. The samples were analyzed for full-suite VOCs, including fuel oxygenates and naphthalene, using EPA Method 524.2. All analytical results were below the Department's groundwater standards with the following exception. Methyl tertiary-butyl ether (MTBE) was detected in the water supply well at 259 Bayview Road at a concentration of 48.6 ppb, which exceeds the 20 ppb standard.

The *Groundwater Monitoring Report, First Quarter 2017* proposed the following modified sampling schedule. Monitoring wells MW-1A, MW-2A, MW-3A, MW-5A, MW-8, MW-10, MW-11, and MW-15 are to be sampled on a semi-annual basis for VOCs only. The sampling events will be conducted in February and October of each year. The remaining monitoring wells (MW-12 through MW-16) and injection wells (INJ-1 through INJ-3) will be properly abandoned. Additionally, your consultant will continue to work with the residents at 259 and 261 Bayview Road regarding connection to public water. In the interim, the supply wells will continue to be sampled on a quarterly basis, with continued maintenance of the GAC filtration system at 259 Bayview Road.

Based on our review, the Department approves abandonment of the selected monitoring and injection wells and the reduced sampling regime contingent upon the following modifications:

1) In March 2016, the Department approved the *Site Status Update and Request to Rescind Revised CAP April 2013,* dated January 15, 2016 (copy enclosed). Based on a review of monitored natural attenuation (MNA) and groundwater sampling, the document proposed an additional two years of groundwater sampling (to include MNA), at which point the data will be re-evaluated. At this time, MNA sampling has not been completed for the full two years as proposed. **No later than July 3, 2017**, submit an evaluation and analysis of the time-series geochemical data to ascertain if MNA is occurring in the groundwater and if continued MNA sampling is relevant for this site.

2) The Department approves abandonment of monitoring wells MW-12 through MW-16 and injection wells INJ-1 through INJ-3. The monitoring wells must be abandoned by a Maryland-licensed well driller in accordance with all applicable requirements of Code of Maryland Regulations (COMAR) 26.04.04.34. Provide copies of the required well abandonment reports to both the Oil Control Program (Attn: Ms. Jeannette DeBartolomeo) and the Cecil County Department of Health (Attn: Mr. Fred von Staden) **no later than July 31, 2017**.

3) **Beginning in October 2017**, conduct semi-annual sampling of the monitoring well network. All samples collected must be analyzed for full-suite VOCs, including fuel oxygenates and naphthalene, using EPA Method 8260. The Department approves semi-annual sampling events to be conducted in October and February.

4) Continue sampling of the off-site drinking water supply wells located at 259 and 261 Bayview Road as previously directed unless a public water connection is finalized.

   a. Quarterly (every three months) sampling of both properties and maintenance of the GAC filtration system at 259 Bayview Road.
   b. All samples collected must be analyzed for full-suite VOCs, including fuel oxygenates and naphthalene, using EPA Method 524.2.
   c. Submit copies of all sampling results to the property owner, the Cecil County Health Department, and the Oil Control Program.

5) **No later than 45 days following a sampling event**, the Department expects to receive a report detailing the results of the event. Submit reports to the Oil Control Program in a timely manner detailing the results of the sampling events. Reports are not to be submitted 45 days following receipt of sampling data, as this does not allow the Department to provide timely review and response.

6) When submitting sampling results, include detailed data summary tables and scaled site maps showing actual sampling locations. In the discussion of supplemental sampling events, include details on sampling procedures and describe analytical results in terms of media sampled. Reports must include groundwater surface contours and dissolved phase concentration maps indicating benzene, total BTEX, MTBE, and TPH-GRO concentrations. If liquid phase hydrocarbons (LPH) are encountered, the reports must include LPH thickness map(s) and a summary of LPH recovery volumes.

Notify the Oil Control Program at least five (5) working days prior to beginning any work on or off site. If you have any questions, please contact the case manager, Ms. Jeannette DeBartolomeo, at 410-537-3427 (jeannette.debartolomeo@maryland.gov) or me at 410-537-3499 (susan.bull@maryland.gov).

Sincerely,

Susan R. Bull, Eastern Region Section Head
Remediation and State-Lead Division
Oil Control Program

JD/nln

cc: Mr. Paul Goodell (Arcadis)
Mr. Fred von Staden (Cecil County Health Dept.)
Ms. Melissa B. Cook-MacKenzie (Town of North East)
Mr. Andrew Miller
Mr. Christopher H. Ralston
Ms. Hilary Miller

ATTACHMENT B

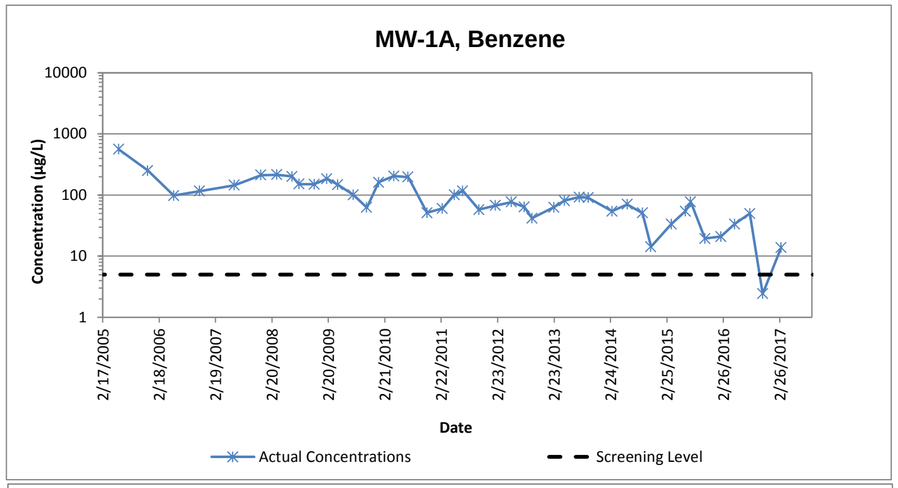
Table 2
Summary of Statistical Analysis of Groundwater Analytical Data
Former ExxonMobil Facility #14489
285 Old Bayview Road, North East, Maryland

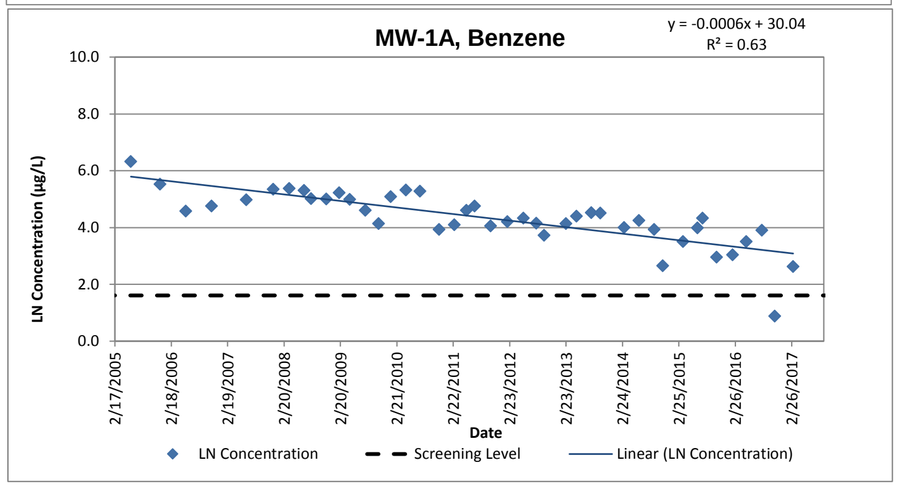
Constituent	Well	MEAT GWS (µg/L)[1]	Data Range						Linear Regression Analysis					
			Minimum Concentration (µg/L)	Maximum Concentration (µg/L)	Concentration Measured Most Recently (µg/L)	% of Data Above Laboratory Reporting Limit	Start Date	End Date	Coefficient of Determination, R-squared[2]	p-value of Correlation (Significance of Slope)	Attenuation Half-life (days)	Trend Direction	Significance of Trend[3]	Projected Year to Screening Level
Benzene	MW-1A	5	2	**560**	**14**	98	6/1/2005	3/7/2017	6.30E-01	2.17E-10	1,100	Decreasing	Significant	2023
	MW-2A	5	5	**1,740**	**56**	95	6/1/2005	3/7/2017	7.13E-01	1.11E-12	915	Decreasing	Significant	2025
	MW-5A	5	**5.00**	**136**	**5.00**	93	6/1/2005	3/7/2017	5.03E-01	1.45E-07	1,422	Decreasing	Significant	2021
	MW-11	5	*1*	**504**	*1*	86	6/1/2005	3/7/2017	5.80E-01	2.98E-09	571	Decreasing	Significant	In Compliance since 2014
	MW-14	5	0.72	**580**	*1*	61	6/1/2005	3/7/2017	2.76E-01	4.16E-04	786	Decreasing	Significant	In Compliance since 2012
Toluene	MW-1A	1,000	41	**5,770**	525	98	6/1/2005	3/7/2017	3.29E-01	5.73E-05	1,537	Decreasing	Significant	In Compliance since 2013
Ethylbenzene	MW-1A	700	159	**2,560**	436	100	6/1/2005	3/7/2017	6.26E-01	2.73E-10	1,796	Decreasing	Significant	In Compliance since 2014
	MW-2A	700	421	**3,310**	**1,300**	100	6/1/2005	3/7/2017	3.85E-01	9.07E-06	3,194	Decreasing	Significant	2021
	MW-5A	700	270	**1,670**	468	100	6/1/2005	3/7/2017	3.37E-01	5.56E-05	3,919	Decreasing	Significant	In Compliance since 2013
MTBE	MW-2A	20	*5*	**829**	*5*	93	6/1/2005	3/7/2017	7.28E-01	3.77E-13	814	Decreasing	Significant	2018
	MW-11	20	*1*	**748**	*1*	91	6/1/2005	3/7/2017	6.03E-01	9.20E-10	589	Decreasing	Significant	In Compliance since 2013
	MW-14	20	*1*	**142**	*1*	73	6/1/2005	3/7/2017	2.11E-01	2.51E-03	1,061	Decreasing	Significant	In Compliance since 2007
Naphthalene	MW-1A	0.7	**62**	**497**	**226**	97	6/29/2008	3/7/2017	4.38E-01	1.10E-05	2,348	Decreasing	Significant	2066
	MW-2A	0.7	**128**	**652**	**351**	100	6/29/2008	3/7/2017	2.36E-01	2.70E-03	4,043	Decreasing	Significant	2106
	MW-5A	0.7	**87**	**362**	**254**	100	6/29/2008	3/7/2017	1.62E-01	1.66E-02	5,194	Decreasing	Significant	2130
	MW-11	0.7	*1*	**213**	***8.31***	89	6/29/2008	3/7/2017	6.75E-02	1.26E-01	1,905	Decreasing	NS	NA

Notes, Abbreviations and Assumptions:
µg/L = micrograms per liter
NS = not significant
NA = not applicable due to increasing trend or non-significant trend
[1] MEAT = Maryland Environmental Assessment Technology Groundwater Standard.
[2] Linear regression analysis with R^2 values <0.1 and wide variation in concentrations were defined as having no apparent trend (No Trend).
[3] Statistically significant trend defined as having p-value ≤0.05 (keep one based on size of dataset).
Data in italics ND taken at reporting limit/reported value
Data in **bold** Concentration above screening level

Sample Information
Sample Location **MW-1A**
Constituent Benzene

Data		
Sample Date	Concentration	LN Concentration
	(ug/L)	
6/1/2005	**560**	6.33
12/7/2005	**252**	5.53
5/24/2006	**97.7**	4.58
11/7/2006	**116**	4.75
6/21/2007	**145**	4.98
12/11/2007	**212**	5.36
3/24/2008	**216**	5.38
6/29/2008	**201**	5.30
8/14/2008	**151**	5.02
11/20/2008	**150**	5.01
2/11/2009	**185**	5.22
4/21/2009	**148**	5.00
7/31/2009	**101**	4.62
10/27/2009	**62.8**	4.14
1/12/2010	**162**	5.09
4/21/2010	**204**	5.32
7/22/2010	**197**	5.28
11/23/2010	**51.2**	3.94
3/2/2011	**60.2**	4.10
5/19/2011	**101**	4.62
7/12/2011	**117**	4.76
10/24/2011	**57.6**	4.05
2/8/2012	**67.5**	4.21
5/22/2012	**76.7**	4.34
8/14/2012	**64**	4.16
10/4/2012	**41.9**	3.74
2/22/2013	**63.2**	4.15
5/1/2013	**81.3**	4.40
8/6/2013	**92.3**	4.53
10/3/2013	**90.6**	4.51
3/6/2014	**54.6**	4.00
6/12/2014	**70.6**	4.26
9/19/2014	**51**	3.93
11/13/2014	**14.3**	2.66
3/25/2015	**33.4**	3.51
6/25/2015	**54.4**	4.00
7/29/2015	**76.7**	4.34
10/29/2015	**19.4**	2.97
2/10/2016	**20.9**	3.04
5/9/2016	**33.5**	3.51
8/16/2016	50	3.91
11/8/2016	2.42	0.88
3/7/2017	**13.9**	2.63





Notes:
ND taken at zero

Data quality	
Total # of data points used in regression	43
# of nondetects	1
% of data as detects	98

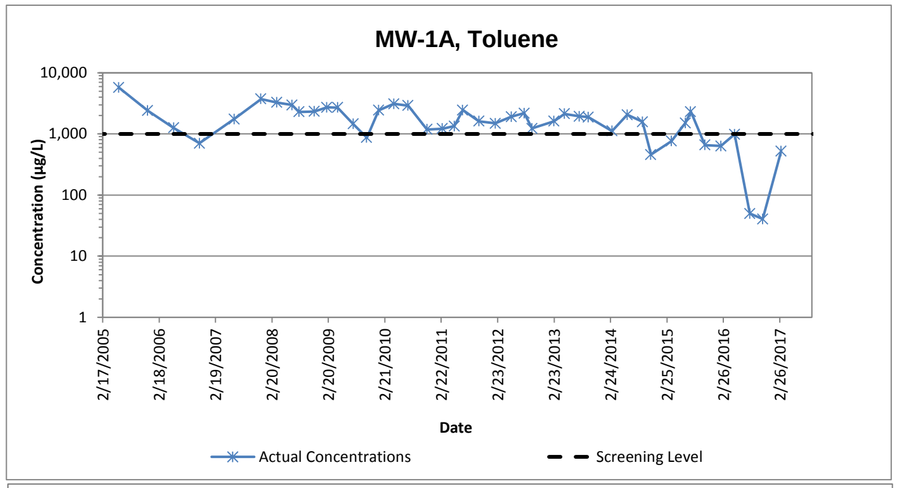
Results		
Coefficient of Determination (R^2) =	0.6300	
p-Value =	2.17E-10	
Attenuation Rate in Groundwater (K) =	0.0006	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	0.0005	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	1.10E+03	days

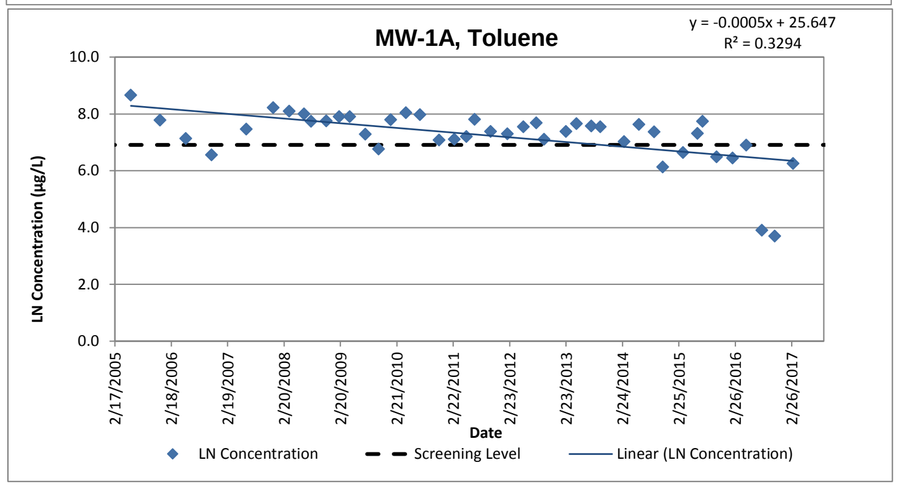
Date Screening Level Reached	
Screening Level	5.0
LN Screening Level	1.6
Intercept	30.040
Slope	-0.0006
Date to Screening Level	2023

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm

Sample Information
Sample Location **MW-1A**
Constituent Toluene

Data		
Sample Date	Concentration	LN Concentration
	(ug/L)	
6/1/2005	**5,770**	8.66
12/7/2005	**2,410**	7.79
5/24/2006	**1,260**	7.14
11/7/2006	703	6.56
6/21/2007	**1,750**	7.47
12/11/2007	**3,730**	8.22
3/24/2008	**3,280**	8.10
6/29/2008	**2,970**	8.00
8/14/2008	**2,300**	7.74
11/20/2008	**2,330**	7.75
2/11/2009	**2,720**	7.91
4/21/2009	**2,700**	7.90
7/31/2009	**1,460**	7.29
10/27/2009	873	6.77
1/12/2010	**2,430**	7.80
4/21/2010	**3,100**	8.04
7/22/2010	**2,900**	7.97
11/23/2010	**1,190**	7.08
3/2/2011	**1,220**	7.11
5/19/2011	**1,340**	7.20
7/12/2011	**2,450**	7.80
10/24/2011	**1,610**	7.38
2/8/2012	**1,490**	7.31
5/22/2012	**1,910**	7.55
8/14/2012	**2,180**	7.69
10/4/2012	**1,230**	7.11
2/22/2013	**1,620**	7.39
5/1/2013	**2,130**	7.66
8/6/2013	**1940**	7.57
10/3/2013	**1,890**	7.54
3/6/2014	**1,120**	7.02
6/12/2014	**2,060**	7.63
9/19/2014	**1,580**	7.37
11/13/2014	459	6.13
3/25/2015	762	6.64
6/25/2015	**1,510**	7.32
7/29/2015	**2,310**	7.75
10/29/2015	659	6.49
2/10/2016	633	6.45
5/9/2016	989	6.90
8/16/2016	50	3.91
11/8/2016	40.6	3.70
3/7/2017	525	6.26





Notes:
ND taken at zero

Data quality	
Total # of data points used in regression	43
# of nondetects	1
% of data as detects	98

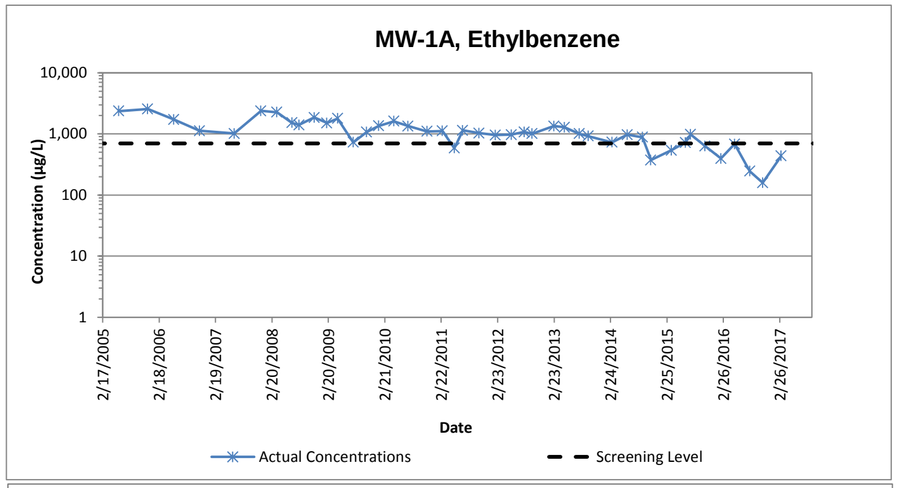
Results		
Coefficient of Determination (R^2) =	0.3294	
p-Value =	5.73E-05	
Attenuation Rate in Groundwater (K) =	0.0005	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	0.0002	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	1.54E+03	days

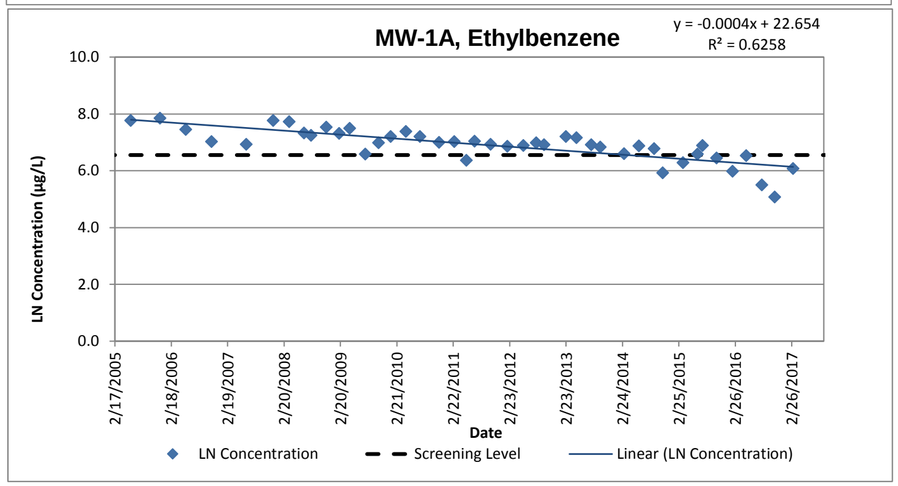
Date Screening Level Reached	
Screening Level	1,000.0
LN Screening Level	6.9
Intercept	25.647
Slope	-0.0005
Date to Screening Level	2013

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm

Sample Information
Sample Location **MW-1A**
Constituent Ethylbenzene

Data		
Sample Date	Concentration	LN Concentration
	(ug/L)	
6/1/2005	**2,360**	7.77
12/7/2005	**2,560**	7.85
5/24/2006	**1,720**	7.45
11/7/2006	**1,130**	7.03
6/21/2007	**1,020**	6.93
12/11/2007	**2,380**	7.77
3/24/2008	**2,270**	7.73
6/29/2008	**1,520**	7.33
8/14/2008	**1,410**	7.25
11/20/2008	**1,860**	7.53
2/11/2009	**1,510**	7.32
4/21/2009	**1,790**	7.49
7/31/2009	**730**	6.59
10/27/2009	**1,080**	6.98
1/12/2010	**1,350**	7.21
4/21/2010	**1,610**	7.38
7/22/2010	**1,340**	7.20
11/23/2010	**1,100**	7.00
3/2/2011	**1,120**	7.02
5/19/2011	584	6.37
7/12/2011	**1,140**	7.04
10/24/2011	**1,030**	6.94
2/8/2012	**956**	6.86
5/22/2012	**976**	6.88
8/14/2012	**1,080**	6.98
10/4/2012	**1,010**	6.92
2/22/2013	**1,340**	7.20
5/1/2013	**1,290**	7.16
8/6/2013	**1010**	6.92
10/3/2013	**925**	6.83
3/6/2014	**731**	6.59
6/12/2014	**974**	6.88
9/19/2014	**882**	6.78
11/13/2014	374	5.92
3/25/2015	539	6.29
6/25/2015	**724**	6.58
7/29/2015	**980**	6.89
10/29/2015	636	6.46
2/10/2016	397	5.98
5/9/2016	685	6.53
8/16/2016	245	5.50
11/8/2016	159	5.07
3/7/2017	436	6.08





Data quality	
Total # of data points used in regression	43
# of nondetects	0
% of data as detects	100

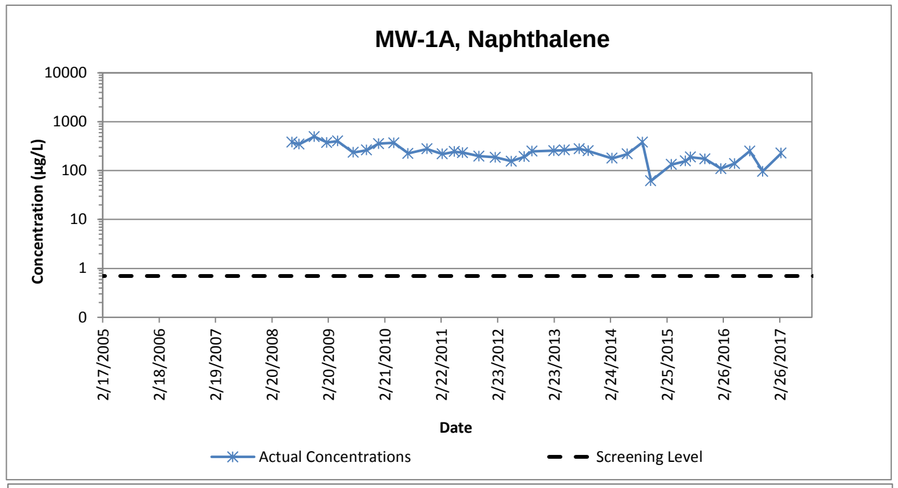
Results		
Coefficient of Determination (R^2) =	0.6258	
p-Value =	2.73E-10	
Attenuation Rate in Groundwater (K) =	0.0004	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	0.0003	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	1.80E+03	days

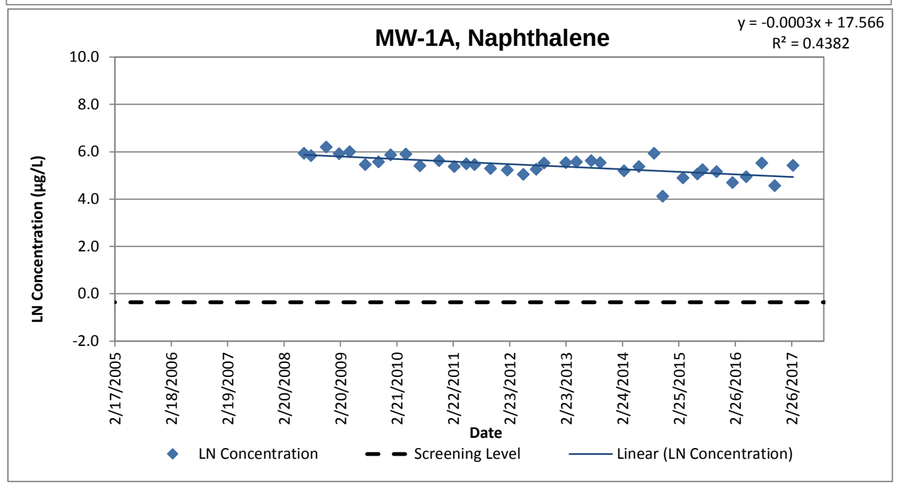
Date Screening Level Reached	
Screening Level	700.0
LN Screening Level	6.6
Intercept	22.654
Slope	-0.0004
Date to Screening Level	2014

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm

Sample Information
Sample Location **MW-1A**
Constituent Naphthalene

Data		
Sample Date	Concentration	LN Concentration
	(ug/L)	
6/29/2008	**378**	5.93
8/14/2008	**345**	5.84
11/20/2008	**497**	6.21
2/11/2009	**375**	5.93
4/21/2009	**402**	6.00
7/31/2009	**235**	5.46
10/27/2009	**263**	5.57
1/12/2010	**355**	5.87
4/21/2010	**369**	5.91
7/22/2010	**225**	5.42
11/23/2010	**277**	5.62
3/2/2011	**218**	5.38
5/19/2011	**244**	5.50
7/12/2011	**234**	5.46
10/24/2011	**198**	5.29
2/8/2012	**187**	5.23
5/22/2012	**155**	5.04
8/14/2012	**192**	5.26
10/4/2012	**249**	5.52
2/22/2013	**256**	5.55
5/1/2013	**262**	5.57
8/6/2013	**279**	5.63
10/3/2013	**254**	5.54
3/6/2014	**179**	5.19
6/12/2014	**218**	5.38
9/19/2014	**378**	5.93
11/13/2014	**61.6**	4.12
3/25/2015	**133**	4.89
6/25/2015	**157**	5.06
7/29/2015	**189**	5.24
10/29/2015	**174**	5.16
2/10/2016	**110**	4.70
5/9/2016	**140**	4.94
8/16/2016	250	5.52
11/8/2016	**96.7**	4.57
3/7/2017	**226**	5.42





Notes:
ND taken at zero

Data quality	
Total # of data points used in regression	36
# of nondetects	1
% of data as detects	97

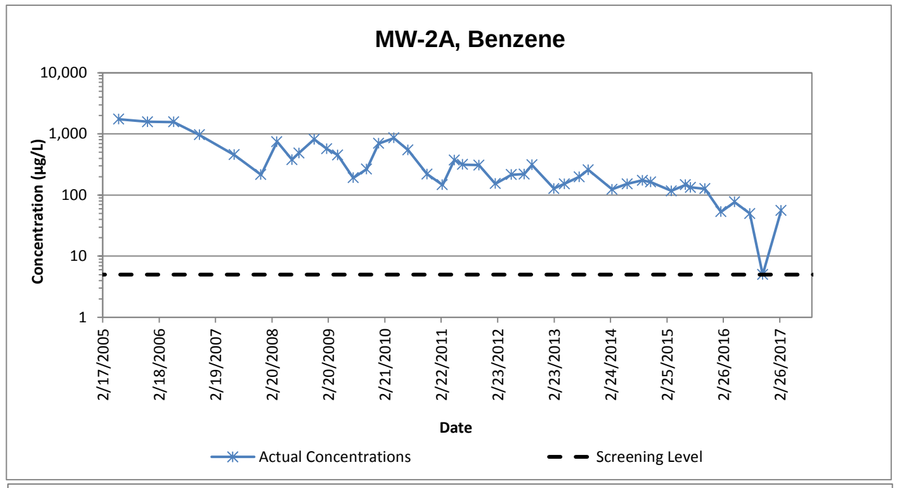
Results		
Coefficient of Determination (R^2) =	0.4382	
p-Value =	1.10E-05	
Attenuation Rate in Groundwater (K) =	0.0003	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	0.0002	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	2.35E+03	days

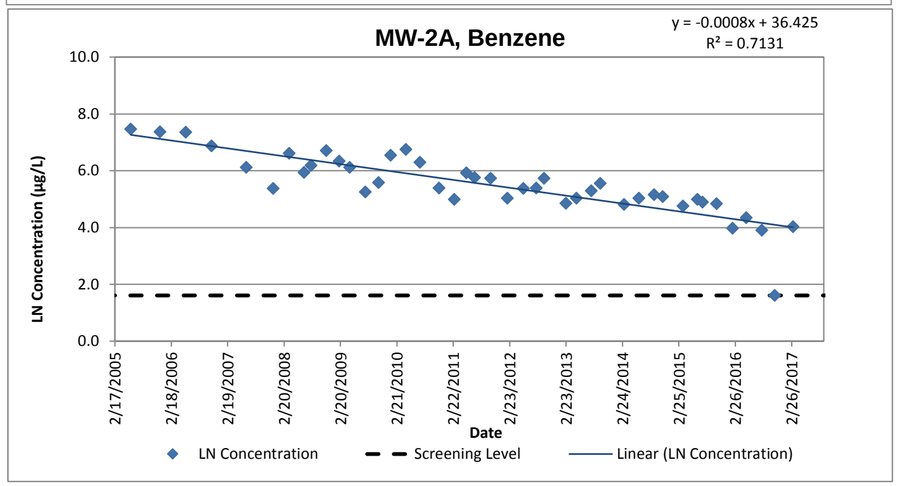
Date Screening Level Reached	
Screening Level	0.7
LN Screening Level	-0.4
Intercept	17.566
Slope	-0.0003
Date to Screening Level	2066

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm

Sample Information
Sample Location **MW-2A**
Constituent Benzene

Data		
Sample Date	Concentration	LN Concentration
	(ug/L)	
6/1/2005	**1,740**	7.46
12/7/2005	**1,580**	7.37
5/24/2006	**1,570**	7.36
11/7/2006	**964**	6.87
6/21/2007	**456**	6.12
12/11/2007	**216**	5.38
3/24/2008	**747**	6.62
6/29/2008	**379**	5.94
8/14/2008	**489**	6.19
11/20/2008	**817**	6.71
2/11/2009	**567**	6.34
4/21/2009	**452**	6.11
7/31/2009	**191**	5.25
10/27/2009	**266**	5.58
1/12/2010	**699**	6.55
4/21/2010	**858**	6.75
7/22/2010	**544**	6.30
11/23/2010	**220**	5.39
3/2/2011	**147**	4.99
5/19/2011	**373**	5.92
7/12/2011	**316**	5.76
10/24/2011	**309**	5.73
2/8/2012	**154**	5.04
5/22/2012	**216**	5.38
8/14/2012	**221**	5.40
10/4/2012	**311**	5.74
2/22/2013	**128**	4.85
5/1/2013	**153**	5.03
8/6/2013	**199**	5.29
10/3/2013	**259**	5.56
3/6/2014	**124**	4.82
6/12/2014	**153**	5.03
9/19/2014	**174**	5.16
11/13/2014	**163**	5.09
3/25/2015	**117**	4.76
6/25/2015	**147**	4.99
7/29/2015	**134**	4.90
10/29/2015	**127**	4.84
2/10/2016	**53.1**	3.97
5/9/2016	**76.8**	4.34
8/16/2016	50	3.91
11/8/2016	5	1.61
3/7/2017	**56.0**	4.03





Notes:
ND taken at zero

Data quality	
Total # of data points used in regression	43
# of nondetects	2
% of data as detects	95

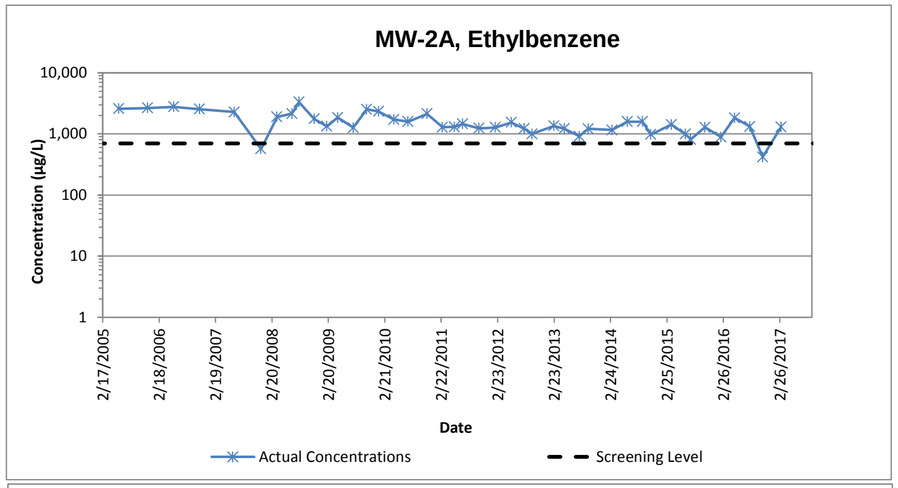
Results		
Coefficient of Determination (R^2) =	0.7131	
p-Value =	1.11E-12	
Attenuation Rate in Groundwater (K) =	0.0008	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	0.0006	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	9.15E+02	days

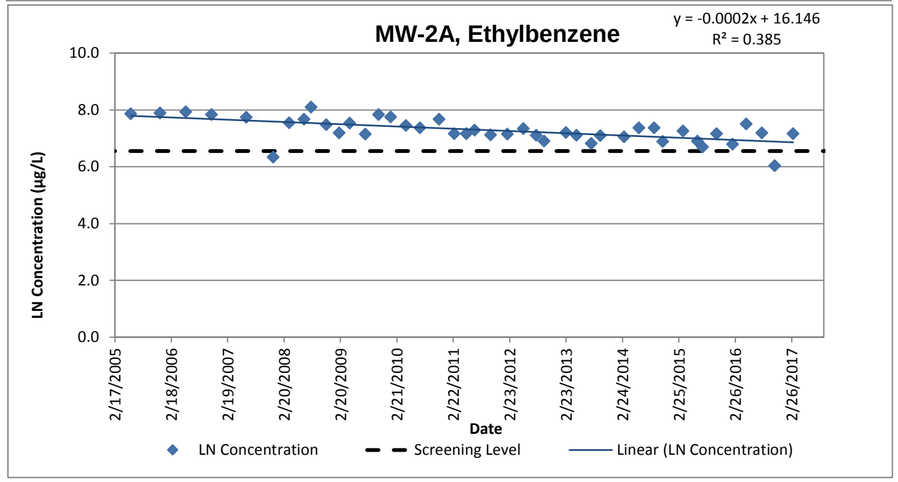
Date Screening Level Reached	
Screening Level	5.0
LN Screening Level	1.6
Intercept	36.425
Slope	-0.0008
Date to Screening Level	2025

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm

Sample Information
Sample Location **MW-2A**
Constituent Ethylbenzene

Data		
Sample Date	Concentration (ug/L)	LN Concentration
6/1/2005	**2,590**	7.86
12/7/2005	**2,660**	7.89
5/24/2006	**2,790**	7.93
11/7/2006	**2,550**	7.84
6/21/2007	**2,290**	7.74
12/11/2007	569	6.34
3/24/2008	**1,900**	7.55
6/29/2008	**2,160**	7.68
8/14/2008	**3,310**	8.10
11/20/2008	**1,770**	7.48
2/11/2009	**1,330**	7.19
4/21/2009	**1,860**	7.53
7/31/2009	**1,270**	7.15
10/27/2009	**2,530**	7.84
1/12/2010	**2,340**	7.76
4/21/2010	**1,720**	7.45
7/22/2010	**1,590**	7.37
11/23/2010	**2,140**	7.67
3/2/2011	**1,290**	7.16
5/19/2011	**1,300**	7.17
7/12/2011	**1,460**	7.29
10/24/2011	**1,240**	7.12
2/8/2012	**1,280**	7.15
5/22/2012	**1,550**	7.35
8/14/2012	**1,220**	7.11
10/4/2012	**1,000**	6.91
2/22/2013	**1,350**	7.21
5/1/2013	**1,220**	7.11
8/6/2013	**918**	6.82
10/3/2013	**1,210**	7.10
3/6/2014	**1,160**	7.06
6/12/2014	**1,590**	7.37
9/19/2014	**1,590**	7.37
11/13/2014	**977**	6.88
3/25/2015	**1,420**	7.26
6/25/2015	**991**	6.90
7/29/2015	**813**	6.70
10/29/2015	**1,290**	7.16
2/10/2016	**888**	6.79
5/9/2016	**1,830**	7.51
8/16/2016	**1,320**	7.19
11/8/2016	421	6.04
3/7/2017	**1,300**	7.17





Data quality	
Total # of data points used in regression	43
# of nondetects	0
% of data as detects	100

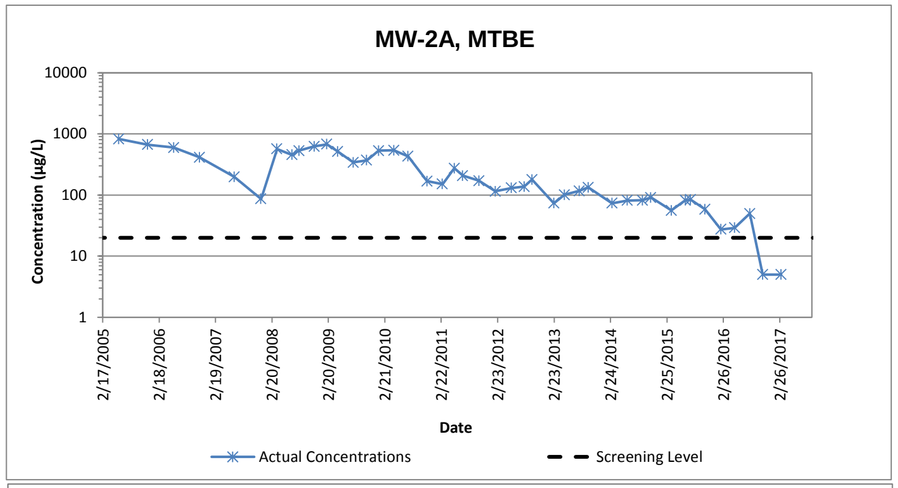
Results		
Coefficient of Determination (R^2) =	0.3850	
p-Value =	9.07E-06	
Attenuation Rate in Groundwater (K) =	0.0002	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	0.0001	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	3.19E+03	days

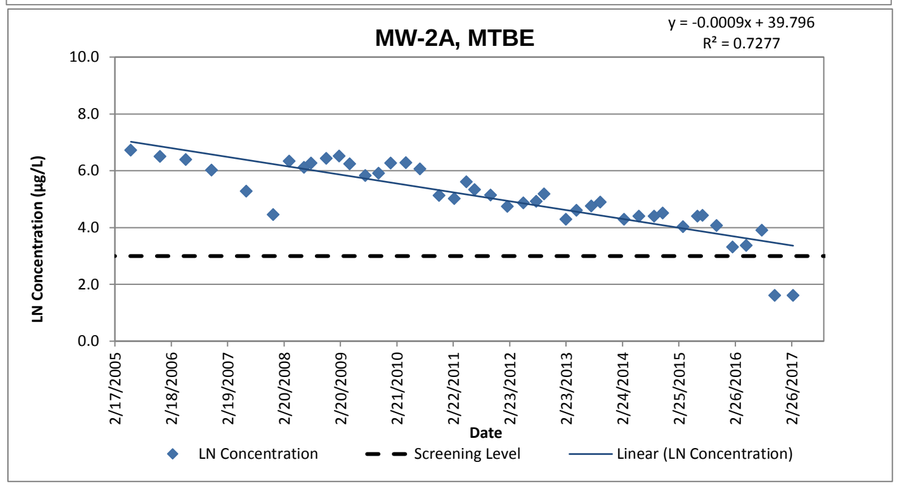
Date Screening Level Reached	
Screening Level	700.0
LN Screening Level	6.6
Intercept	16.146
Slope	-0.0002
Date to Screening Level	2021

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm

Sample Information
Sample Location **MW-2A**
Constituent MTBE

Data		
Sample Date	Concentration	LN Concentration
	(ug/L)	
6/1/2005	**829**	6.72
12/7/2005	**670**	6.51
5/24/2006	**599**	6.40
11/7/2006	**413**	6.02
6/21/2007	**198**	5.29
12/11/2007	**86.4**	4.46
3/24/2008	**568**	6.34
6/29/2008	**457**	6.12
8/14/2008	**531**	6.27
11/20/2008	**624**	6.44
2/11/2009	**680**	6.52
4/21/2009	**516**	6.25
7/31/2009	**341**	5.83
10/27/2009	**371**	5.92
1/12/2010	**532**	6.28
4/21/2010	**538**	6.29
7/22/2010	**430**	6.06
11/23/2010	**169**	5.13
3/2/2011	**151**	5.02
5/19/2011	**274**	5.61
7/12/2011	**207**	5.33
10/24/2011	**171**	5.14
2/8/2012	**115**	4.74
5/22/2012	**131**	4.88
8/14/2012	**138**	4.93
10/4/2012	**179**	5.19
2/22/2013	**73.4**	4.30
5/1/2013	**101**	4.62
8/6/2013	**117**	4.76
10/3/2013	**133**	4.89
3/6/2014	**73.6**	4.30
6/12/2014	**81.4**	4.40
9/19/2014	**82.1**	4.41
11/13/2014	**90.8**	4.51
3/25/2015	**56.2**	4.03
6/25/2015	**82.0**	4.41
7/29/2015	**84.0**	4.43
10/29/2015	**58.5**	4.07
2/10/2016	**27.5**	3.31
5/9/2016	**29.2**	3.37
8/16/2016	50	3.91
11/8/2016	5	1.61
3/7/2017	5	1.61





Notes:
ND taken at zero

Data quality	
Total # of data points used in regression	43
# of nondetects	3
% of data as detects	93

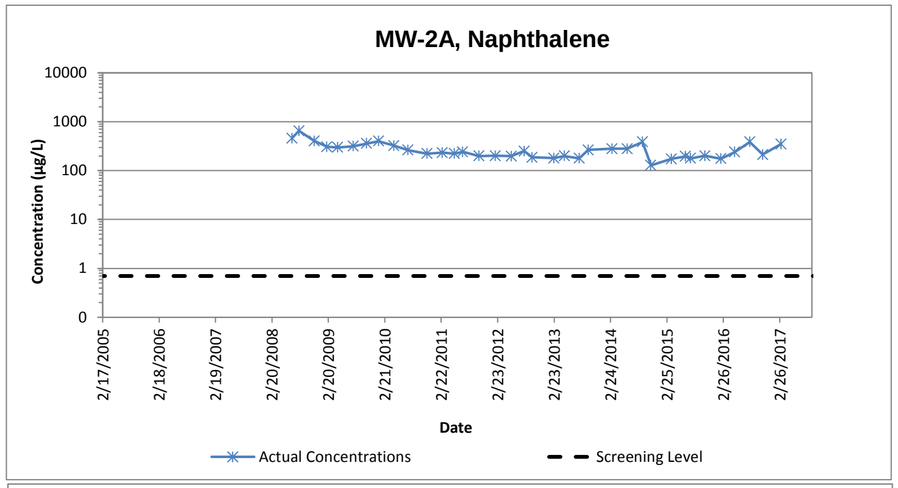
Results		
Coefficient of Determination (R^2) =	0.7277	
p-Value =	3.77E-13	
Attenuation Rate in Groundwater (K) =	0.0009	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	0.0007	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	8.14E+02	days

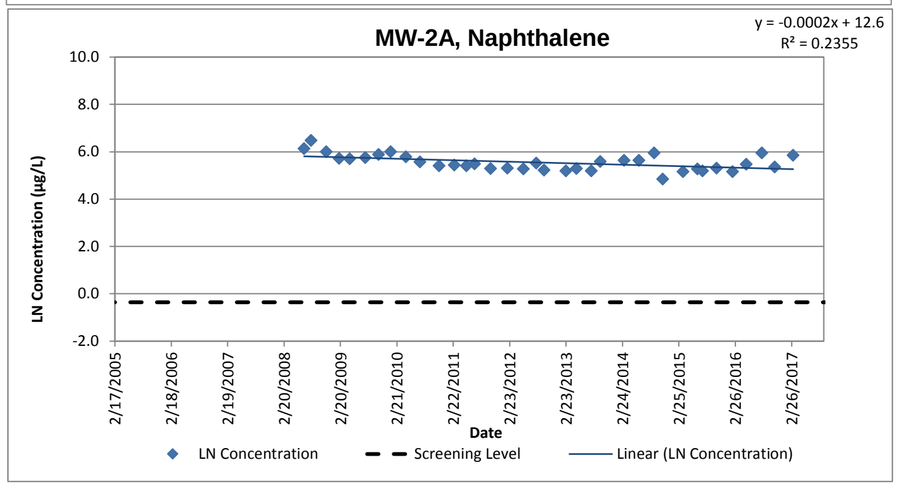
Date Screening Level Reached	
Screening Level	20.0
LN Screening Level	3.0
Intercept	39.796
Slope	-0.0009
Date to Screening Level	2018

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm
MTBE = Methyl Tert Butyl Ether

Sample Information
Sample Location **MW-2A**
Constituent Naphthalene

Data		
Sample Date	Concentration (ug/L)	LN Concentration
6/29/2008	**462**	6.14
8/14/2008	**652**	6.48
11/20/2008	**405**	6.00
2/11/2009	**306**	5.72
4/21/2009	**299**	5.70
7/31/2009	**316**	5.76
10/27/2009	**360**	5.89
1/12/2010	**402**	6.00
4/21/2010	**325**	5.78
7/22/2010	**262**	5.57
11/23/2010	**223**	5.41
3/2/2011	**232**	5.45
5/19/2011	**222**	5.40
7/12/2011	**243**	5.49
10/24/2011	**200**	5.30
2/8/2012	**201**	5.30
5/22/2012	**197**	5.28
8/14/2012	**252**	5.53
10/4/2012	**187**	5.23
2/22/2013	**181**	5.20
5/1/2013	**199**	5.29
8/6/2013	**179**	5.19
10/3/2013	**266**	5.58
3/6/2014	**280**	5.63
6/12/2014	**280**	5.63
9/19/2014	**386**	5.96
11/13/2014	**128**	4.85
3/25/2015	**174**	5.16
6/25/2015	**196**	5.28
7/29/2015	**179**	5.19
10/29/2015	**202**	5.31
2/10/2016	**176**	5.17
5/9/2016	**239**	5.48
8/16/2016	**385**	5.95
11/8/2016	213	5.36
3/7/2017	**351**	5.86





Data quality	
Total # of data points used in regression	36
# of nondetects	0
% of data as detects	100

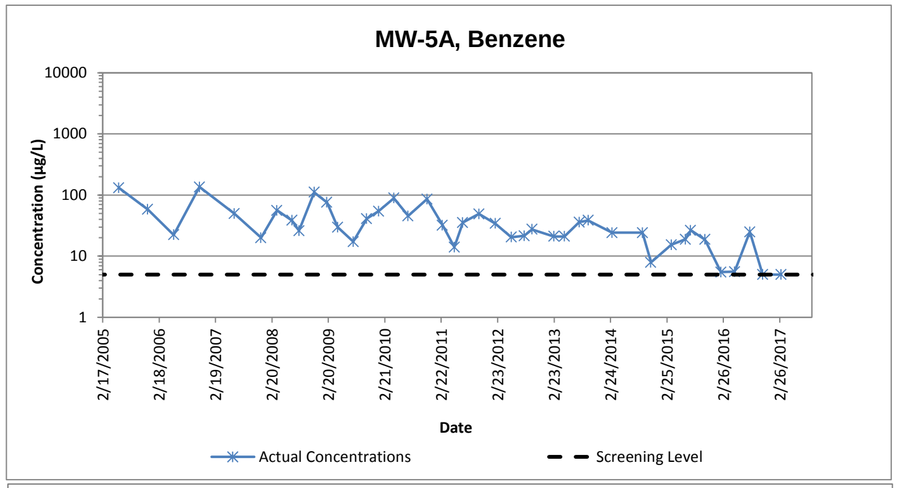
Results		
Coefficient of Determination (R^2) =	0.2355	
p-Value =	2.70E-03	
Attenuation Rate in Groundwater (K) =	0.0002	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	0.0001	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	4.04E+03	days

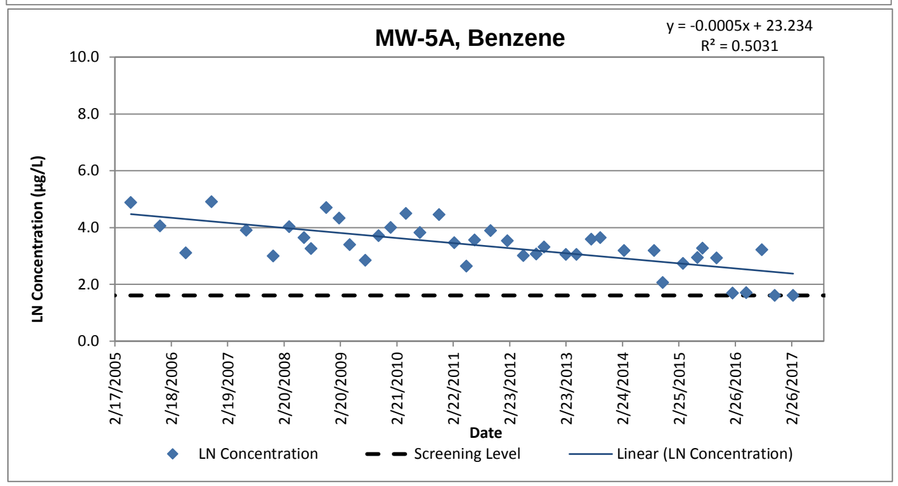
Date Screening Level Reached	
Screening Level	0.7
LN Screening Level	-0.4
Intercept	12.600
Slope	-0.0002
Date to Screening Level	2106

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm

Sample Information
Sample Location **MW-5A**
Constituent Benzene

Data		
Sample Date	Concentration (ug/L)	LN Concentration
6/1/2005	**132**	4.88
12/7/2005	**58.2**	4.06
5/24/2006	**22.4**	3.11
11/7/2006	**136**	4.91
6/21/2007	**49.7**	3.91
12/11/2007	**20.1**	3.00
3/24/2008	**56.2**	4.03
6/29/2008	**38.5**	3.65
8/14/2008	**26.0**	3.26
11/20/2008	**111**	4.71
2/11/2009	**76.0**	4.33
4/21/2009	**29.9**	3.40
7/31/2009	**17.3**	2.85
10/27/2009	**41.3**	3.72
1/12/2010	**54.6**	4.00
4/21/2010	**89.3**	4.49
7/22/2010	**45.6**	3.82
11/23/2010	**86.0**	4.45
3/2/2011	**32.1**	3.47
5/19/2011	**14.1**	2.65
7/12/2011	**35.5**	3.57
10/24/2011	**49.1**	3.89
2/8/2012	**34.3**	3.54
5/22/2012	**20.5**	3.02
8/14/2012	**21.5**	3.07
10/4/2012	**27.4**	3.31
2/22/2013	**21.1**	3.05
5/1/2013	**21.1**	3.05
8/6/2013	**36.2**	3.59
10/3/2013	**38.6**	3.65
3/6/2014	**24.3**	3.19
9/19/2014	**24.2**	3.19
11/13/2014	**7.93**	2.07
3/25/2015	**15.4**	2.73
6/25/2015	**18.9**	2.94
7/29/2015	**26.4**	3.27
10/29/2015	**18.8**	2.93
2/10/2016	**5.47**	1.70
5/9/2016	**5.56**	1.72
8/16/2016	25	3.22
11/8/2016	5	1.61
3/7/2017	5	1.61





Notes:
ND taken at zero

Data quality	
Total # of data points used in regression	42
# of nondetects	3
% of data as detects	93

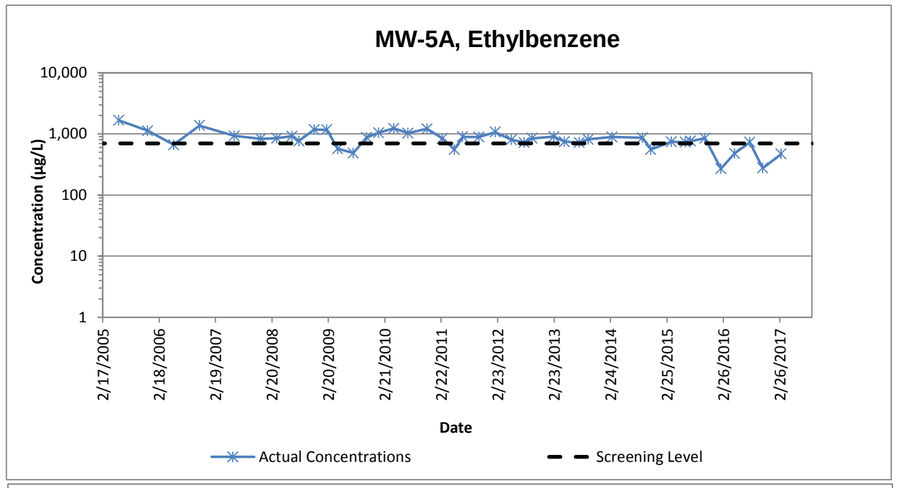
Results		
Coefficient of Determination (R^2) =	0.5031	
p-Value =	1.45E-07	
Attenuation Rate in Groundwater (K) =	0.0005	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	0.0003	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	1.42E+03	days

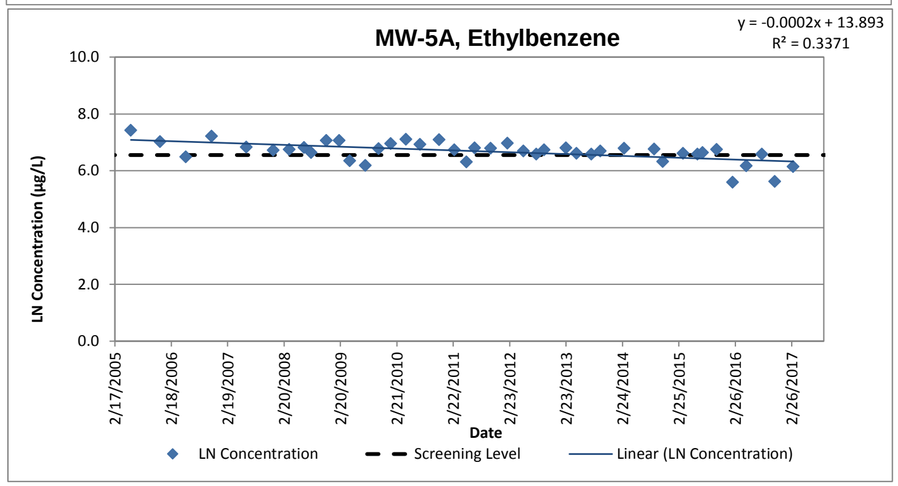
Date Screening Level Reached	
Screening Level	5.0
LN Screening Level	1.6
Intercept	23.234
Slope	-0.0005
Date to Screening Level	2021

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm

Sample Information
Sample Location **MW-5A**
Constituent Ethylbenzene

Data		
Sample Date	Concentration	LN Concentration
	(ug/L)	
6/1/2005	**1,670**	7.42
12/7/2005	**1130**	7.03
5/24/2006	661	6.49
11/7/2006	**1,370**	7.22
6/21/2007	**929**	6.83
12/11/2007	**831**	6.72
3/24/2008	**855**	6.75
6/29/2008	**920**	6.82
8/14/2008	**766**	6.64
11/20/2008	**1,180**	7.07
2/11/2009	**1,170**	7.06
4/21/2009	574	6.35
7/31/2009	488	6.19
10/27/2009	**876**	6.78
1/12/2010	**1,050**	6.96
4/21/2010	**1,230**	7.11
7/22/2010	**1,030**	6.94
11/23/2010	**1,210**	7.10
3/2/2011	**841**	6.73
5/19/2011	555	6.32
7/12/2011	**898**	6.80
10/24/2011	**887**	6.79
2/8/2012	**1,070**	6.98
5/22/2012	**805**	6.69
8/14/2012	**726**	6.59
10/4/2012	**845**	6.74
2/22/2013	**901**	6.80
5/1/2013	**747**	6.62
8/6/2013	**722**	6.58
10/3/2013	**813**	6.70
3/6/2014	**892**	6.79
9/19/2014	**864**	6.76
11/13/2014	558	6.32
3/25/2015	**744**	6.61
6/25/2015	**728**	6.59
7/29/2015	**763**	6.64
10/29/2015	**854**	6.75
2/10/2016	270	5.60
5/9/2016	479	6.17
8/16/2016	**730**	6.59
11/8/2016	277	5.62
3/7/2017	468	6.15





Data quality	
Total # of data points used in regression	42
# of nondetects	0
% of data as detects	100

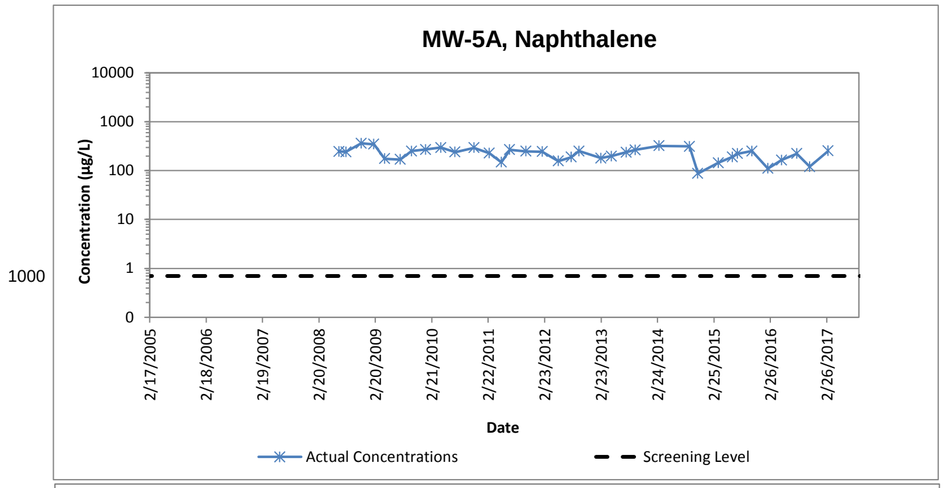
Results		
Coefficient of Determination (R^2) =	0.3371	
p-Value =	5.56E-05	
Attenuation Rate in Groundwater (K) =	0.0002	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	0.0001	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	3.92E+03	days

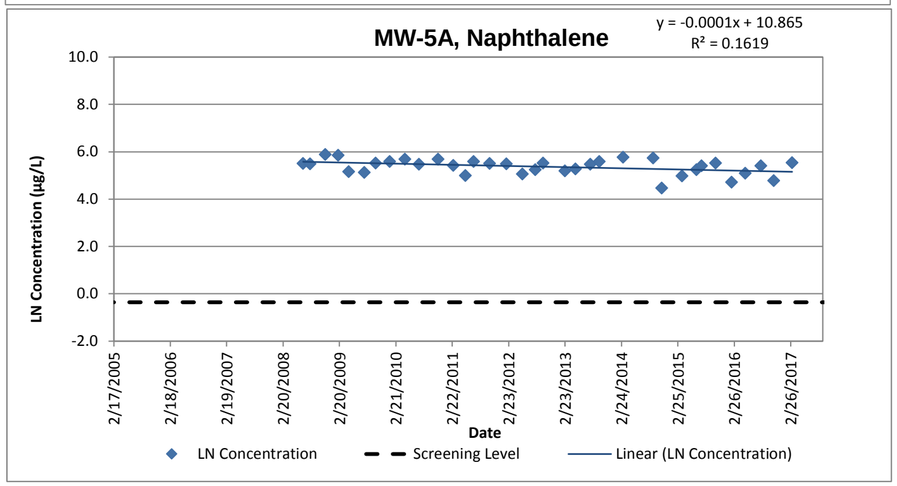
Date Screening Level Reached	
Screening Level	700.0
LN Screening Level	6.6
Intercept	13.893
Slope	-0.0002
Date to Screening Level	2013

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm

Sample Information
Sample Location **MW-5A**
Constituent Naphthalene

Data		
Sample Date	Concentration (ug/L)	LN Concentration
6/29/2008	**246**	5.51
8/14/2008	**242**	5.49
11/20/2008	**362**	5.89
2/11/2009	**347**	5.85
4/21/2009	**176**	5.17
7/31/2009	**169**	5.13
10/13/2009	**251**	5.53
1/12/2010	**269**	5.59
4/21/2010	**295**	5.69
7/22/2010	**239**	5.48
11/23/2010	**294**	5.68
3/2/2011	**227**	5.42
5/19/2011	**148**	5.00
7/12/2011	**267**	5.59
10/24/2011	**248**	5.51
2/8/2012	**244**	5.50
5/22/2012	**157**	5.06
8/14/2012	**189**	5.24
10/4/2012	**250**	5.52
2/22/2013	**181**	5.20
5/1/2013	**197**	5.28
8/6/2013	**237**	5.47
10/3/2013	**266**	5.58
3/6/2014	**321**	5.77
9/19/2014	**313**	5.75
11/13/2014	**87.4**	4.47
3/25/2015	**145**	4.98
6/25/2015	**191**	5.25
7/29/2015	**222**	5.40
10/29/2015	**250**	5.52
2/10/2016	**111**	4.71
5/9/2016	**164**	5.10
8/16/2016	**223**	5.41
11/8/2016	**120**	4.79
3/7/2017	**254**	5.54





Data quality	
Total # of data points used in regression	35
# of nondetects	0
% of data as detects	100

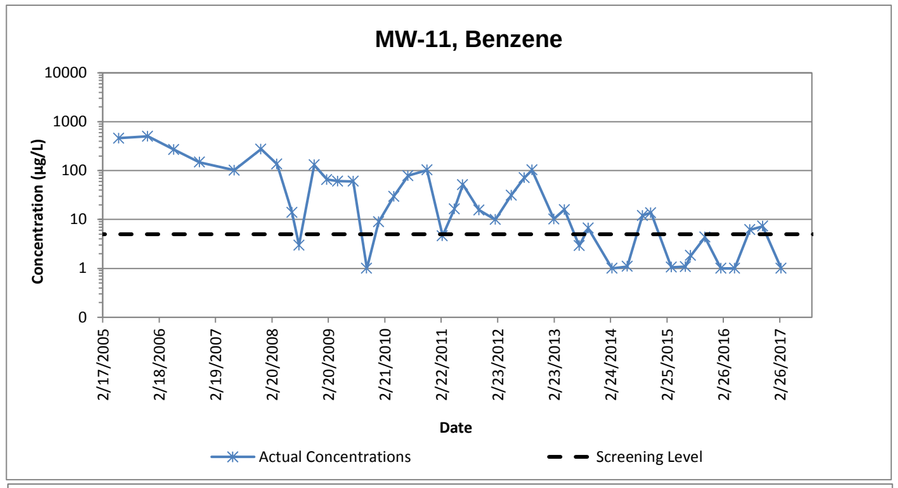
Results		
Coefficient of Determination (R^2) =	0.1619	
p-Value =	1.66E-02	
Attenuation Rate in Groundwater (K) =	0.0001	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	0.0000	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	5.19E+03	days

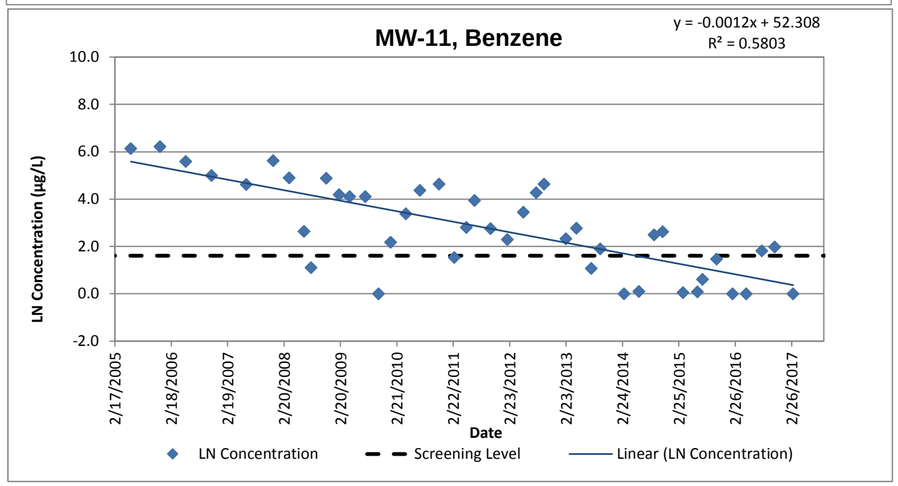
Date Screening Level Reached	
Screening Level	0.7
LN Screening Level	-0.4
Intercept	10.865
Slope	-0.0001
Date to Screening Level	2130

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm

Sample Information
Sample Location **MW-11**
Constituent Benzene

Data		
Sample Date	Concentration	LN Concentration
	(ug/L)	
6/1/2005	**461**	6.13
12/7/2005	**504**	6.22
5/24/2006	**270**	5.60
11/7/2006	**148**	5.00
6/21/2007	**102**	4.62
12/11/2007	**275**	5.62
3/24/2008	**135**	4.91
6/29/2008	**14.0**	2.64
8/14/2008	3.0	1.10
11/20/2008	**131**	4.88
2/11/2009	**65.8**	4.19
4/21/2009	**60.6**	4.10
7/31/2009	**60.4**	4.10
10/27/2009	1	0.00
1/12/2010	**8.9**	2.19
4/21/2010	**29.6**	3.39
7/22/2010	**78.7**	4.37
11/23/2010	**103**	4.63
3/2/2011	**4.64**	1.53
5/19/2011	**16.4**	2.80
7/12/2011	**51.6**	3.94
10/24/2011	**15.6**	2.75
2/8/2012	**9.95**	2.30
5/22/2012	**31.4**	3.45
8/14/2012	**71.2**	4.27
10/4/2012	**103**	4.63
2/22/2013	**10.2**	2.32
5/1/2013	**15.9**	2.77
8/6/2013	2.91	1.07
10/3/2013	**6.65**	1.89
3/6/2014	1	0.00
6/12/2014	1.10	0.10
9/19/2014	**12.1**	2.49
11/13/2014	**13.8**	2.62
3/25/2015	1.06	0.06
6/25/2015	1.09	0.09
7/29/2015	1.83	0.60
10/29/2015	4.37	1.47
2/10/2016	1	0.00
5/9/2016	1	0.00
8/16/2016	**6.15**	1.82
11/8/2016	**7.29**	1.99
3/7/2017	1	0.00





Notes:
ND taken at zero

Data quality	
Total # of data points used in regression	43
# of nondetects	6
% of data as detects	86

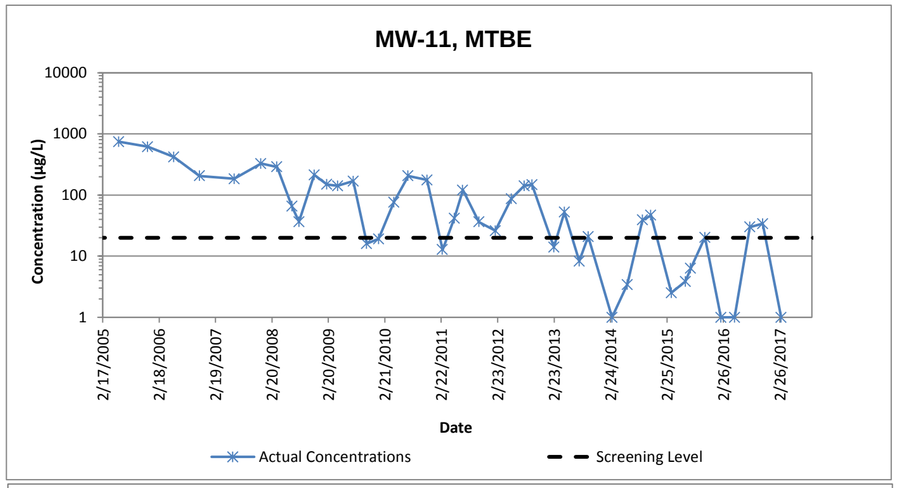
Results		
Coefficient of Determination (R^2) =	0.5803	
p-Value =	2.98E-09	
Attenuation Rate in Groundwater (K) =	0.0012	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	0.0009	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	5.71E+02	days

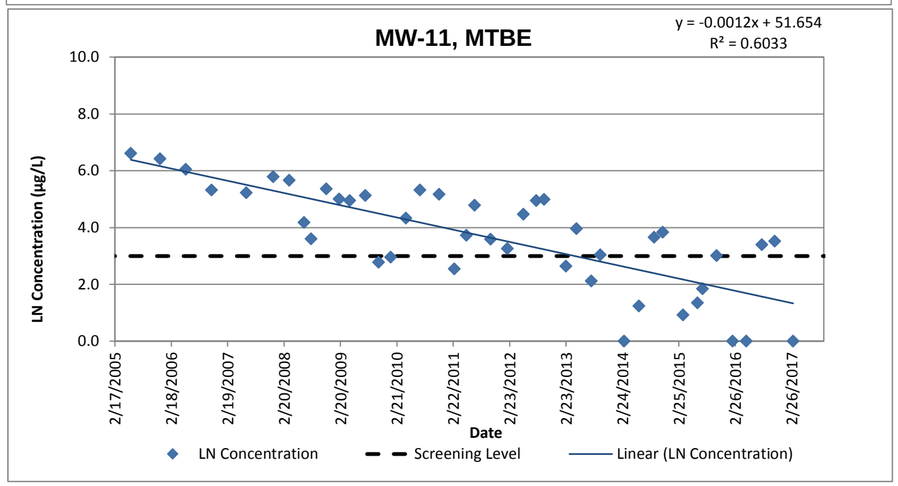
Date Screening Level Reached	
Screening Level	5.0
LN Screening Level	1.6
Intercept	52.308
Slope	-0.0012
Date to Screening Level	2014

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm

Sample Information
Sample Location **MW-11**
Constituent MTBE

Data		
Sample Date	Concentration (ug/L)	LN Concentration
6/1/2005	**748**	6.62
12/7/2005	**614**	6.42
5/24/2006	**422**	6.05
11/7/2006	**206**	5.33
6/21/2007	**185**	5.22
12/11/2007	**328**	5.79
3/24/2008	**289**	5.67
6/29/2008	**65.4**	4.18
8/14/2008	**36.7**	3.60
11/20/2008	**214**	5.37
2/11/2009	**149**	5.00
4/21/2009	**142**	4.96
7/31/2009	**169**	5.13
10/27/2009	16.1	2.78
1/12/2010	19.2	2.95
4/21/2010	**76.1**	4.33
7/22/2010	**206**	5.33
11/23/2010	**176**	5.17
3/2/2011	12.8	2.55
5/19/2011	**41.7**	3.73
7/12/2011	**120**	4.79
10/24/2011	**36.4**	3.59
2/8/2012	**26**	3.26
5/22/2012	**87.4**	4.47
8/14/2012	**142**	4.96
10/4/2012	**148**	5.00
2/22/2013	14.1	2.65
5/1/2013	**52.4**	3.96
8/6/2013	8.31	2.12
10/3/2013	**21.0**	3.04
3/6/2014	1	0.00
6/12/2014	3.44	1.24
9/19/2014	**39.1**	3.67
11/13/2014	**46.5**	3.84
3/25/2015	2.52	0.92
6/25/2015	3.87	1.35
7/29/2015	6.38	1.85
10/29/2015	**20.3**	3.01
2/10/2016	1	0.00
5/9/2016	1	0.00
8/16/2016	**30.0**	3.40
11/8/2016	**34.1**	3.53
3/7/2017	1	0.00





Notes:
ND taken at zero

Data quality	
Total # of data points used in regression	43
# of nondetects	4
% of data as detects	91

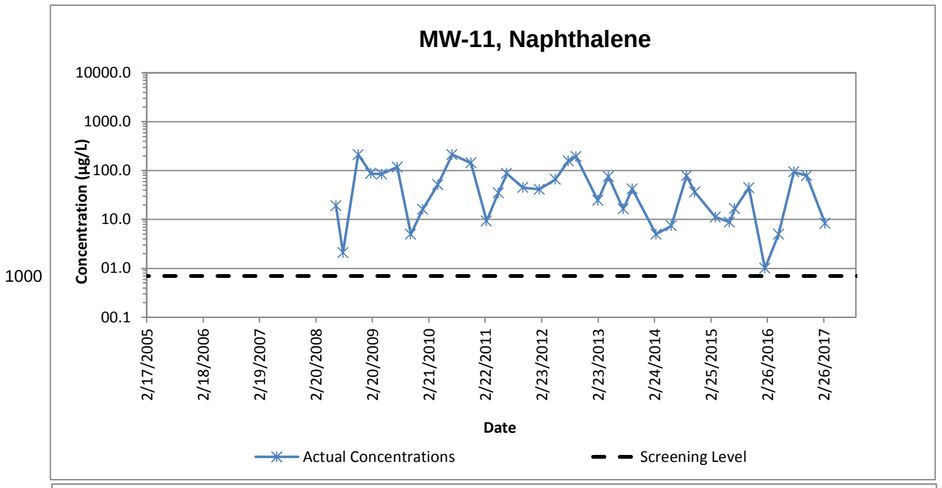
Results		
Coefficient of Determination (R^2) =	0.6033	
p-Value =	9.20E-10	
Attenuation Rate in Groundwater (K) =	0.0012	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	0.0009	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	5.89E+02	days

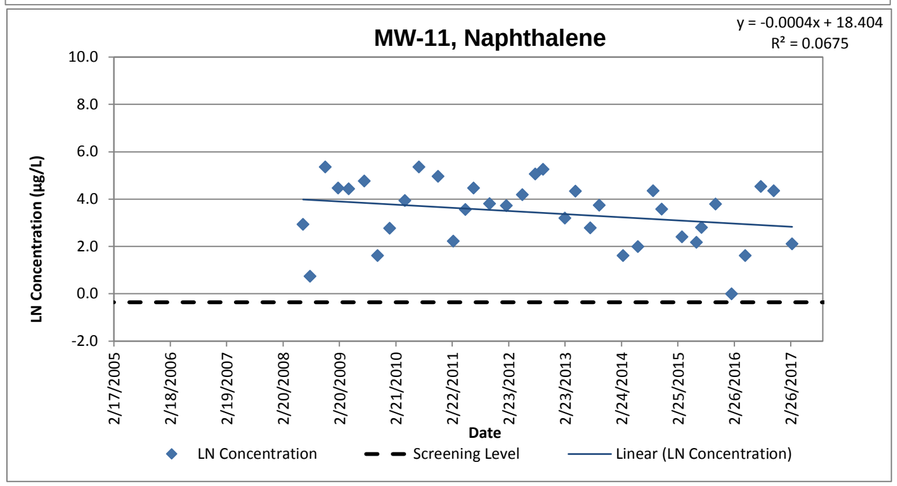
Date Screening Level Reached	
Screening Level	20.0
LN Screening Level	3.0
Intercept	51.654
Slope	-0.0012
Date to Screening Level	2013

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm
MTBE = Methyl Tert Butyl Ether

Sample Information
Sample Location **MW-11**
Constituent Naphthalene

Data		
Sample Date	Concentration	LN Concentration
	(ug/L)	
6/29/2008	**19.0**	2.94
8/14/2008	**2.1**	0.74
11/20/2008	**212**	5.36
2/11/2009	**87.3**	4.47
4/21/2009	**84.9**	4.44
7/31/2009	**118**	4.77
10/27/2009	5	1.61
1/12/2010	**16.0**	2.77
4/21/2010	**51.8**	3.95
7/22/2010	**213**	5.36
11/23/2010	**143**	4.96
3/2/2011	**9.29**	2.23
5/19/2011	**35.2**	3.56
7/12/2011	**87.5**	4.47
10/24/2011	**44.8**	3.80
2/8/2012	**41.5**	3.73
5/22/2012	**65.9**	4.19
8/14/2012	**157**	5.06
10/4/2012	**193**	5.26
2/22/2013	**24.6**	3.20
5/1/2013	**76**	4.33
8/6/2013	**16.3**	2.79
10/3/2013	**42.2**	3.74
3/6/2014	5	1.61
6/12/2014	**7.40**	2.00
9/19/2014	**77.8**	4.35
11/13/2014	**36.1**	3.59
3/25/2015	**11.2**	2.42
6/25/2015	**8.86**	2.18
7/29/2015	**16.6**	2.81
10/29/2015	**44.5**	3.80
2/10/2016	1	0.00
5/9/2016	5	1.61
8/16/2016	**93.7**	4.54
11/8/2016	**78.4**	4.36
3/7/2017	**8.31**	2.12





Notes:
ND taken at zero
Qualified data

Data quality	
Total # of data points used in regression	36
# of nondetects	4
% of data as detects	89

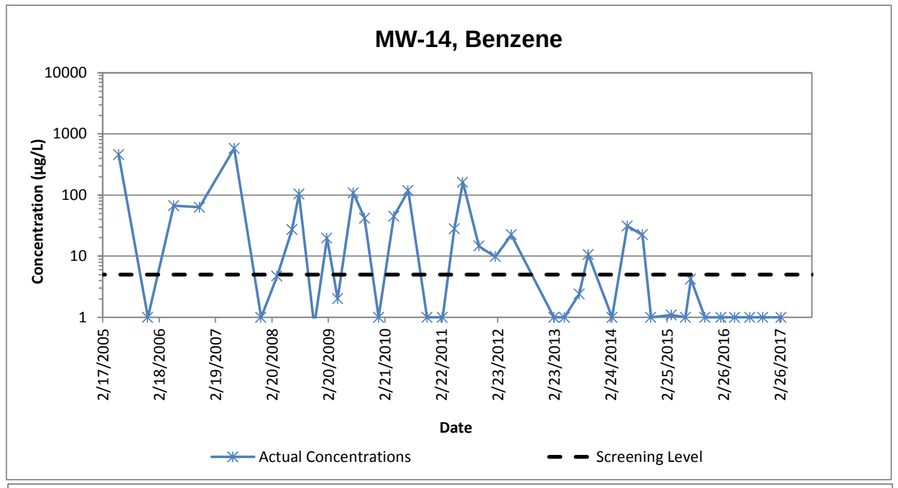
Results		
Coefficient of Determination (R^2) =	0.0675	
p-Value =	1.26E-01	
Attenuation Rate in Groundwater (K) =	0.0004	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	-0.0001	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	1.90E+03	days

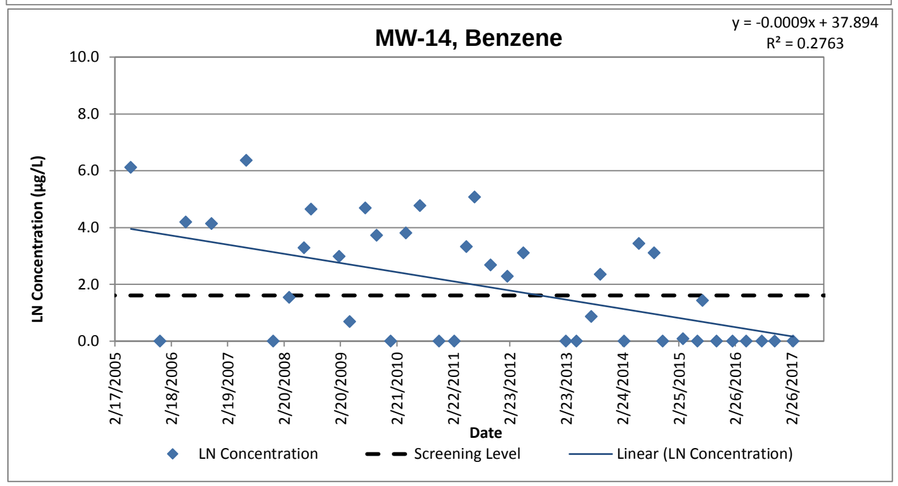
Date Screening Level Reached	
Screening Level	0.7
LN Screening Level	-0.4
Intercept	18.404
Slope	-0.0004
Date to Screening Level	2041

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm

Sample Information
Sample Location **MW-14**
Constituent Benzene

Data		
Sample Date	Concentration	LN Concentration
	(ug/L)	
6/1/2005	**456**	6.12
12/7/2005	1	0.00
5/24/2006	**66.7**	4.20
11/7/2006	**62.9**	4.14
6/21/2007	**580**	6.36
12/11/2007	1	0.00
3/24/2008	4.7	1.55
6/29/2008	**27.0**	3.30
8/14/2008	**104**	4.64
11/20/2008	0.72	-0.33
2/11/2009	**19.8**	2.99
4/21/2009	2.0	0.69
7/31/2009	**109**	4.69
10/13/2009	**41.7**	3.73
1/12/2010	1	0.00
4/21/2010	**45**	3.81
7/22/2010	**118**	4.77
11/23/2010	1	0.00
3/2/2011	1	0.00
5/19/2011	**28.1**	3.34
7/12/2011	**161**	5.08
10/24/2011	**14.6**	2.68
2/8/2012	**9.79**	2.28
5/22/2012	**22.4**	3.11
2/22/2013	1	0.00
5/1/2013	1	0.00
8/6/2013	2.4	0.88
10/3/2013	**10.6**	2.36
3/6/2014	1	0.00
6/12/2014	**31.2**	3.44
9/19/2014	**22.3**	3.10
11/13/2014	1	0.00
3/25/2015	1.09	0.09
6/25/2015	1	0.00
7/29/2015	4.21	1.44
10/29/2015	1	0.00
2/10/2016	1	0.00
5/9/2016	1	0.00
8/16/2016	1	0.00
11/8/2016	1	0.00
3/7/2017	1	0.00





Notes:
ND taken at zero
Qualified data

Data quality	
Total # of data points used in regression	41
# of nondetects	16
% of data as detects	61

Less than 75% data above reporting limits.

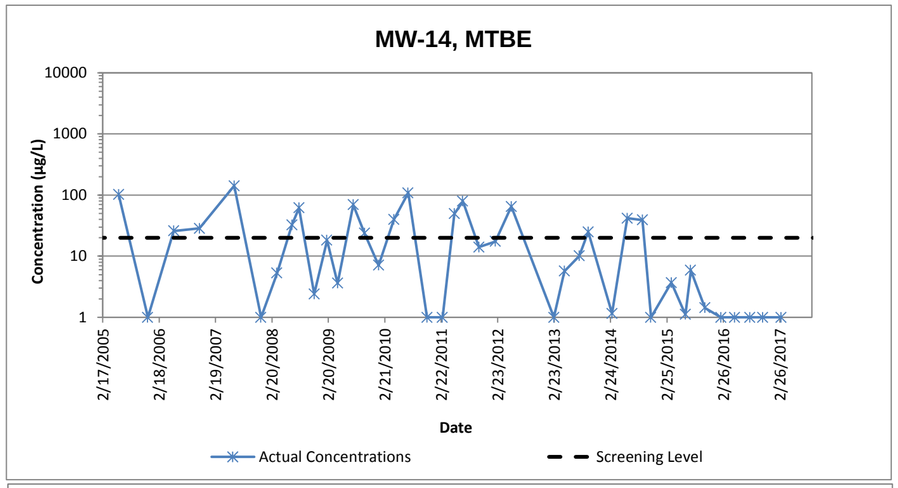
Results		
Coefficient of Determination (R^2) =	0.2763	
p-Value =	4.16E-04	
Attenuation Rate in Groundwater (K) =	0.0009	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	0.0004	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	7.86E+02	days

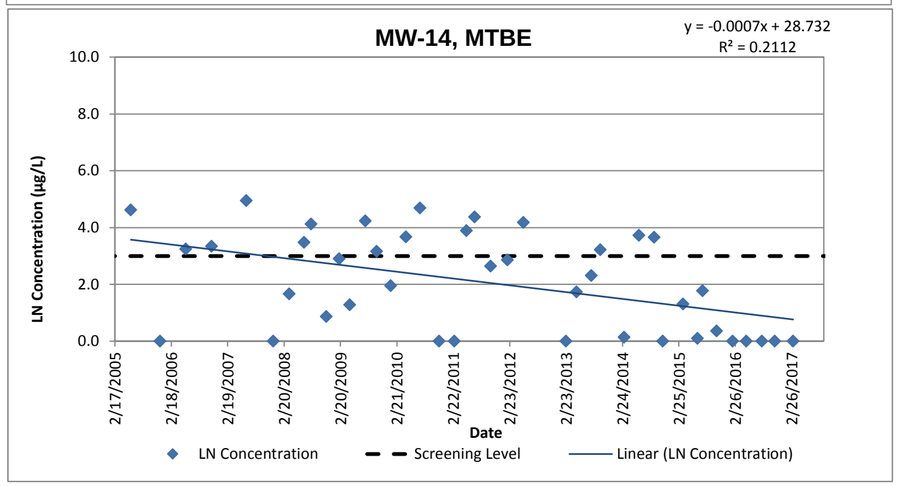
Date Screening Level Reached	
Screening Level	5.0
LN Screening Level	1.6
Intercept	37.894
Slope	-0.0009
Date to Screening Level	2012

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm

Sample Information
Sample Location **MW-14**
Constituent MTBE

Data		
Sample Date	Concentration (ug/L)	LN Concentration
6/1/2005	**102**	4.62
12/7/2005	1	0.00
5/24/2006	**25.9**	3.25
11/7/2006	**28.5**	3.35
6/21/2007	**142**	4.96
12/11/2007	1	0.00
3/24/2008	5.3	1.67
6/29/2008	**32.5**	3.48
8/14/2008	**61.7**	4.12
11/20/2008	2.4	0.88
2/11/2009	18.2	2.90
4/21/2009	3.6	1.28
7/31/2009	**69.6**	4.24
10/13/2009	**23.7**	3.17
1/12/2010	7.1	1.96
4/21/2010	**39.6**	3.68
7/22/2010	**109**	4.69
11/23/2010	1	0.00
3/2/2011	1	0.00
5/19/2011	**49.4**	3.90
7/12/2011	**79.1**	4.37
10/24/2011	14.1	2.65
2/8/2012	17.4	2.86
5/22/2012	**65.1**	4.18
2/22/2013	1	0.00
5/1/2013	5.7	1.74
8/6/2013	10.1	2.31
10/3/2013	**24.9**	3.21
3/6/2014	1.15	0.14
6/12/2014	**41.7**	3.73
9/19/2014	**39.0**	3.66
11/13/2014	1.0	0.00
3/25/2015	3.69	1.31
6/25/2015	1.11	0.10
7/29/2015	5.88	1.77
10/29/2015	1.43	0.36
2/10/2016	1	0.00
5/9/2016	1	0.00
8/16/2016	1	0.00
11/8/2016	1	0.00
3/7/2017	1	0.00





Notes:
ND taken at zero

Data quality	
Total # of data points used in regression	41
# of nondetects	11
% of data as detects	73

Less than 75% data above reporting limits.

Results		
Coefficient of Determination (R^2) =	0.2112	
p-Value =	2.51E-03	
Attenuation Rate in Groundwater (K) =	0.0007	$days^{-1}$
Attenuation Rate in Groundwater at 90% confidence (K) =	0.0002	$days^{-1}$
Chemical Half Life in Groundwater ($t_{1/2}$) =	1.06E+03	days

Date Screening Level Reached	
Screening Level	20.0
LN Screening Level	3.0
Intercept	28.732
Slope	-0.0007
Date to Screening Level	2007

Abbreviations and Notes
ug/l = micrograms per liter
LN = Natural Logarithm
MTBE = Methyl Tert Butyl Ether

Attachment C

Water Service Details for 259 and 261 Old Bayview Road Residences

Device Access

NEMD - North East, MD WATER

Account | Search | Active Devices Only

Address	Customer Name	Account	Device ID	Meter ID 2	Radio ID	Billing Cycle	Latest Read
261 OLD BAYVIEW RD NORTH EAST , MD 219010528	THOMAS MURTAUGH & MELISSA A...	2914-0	94266555	94266555	133592534	1	3560 GAL 04/10/2024 06:00 AM EDT

Date Range
04/02/2024 – 04/10/2024

24h 3d 7d 1m 3m 6m 12m

Usage | Alarms 2 | Notifications | Details | Actions History

04/02/2024 12:00 AM EDT to 04/10/2024 11:00 AM EDT
2300 US Gallons (us gal)
min: 0 **max:** 60 **avg:** 11.558

Time ↓	Read (GAL)	Consumption (GAL)
04/10/2024 11:00 AM EDT	–	–
04/10/2024 10:00 AM EDT	–	–
04/10/2024 09:00 AM EDT	–	–
04/10/2024 08:00 AM EDT	–	–
04/10/2024 07:00 AM EDT	–	–
04/10/2024 06:00 AM EDT	3560	10
04/10/2024 05:00 AM EDT	3550	0
04/10/2024 04:00 AM EDT	3550	10
04/10/2024 03:00 AM EDT	3540	0
04/10/2024 02:00 AM EDT	3540	10
04/10/2024 01:00 AM EDT	3530	10
04/10/2024 12:00 AM EDT	3520	30
04/09/2024 11:00 PM EDT	3490	30
04/09/2024 10:00 PM EDT	3460	50

Device Access

NEMD - North East, MD WATER

Address | Search | Active Devices Only

Address	Customer Name	Account	Device ID	Meter ID 2	Radio ID	Billing Cycle	Latest Read
259 OLD BAYVIEW RD NORTH EAST , MD 219010528	CHARLES & CATHERINE BROOMALL	2915-0	94266556	94266556	130593370	1	920 GAL 04/10/2024 08:00 AM EDT

Date Range
04/02/2024 - 04/10/2024

24h 3d 7d 1m 3m 6m 12m

Usage Alarms Notifications Details Actions History

04/02/2024 12:00 AM EDT to 04/10/2024 11:00 AM EDT
580 US Gallons (us gal)
min: 0 **max:** 50 **avg:** 2.88557

Da

Time ↓	Read (GAL)	Consumption (GAL)
04/10/2024 11:00 AM EDT	–	–
04/10/2024 10:00 AM EDT	–	–
04/10/2024 09:00 AM EDT	–	–
04/10/2024 08:00 AM EDT	920	0
04/10/2024 07:00 AM EDT	920	0
04/10/2024 06:00 AM EDT	920	0
04/10/2024 05:00 AM EDT	920	0
04/10/2024 04:00 AM EDT	920	0
04/10/2024 03:00 AM EDT	920	0
04/10/2024 02:00 AM EDT	920	0
04/10/2024 01:00 AM EDT	920	0
04/10/2024 12:00 AM EDT	920	0
04/09/2024 11:00 PM EDT	920	0
04/09/2024 10:00 PM EDT	920	10

Attachment D

MDE Water Well Abandonment-Sealing Reports

MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION
1800 Washington Blvd., Baltimore, Maryland 21230 (410) 537-3784

****

WATER WELL ABANDONMENT-SEALING REPORT FORM

****

SUBMIT COPIES OF COMPLETED FORM TO:
* COUNTY ENVIRONMENTAL AGENCY (contact MDE, WMA if address needed)
* WELL OWNER
* MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 4/02/2024 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any) CE – 94 – 4588

* PERMIT NUMBER OF REPLACEMENT WELL: ___ – ___

* PERSON ABANDONING WELL: Joshua Ellingsworth WELL DRILLER'S LICENSE NUMBER: MGD 141
CIRCLE: MWD / MSD / (MGD)

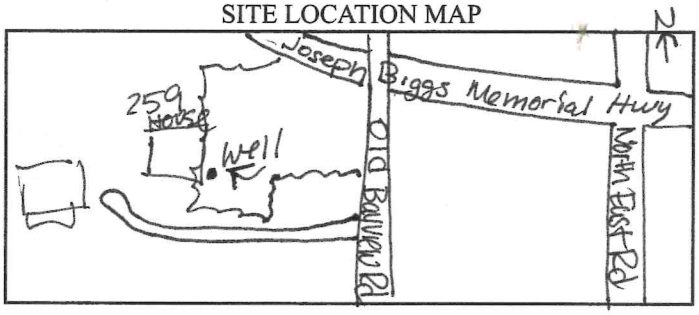
* OWNER'S NAME: Bell J.C.

* WELL LOCATION:
COUNTY: Cecil
NEAREST TOWN: North East
TAX MAP 0025 BLOCK ____ PARCEL 0003
SUBDIVISION: 0000
SECTION: ____ LOT: ____
STREET ADDRESS: 259 Old Bayview Rd.

LATITUDE 39.639955

LONGITUDE 75.965838

SITE LOCATION MAP



LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Grout	0	390
VOLUME OF MATERIAL USED		
600 gal		

* TYPE OF WELL BEING ABANDONED:
X DRILLED ____ JETTED
____ BORED ____ HAND DUG
____ OTHER (specify) ____

* USE CODE:
X DOMESTIC ____ MUNICIPAL/PUBLIC
____ IRRIGATION ____ INDUSTRIAL
____ TEST/OBSERVATION ____ GEOTHERMAL

* TYPE OF CASING:
____ STEEL X PLASTIC
____ CONCRETE ____ OTHER (specify)
____

SIZE OF CASING: 10 INCHES IN DIAMETER

DEPTH OF WELL: 390 FEET DEEP

WAS ANY CASING REMOVED? ____ YES X NO
If yes, length removed, in feet: ____

WAS CASING RIPPED OR PERFORATED? ____ YES X NO

Pursuant to § 10-624 of the State Govt. Article of the Maryland Code, personal info requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info may result in this form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or State Law.

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE# MGD 141 — MWD / MSD / MGS CIRCLE ONE — 4/5/24 DATE

ORIGINAL

MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION
1800 Washington Blvd., Baltimore, Maryland 21230 (410) 537-3784

****

WATER WELL ABANDONMENT-SEALING REPORT FORM

****

SUBMIT COPIES OF COMPLETED FORM TO:
* COUNTY ENVIRONMENTAL AGENCY (contact MDE, WMA if address needed)
* WELL OWNER
* MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 04/02/2024 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any) CE – 92 – 0195

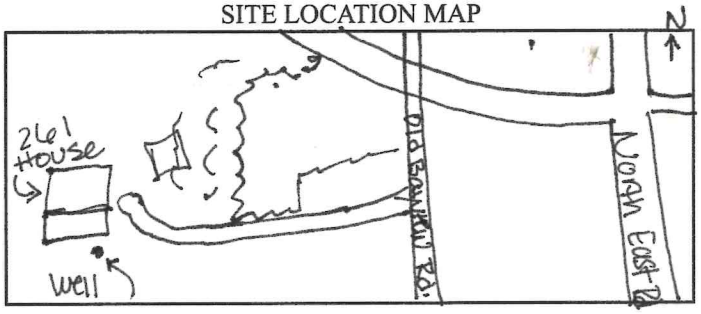
* PERMIT NUMBER OF REPLACEMENT WELL: – –

* PERSON ABANDONING WELL: Joshua Ellingsworth WELL DRILLER'S LICENSE NUMBER: MGD 141
CIRCLE: MWD / MSD / (MGD)

* OWNER'S NAME: Edwards James

* WELL LOCATION:
COUNTY: Cecil
NEAREST TOWN: North EAST
TAX MAP 0025 BLOCK ____ PARCEL 0002
SUBDIVISION: 0000
SECTION: ____ LOT: ____
STREET ADDRESS: 261 Old Bayview Rd.
LATITUDE 39.639559
LONGITUDE 75.964077

SITE LOCATION MAP



LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Grout	0	300

VOLUME OF MATERIAL USED
450 gal

* TYPE OF WELL BEING ABANDONED:
X DRILLED ____ JETTED
____ BORED ____ HAND DUG
____ OTHER (specify) ____

* USE CODE:
X DOMESTIC ____ MUNICIPAL/PUBLIC
____ IRRIGATION ____ INDUSTRIAL
____ TEST/OBSERVATION ____ GEOTHERMAL

* TYPE OF CASING:
____ STEEL X PLASTIC
____ CONCRETE ____ OTHER (specify)

SIZE OF CASING: 6 INCHES IN DIAMETER

DEPTH OF WELL: 300 FEET DEEP

WAS ANY CASING REMOVED? ____ YES X NO
If yes, length removed, in feet: ____

WAS CASING RIPPED OR PERFORATED? ____ YES X NO

Pursuant to § 10-624 of the State Govt. Article of the Maryland Code, personal info requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info may result in this form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or State Law.

[signature] MGD 141 MWD / MSD / MGS 4/5/24
SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE# CIRCLE ONE DATE

ORIGINAL

Attachment E

Water Line Connection and Potable Well Abandonment Photo Log

Photograph Log

ExxonMobil Environmental and Property Solutions (E&PS)
Former Mobil Facility #14489

Photograph: 1

Description: Water lines installation

Location: Old Bayview Road

Date: 3/19/2024

Photograph: 2

Description: 259 Old Bayview Road water meter

Location: 259 Old Bayview Road

Date: 4/2/2024

Photograph Log

ExxonMobil Environmental and Property Solutions (E&PS)
Former Mobil Facility #14489

Photograph: 3

Description: 261 Old Bayview Road water meter

Location:

Date: 4/2/2024

Photograph: 4

Description: Main water line tapping

Location: Main Old Bayview Road

Date: 3/29/2024

Photograph Log

ExxonMobil Environmental and Property Solutions (E&PS)
Former Mobil Facility #14489

Photograph: 5

Description: 259 Old Bayview Road Potable Well

Location: 259 Old Bayview Road

Date: 3/21/2024

Photograph: 6

Description: Abandoned well location

Location: 259 Old Bayview Road

Date: 4/2/2024

Photograph Log

ExxonMobil Environmental and Property Solutions (E&PS)
Former Mobil Facility #14489

Photograph: 7

Description: 259 Old Bayview Road potable pump decommissioning

Location: 259 Old Bayview Road

Date: 4/2/2024

Photograph: 8

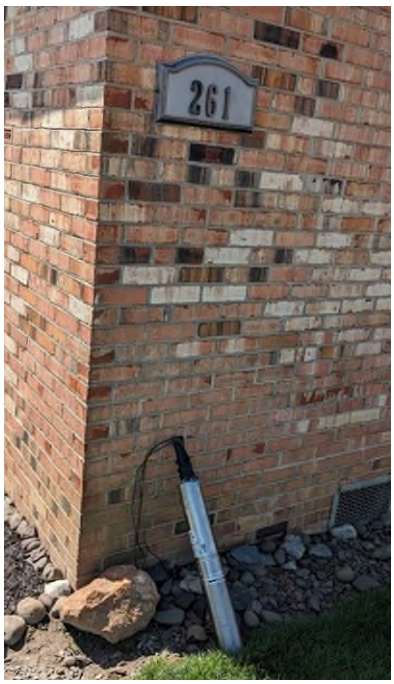
Description: 261 Old Bayview Road Potable Well

Location: 261 Old Bayview Road

Date: 3/21/2024

Photograph Log

ExxonMobil Environmental and Property Solutions (E&PS)
Former Mobil Facility #14489



Photograph: 9

Description: 261 Old Bayview Road pump decommissioning

Location: 261 Old Bayview Road

Date: 4/2/2024

Photograph: 10

Description: 261 Old Bayview Road abandoned well location

Location: 261 Old Bayview Road

Date: 4/3/2024