ARM Group LLC
Engineers and Scientists

April 14, 2020

Ms. Barbara Brown
Project Coordinator
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, MD 21230

Re: NAPL Delineation Completion Report
B6-066-PZ
Area B: Parcel B6
Tradepoint Atlantic
Sparrows Point, MD 21219

Dear Ms. Brown:

In 2017, ARM Group LLC (ARM), on behalf of EnviroAnalytics Group, LLC (EAG), completed a Phase II Investigation of Parcel B6 (the Site) of the Tradepoint Atlantic property located in Sparrows Point, Maryland. In accordance with the approved Phase II Investigation Work Plan for Parcel B6 (Revision 2 dated May 12, 2016) and per agency guidance, observations of non-aqueous phase liquid (NAPL) in the soil cores of a Phase II Investigation soil boring warranted the installation of a temporary NAPL screening piezometer to assess potential NAPL mobility from soil to groundwater. On July 5, 2016, soil boring B6-066-SB was completed in the northwestern portion of Parcel B6 targeting an historical Waste Oil Pit. During the completion of this boring, a strong oil odor and NAPL were observed. Piezometer B6-066-PZ was installed at this location in accordance with the NAPL delineation protocols provided in the Parcel B6 Work Plan. The screening piezometer was installed to 13 feet below ground surface (bgs) with a screen length of 10 feet, using 1-inch diameter PVC screen and riser.

During the 0-hour gauging measurement completed immediately following installation, trace NAPL was observed on the oil-water interface probe upon being withdrawn from the piezometer (**Table 1**). During the 48-hour measurement conducted on July 7, 2016, light NAPL (LNAPL) was detected above the water column with a thickness of 5.04 feet. In an attempt to delineate the extent of the LNAPL observed in B6-066-PZ, an additional 69 NAPL delineation piezometers were installed at surrounding locations during numerous field events between July 12, 2016 and April 26, 2017. The locations of the piezometers, which were installed at varying distances surrounding B6-066-PZ, are provided on **Figure 1** and **Figure 2**.

Each piezometer has been periodically monitored to document the presence of any NAPL and to ensure that significant measurable NAPL has not moved beyond the limits of the delineated area. **Figure 1** displays a summary of NAPL detections over the duration of the project from 2016 to 2020, and **Figure 2** displays a more recent summary using the past 6 months of gauging data. The specific dates of monitoring activities, as well as NAPL thickness measurements and water level measurements, have been included in **Table 1**. This table also includes the installation date of each piezometer, as well as relevant construction details (total depths, screen intervals, etc.). Boring logs documenting soil core observations were completed for all NAPL delineation piezometers installed around B6-066-PZ. Soil boring observation logs and a typical piezometer construction log are provided as **Attachment 1** and **Attachment 2**, respectively.

As provided on **Table 1**, 30 out of the 70 screening piezometers contained measurable LNAPL during at least one gauging event (with four of these locations exhibiting intermittent detections with a maximum of 0.02 feet of LNAPL accumulation), and an additional 11 locations had trace detections of NAPL. Since December 2017, NAPL gauging activities have occurred biweekly at 11 piezometers along the perimeter of the delineation area (B6-066T-PZ, B6-066X-PZ, B6-066LL-PZ, B6-066OO-PZ, B6-066TT-PZ, B6-066BBB-PZ, B6-066DDD-PZ, B6-066FFF-PZ, B6-066JJJ-PZ, B6-066MMM-PZ, and B6-066OOO-PZ) to continue to monitor NAPL mobility. During the first quarter of 2020, quarterly perimeter gauging has been implemented in lieu of biweekly gauging. The perimeter piezometers continue to be free of significant measurable NAPL. Select perimeter locations (most recently B6-066JJJ-PZ) have had intermittent trace detections of NAPL upon withdrawing the oil-water interface probe from the PVC casing. The lack of accumulated measurable NAPL at the edges of the delineation area indicates that it is not highly mobile along the perimeter, and the bulk of the NAPL mass has been delineated.

To date, 21 of the NAPL delineation piezometers have been abandoned or found to be destroyed and unusable in the field, as shown in **Table 1** and symbolized on **Figure 2**. The standard abandonment forms for the 15 piezometers which have been formally abandoned (on November 29, 2017) are provided in **Attachment 3**.

This NAPL Delineation Completion Report is being provided to the MDE and USEPA to present the results of the completed delineation activities. At this time, EAG proposes to abandon the piezometer network (including the original location B6-066-PZ), with the exception of the perimeter locations positioned along the delineation boundary shown in red on **Figure 2**. The perimeter locations will be retained and gauged according to a quarterly schedule in order to continue monitoring the distribution and possible mobility of NAPL beyond the delineation area. The quarterly gauging events for the perimeter piezometers will be reported to the MDE at a minimum frequency of semi-annually.

The interior network piezometers that are proposed to be abandoned will be gauged a final time on the abandonment date (or in the days immediately preceding) using an oil-water interface probe to document the thickness of any NAPL that has accumulated in the casing. Since NAPL is known to be present at many of the interior network locations, a vacuum truck will be used to remove accumulated NAPL from the piezometers prior to abandonment. A brief abandonment letter report will be provided to the MDE following the completion of the proposed abandonments, which shall include the standard abandonment forms and provide the final gauging information.

During future quarterly monitoring events, if NAPL is detected in the perimeter monitoring locations (beyond trace measurements), the MDE will be notified, and any additional required actions will be coordinated as needed. Once the development plan for this area of the property is known, an evaluation of future response actions will be performed. If response actions are required in this area, a separate Work Plan will be submitted under separate cover for agency review and approval.

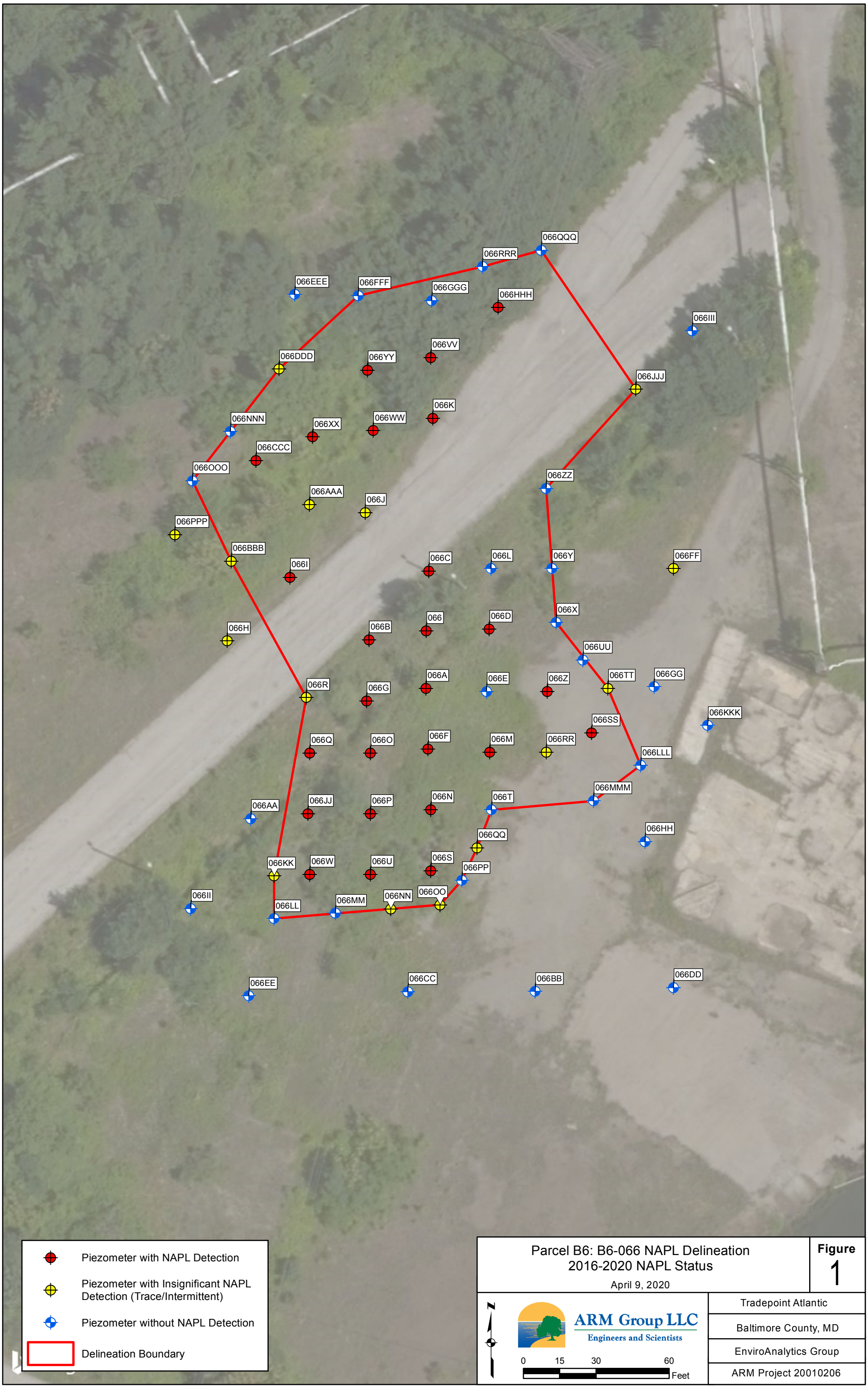
If you have any questions, or if we can provide any additional information at this time, please do not hesitate to contact ARM Group LLC at 410-290-7775.

Respectfully Submitted,
ARM Group LLC

Leandra M. Glumac
Project Geologist

Eric S. Magdar, P.G.
Vice President

FIGURES


066EEE
066FFF
066GGG
066HHH
066RRR
066QQQ
066III
066VV
066YY
066DDD
066JJJ
066K
066NNN
066XX
066WW
066CCC
066OOO
066ZZ
066AAA
066J
066PPP
066BBB
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066MMM
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066N
066T
066HH
066QQ
066KK
066W
066U
066S
066PP
066II
066LL
066MM
066NN
066OO
066EE
066CC
066BB
066DD
Piezometer with NAPL Detection
Piezometer with Insignificant NAPL Detection (Trace/Intermittent)
Piezometer without NAPL Detection
Delineation Boundary
Parcel B6: B6-066 NAPL Delineation
2016-2020 NAPL Status
April 9, 2020
Figure
1
ARM Group LLC
Engineers and Scientists
0
15
30
60
Feet
Tradepoint Atlantic
Baltimore County, MD
EnviroAnalytics Group
ARM Project 20010206


066QQQ
066RRR
066EEE
066FFF
066GGG
066HHH
066III
066VV
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066YY
066JJJ
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066NNN
066XX
066WW
066CCC
066OOO
066ZZ
066AAA
066J
066PPP
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066KK
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066II
066LL
066MM
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066EE
066CC
066BB
066DD
Abandoned Piezometer
Destroyed Piezometer
Piezometer with Insignificant NAPL Detection (Trace/Intermittent)
Piezometer without NAPL Detection
Piezometer Not Gauged (Known Historical Impact)
Piezometer Not Gauged
Delineation Boundary
Parcel B6: B6-066 NAPL Delineation
Piezometer & NAPL Status (past 6 months)
April 9, 2020
Figure 2
ARM Group LLC
Engineers and Scientists
0 15 30 60
Feet
Tradepoint Atlantic
Baltimore County, MD
EnviroAnalytics Group
ARM Project 20010206

TABLES

Table 1 - B6-066-PZ NAPL Gauging Activities
Tradepoint Atlantic
Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	7/5/2016			7/7/2016			7/12/2016			7/14/2016			7/20/2016			7/22/2016			7/25/2016			7/26/2016		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	**trace**	**2.40**	**trace**	**2.33**	**7.37**	**5.04**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	NA	NA	NA	NA	NA	NA	**3.25**	**8.38**	**5.13**	**3.20**	**8.16**	**4.96**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29	NA	NA	NA	NA	NA	NA	**2.21**	**9.74**	**7.53**	**2.35**	**9.75**	**7.40**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17	NA	NA	NA	NA	NA	NA	**3.11**	**9.65**	**6.54**	**3.10**	**9.69**	**6.59**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	NA	NA	NA	NA	NA	NA	-	3.10	-	-	11.41	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	13.11	-	-	9.57	-	NM	NM	NM	NM	NM	NM
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3.31**	**8.80**	**5.49**	**3.45**	**7.93**	**4.48**	NM	NM	NM	NM	NM	NM
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	7.43	-	-	7.90	-	NM	NM	NM	NM	NM	NM
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	10.03	-	-	10.09	-	NM	NM	NM	NM	NM	NM
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	8.75	-	-	8.87	-	NM	NM	NM	NM	NM	NM
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	9.49	-	-	9.61	-	NM	NM	NM	NM	NM	NM
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	9.02	-	-	9.27	-	NM	NM	NM	NM	NM	NM
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	3.25	-	-	8.73	-	NM	NM	NM	NM	NM	NM
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	11.33	-	-	12.63	-	NM	NM	NM
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	11.62	-	**11.75**	**13.09**	**1.34**	NM	NM	NM
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3.45**	**7.35**	**3.90**	-	7.76	-	NM	NM	NM
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	3.18	-
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	7.92	-
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	9.45	-
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	11.20	-	NM	NM	NM
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	11.08	-
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SHADED = NAPL Detection

NA = Not Applicable

bgs = below ground surface

NM = Not Measured

TOC = Top of Casing

* Piezometer observed to have been destroyed.

^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

Table 1 - B6-066-PZ NAPL Gauging Activities
Tradepoint Atlantic
Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	7/27/2016			7/28/2016			8/26/2016			9/19/2016			9/20/2016			9/21/2016			9/22/2016			9/23/2016		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	NM	NM	NM	NM	NM	NM	-	6.89	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	NM	NM	NM	NM	NM	NM	-	7.45	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29	NM	NM	NM	NM	NM	NM	-	2.15	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17	NM	NM	NM	NM	NM	NM	-	9.48	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	NM	NM	NM	NM	NM	NM	**11.15**	**11.40**	**0.25**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	NM	NM	NM	NM	NM	NM	-	8.10	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	-	7.82	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	**7.85**	**8.00**	**0.15**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05	NM	NM	NM	NM	NM	NM	-	10.12	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60	NM	NM	NM	NM	NM	NM	-	8.95	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	NM	NM	NM	NM	NM	NM	-	10.72	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	NM	NM	NM	NM	NM	NM	-	3.46	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	NM	NM	NM	NM	NM	NM	-	8.21	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	NM	NM	NM	NM	NM	NM	-	11.49	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	NM	NM	NM	NM	NM	NM	**11.61**	**12.49**	**0.88**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	NM	NM	NM	NM	NM	NM	-	7.52	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	NM	NM	NM	-	9.11	-	**8.84**	**9.38**	**0.54**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	NM	NM	NM	-	8.06	-	-	7.84	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	NM	NM	NM	-	9.35	-	-	9.22	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	-	11.20	-	NM	NM	NM	-	3.50	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	NM	NM	NM	-	11.07	-	-	10.82	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**12.30**	**12.60**	**0.30**	NM	NM	NM	**12.41**	**12.67**	**0.26**	NM	NM	NM
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**trace**	**9.64**	**trace**	NM	NM	NM	-	9.65	-	NM	NM	NM
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	11.69	-	NM	NM	NM	-	11.63	-	NM	NM	NM
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	11.25	-	NM	NM	NM	-	11.75	-	NM	NM	NM
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	11.66	-	NM	NM	NM	**11.62**	**11.80**	**0.18**	NM	NM	NM	NM	NM	NM
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	8.78	-	NM	NM	NM	-	8.82	-
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	12.08	-	NM	NM	NM	-	12.14	-	NM	NM	NM
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	11.11	-	NM	NM	NM	-	11.20	-	NM	NM	NM
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	13.28	-	NM	NM	NM	-	13.34	-	NM	NM	NM
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	9.20	-	NM	NM	NM	-	9.24	-	NM	NM	NM
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	12.48	-	NM	NM	NM	-	12.50	-
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	17.68	-	NM	NM	NM	-	12.52	-
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	13.02	-	NM	NM	NM	-	12.49	-
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	8.88	-	NM	NM	NM	-	8.91	-	NM	NM	NM
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SHADED = NAPL Detection

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bgs = below ground surface

NM = Not Measured
TOC = Top of Casing

* Piezometer observed to have been destroyed.
^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

Table 1 - B6-066-PZ NAPL Gauging Activities
Tradepoint Atlantic
Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	10/5/2016			10/12/2016			10/19/2016			10/20/2016			10/26/2016			11/1/2016			11/11/2016			11/18/2016		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	**6.85**	**6.87**	**0.02**	**7.21**	**7.23**	**0.02**	**7.48**	**7.49**	**0.01**	NM	NM	NM	**7.80**	**7.85**	**0.05**	**7.94**	**8.71**	**0.77**	**8.24**	**10.63**	**2.39**	**8.44**	**9.60**	**1.16**
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	-	7.48	-	-	7.80	-	-	8.04	-	NM	NM	NM	-	8.34	-	-	8.51	-	-	8.79	-	-	8.98	-
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29	**8.93**	**8.94**	**0.01**	**trace**	**9.32**	**trace**	**trace**	**9.56**	**trace**	NM	NM	NM	**trace**	**9.88**	**trace**	**9.88**	**10.02**	**0.14**	**10.12**	**10.33**	**0.21**	**10.52**	**10.54**	**0.02**
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17	-	9.30	-	-	9.62	-	-	9.75	-	NM	NM	NM	**trace**	**9.82**	**trace**	-	9.86	-	**trace**	**9.93**	**trace**	**9.94**	**9.98**	**0.04**
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	-	11.11	-	**11.21**	**11.25**	**0.04**	**11.38**	**11.40**	**0.02**	NM	NM	NM	**11.42**	**11.43**	**0.01**	**10.74**	**11.46**	**0.72**	**11.66**	**11.68**	**0.02**	**11.66**	**11.70**	**0.04**
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	-	8.02	-	-	8.46	-	-	10.03	-	NM	NM	NM	-	10.68	-	-	10.68	-	-	10.77	-	-	11.06	-
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	-	7.82	-	-	8.13	-	-	8.37	-	NM	NM	NM	**8.68**	**8.70**	**0.02**	**trace**	**8.84**	**trace**	**9.14**	**9.16**	**0.02**	-	9.34	-
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	-	7.69	-	**8.15**	**8.17**	**0.02**	**8.40**	**8.45**	**0.05**	NM	NM	NM	**8.70**	**8.74**	**0.04**	**8.93**	**8.95**	**0.02**	**9.18**	**9.33**	**0.15**	**9.35**	**9.63**	**0.28**
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05	-	6.18	-	-	10.29	-	-	10.40	-	NM	NM	NM	-	10.45	-	-	10.91	-	**trace**	**10.57**	**trace**	-	10.58	-
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60	-	5.70	-	-	9.12	-	-	9.22	-	NM	NM	NM	**trace**	**9.26**	**trace**	**trace**	**9.32**	**trace**	**trace**	**9.40**	**trace**	**trace**	**9.43**	**trace**
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	-	6.25	-	-	9.87	-	-	9.98	-	NM	NM	NM	**trace**	**10.03**	**trace**	-	10.07	-	-	10.15	-	**trace**	**10.17**	**trace**
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	**9.23**	**9.25**	**0.02**	**9.69**	**9.70**	**0.01**	**9.86**	**9.88**	**0.02**	NM	NM	NM	**9.93**	**9.95**	**0.02**	**9.95**	**10.02**	**0.07**	**10.10**	**10.13**	**0.03**	**10.12**	**10.14**	**0.02**
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	-	8.74	-	-	8.72	-	-	8.57	-	NM	NM	NM	-	9.14	-	-	8.89	-	-	8.78	-	-	9.22	-
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	-	11.46	-	**11.34**	**11.37**	**0.03**	**11.78**	**11.80**	**0.02**	NM	NM	NM	**trace**	**11.80**	**trace**	**trace**	**11.88**	**trace**	-	11.95	-	-	11.96	-
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	**11.59**	**11.67**	**0.08**	**11.75**	**12.33**	**0.58**	**11.88**	**12.76**	**0.88**	NM	NM	NM	**11.96**	**12.73**	**0.77**	**12.04**	**13.38**	**1.34**	**12.18**	**13.23**	**1.05**	**11.22**	**12.24**	**1.02**
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	-	7.55	-	-	7.83	-	-	8.10	-	NM	NM	NM	-	8.40	-	-	8.56	-	-	8.88	-	-	9.06	-
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	-	8.73	-	**trace**	**9.01**	**trace**	**9.29**	**9.90**	**0.61**	NM	NM	NM	**9.55**	**9.90**	**0.35**	**9.65**	**10.78**	**1.13**	**9.78**	**10.36**	**0.58**	**9.84**	**10.55**	**0.71**
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	-	7.59	-	-	7.96	-	-	8.28	-	NM	NM	NM	-	8.51	-	-	8.60	-	-	8.76	-	-	8.83	-
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	-	9.17	-	-	9.31	-	-	9.49	-	NM	NM	NM	-	9.60	-	-	9.37	-	-	9.74	-	-	9.77	-
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	-	11.04	-	**11.20**	**11.23**	**0.03**	-	11.38	-	NM	NM	NM	**trace**	**11.44**	**trace**	**11.51**	**11.54**	**0.03**	**11.72**	**11.81**	**0.09**	**11.72**	**12.10**	**0.38**
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	-	10.79	-	-	10.99	-	-	11.12	-	NM	NM	NM	-	11.20	-	-	11.22	-	-	11.29	-	-	11.31	-
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	**11.61**	**11.63**	**0.02**	**11.84**	**11.85**	**0.01**	**12.06**	**12.08**	**0.02**	**12.05**	**12.23**	**0.18**	**12.20**	**12.30**	**0.10**	**12.23**	**12.88**	**0.65**	**12.25**	**13.30**	**1.05**	**12.50**	**13.47**	**0.97**
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	-	8.56	-	-	8.91	-	-	9.21	-	-	9.25	-	-	9.40	-	-	9.53	-	-	9.68	-	-	9.76	-
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	-	10.83	-	-	11.25	-	-	11.45	-	-	11.47	-	-	11.55	-	-	11.59	-	-	11.66	-	-	11.70	-
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	-	10.76	-	-	11.26	-	-	11.50	-	-	11.55	-	-	11.66	-	-	11.72	-	-	11.82	-	-	11.85	-
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	**11.14**	**11.17**	**0.03**	**11.35**	**11.37**	**0.02**	**11.50**	**11.52**	**0.02**	**11.50**	**11.61**	**0.11**	**11.55**	**11.56**	**0.01**	**11.21**	**11.59**	**0.38**	**11.64**	**12.06**	**0.42**	**11.65**	**11.86**	**0.21**
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22	-	7.62	-	-	8.01	-	-	8.34	-	-	12.33	-	-	8.56	-	-	8.67	-	-	8.85	-	-	8.94	-
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45	-	11.63	-	-	11.76	-	-	11.90	-	-	11.91	-	-	11.94	-	-	12.01	-	-	12.20	-	-	12.24	-
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00	-	10.60	-	-	10.77	-	-	10.93	-	-	10.95	-	-	10.99	-	-	11.12	-	-	11.25	-	-	11.27	-
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70	-	12.88	-	-	12.97	-	-	13.11	-	-	13.13	-	-	13.15	-	-	13.20	-	-	13.39	-	-	13.40	-
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30	-	8.11	-	-	8.48	-	-	8.79	-	-	8.33	-	-	9.01	-	-	9.13	-	-	9.28	-	-	9.38	-
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	-	11.62	-	-	12.07	-	-	12.30	-	-	12.32	-	-	12.40	-	-	12.43	-	-	12.51	-	-	12.54	-
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	-	11.93	-	-	12.06	-	-	12.13	-	-	12.16	-	-	12.21	-	-	12.26	-	-	12.38	-	-	12.38	-
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92	-	11.97	-	-	12.08	-	-	12.24	-	-	12.24	-	-	12.27	-	-	12.31	-	-	12.52	-	-	12.53	-
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36	-	7.79	-	-	8.13	-	-	8.47	-	-	8.50	-	-	8.68	-	-	8.80	-	-	8.26	-	-	9.05	-
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SHADED = NAPL Detection

NA = Not Applicable
bgs = below ground surface

NM = Not Measured
TOC = Top of Casing

* Piezometer observed to have been destroyed.
^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

Table 1 - B6-066-PZ NAPL Gauging Activities
Tradepoint Atlantic
Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	12/2/2016			12/9/2016			12/16/2016			12/22/2016			12/29/2016			1/5/2017			1/12/2017			1/13/2017		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	**8.45**	**8.70**	**0.25**	**trace**	**7.45**	**trace**	**7.46**	**7.53**	**0.07**	**trace**	**7.07**	**trace**	**trace**	**7.02**	**trace**	-	6.62	-	-	7.02	-	NM	NM	NM
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	**trace**	**9.10**	**trace**	-	8.00	-	-	8.04	-	-	7.64	-	-	7.58	-	-	7.20	-	-	7.60	-	NM	NM	NM
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29	**10.60**	**10.64**	**0.04**	-	9.55	-	-	9.59	-	-	9.16	-	-	9.13	-	-	8.73	-	**9.12**	**9.14**	**0.02**	NM	NM	NM
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17	-	9.8	-	-	9.40	-	-	9.59	-	-	9.49	-	-	9.49	-	-	9.10	-	-	9.39	-	NM	NM	NM
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	**11.53**	**11.55**	**0.02**	**11.24**	**11.25**	**0.10**	-	11.19	-	**trace**	**11.01**	**trace**	**trace**	**10.94**	**trace**	-	10.66	-	-	10.80	-	NM	NM	NM
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	-	8.11	-	-	8	-	-	8.28	-	-	8.15	-	-	8.03	-	-	8.02	-	-	8.16	-	NM	NM	NM
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	**trace**	**9.42**	**trace**	**trace**	**8.37**	**trace**	**trace**	**8.40**	**trace**	-	7.99	-	**trace**	**7.93**	**trace**	**trace**	**7.53**	**trace**	-	7.94	-	NM	NM	NM
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	**9.45**	**9.65**	**0.20**	-	8.42	-	**trace**	**8.43**	**trace**	-	8.05	-	-	7.98	-	-	7.88	-	-	8.00	-	NM	NM	NM
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05	-	10.42	-	-	10.15	-	-	10.27	-	-	10.18	-	-	10.17	-	-	9.98	-	-	10.11	-	NM	NM	NM
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60	**trace**	**9.24**	**trace**	**trace**	**8.71**	**trace**	**9.10**	**9.16**	**0.06**	**trace**	**8.96**	**trace**	**trace**	**8.99**	**trace**	**trace**	**8.70**	**trace**	**trace**	**8.92**	**trace**	NM	NM	NM
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	**trace**	**10.00**	**trace**	-	9.65	-	**trace**	**9.86**	**trace**	-	9.74	-	-	9.74	-	**9.39**	**9.40**	**0.01**	**trace**	**9.66**	**trace**	NM	NM	NM
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	**trace**	**9.93**	**trace**	-	9.34	-	-	9.66	-	-	9.46	-	-	9.47	-	-	8.96	-	-	9.34	-	NM	NM	NM
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	-	9.26	-	-	9.17	-	-	9.38	-	-	8.67	-	-	8.27	-	-	8.67	-	-	8.36	-	NM	NM	NM
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	-	11.89	-	-	11.62	-	**11.60**	**11.65**	**0.05**	-	11.43	-	-	11.4	-	-	10.97	-	**trace**	**11.19**	**trace**	NM	NM	NM
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	**12.00**	**12.56**	**0.56**	**11.77**	**11.80**	**0.03**	**11.76**	**12.48**	**0.72**	**11.05**	**12.55**	**1.50**	**11.43**	**12.82**	**1.39**	**11.08**	**11.11**	**0.03**	**11.33**	**15.77**	**4.44**	NM	NM	NM
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	-	9.15	-	-	8.10	-	-	8.14	-	-	7.72	-	-	7.65	-	-	7.25	-	-	7.65	-	NM	NM	NM
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	**9.94**	**11.24**	**1.30**	-	9.39	-	**9.12**	**9.43**	**0.31**	**9.01**	**9.32**	**0.31**	-	8.99	-	**8.67**	**8.70**	**0.03**	**8.90**	**8.96**	**0.06**	NM	NM	NM
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	-	8.81	-	**trace**	**8.18**	**trace**	**8.13**	**8.14**	**0.01**	**trace**	**7.92**	**trace**	**trace**	**7.93**	**trace**	-	7.52	-	-	7.79	-	NM	NM	NM
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	**9.80**	**9.82**	**0.02**	-	9.47	-	-	9.31	-	-	9.24	-	-	9.27	-	-	9.16	-	-	9.29	-	NM	NM	NM
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	**11.57**	**11.59**	**0.02**	**11.20**	**11.23**	**0.03**	**11.20**	**11.31**	**0.11**	-	10.99	-	-	10.26	-	-	10.54	-	-	10.74	-	NM	NM	NM
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	-	11.23	-	-	10.96	-	-	10.95	-	-	10.76	-	-	10.49	-	-	10.32	-	-	10.53	-	NM	NM	NM
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	**12.38**	**12.46**	**0.08**	**11.99**	**12.05**	**0.06**	**11.88**	**12.16**	**0.28**	**11.71**	**12.52**	**0.81**	**11.59**	**12.08**	**0.49**	**8.17**	**8.18**	**0.01**	**8.35**	**8.41**	**0.06**	NM	NM	NM
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	**9.75**	**9.87**	**0.12**	**9.18**	**9.31**	**0.13**	**9.11**	**9.70**	**0.59**	**8.70**	**8.91**	**0.21**	**8.93**	**9.16**	**0.23**	**8.44**	**8.46**	**0.02**	**8.68**	**8.75**	**0.07**	NM	NM	NM
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	-	11.52	-	-	11.00	-	-	11.21	-	-	10.96	-	-	10.96	-	-	10.17	-	-	10.71	-	NM	NM	NM
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	-	11.60	-	-	10.76	-	-	11.16	-	-	10.85	-	-	10.86	-	-	10.14	-	-	10.66	-	NM	NM	NM
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	**11.57**	**11.68**	**0.11**	**11.30**	**11.37**	**0.07**	**11.32**	**11.45**	**0.13**	**11.14**	**11.25**	**0.11**	**11.10**	**11.12**	**0.02**	**trace**	**10.67**	**trace**	**trace**	**10.89**	**trace**	NM	NM	NM
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22	-	8.94	-	-	8.35	-	-	8.23	-	-	8.01	-	-	8.01	-	-	7.57	-	-	7.87	-	NM	NM	NM
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45	-	12.05	-	-	11.79	-	-	11.72	-	-	11.56	-	-	11.50	-	-	11.20	-	-	11.34	-	NM	NM	NM
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00	-	11.12	-	-	10.81	-	-	10.75	-	-	10.53	-	-	10.72	-	-	10.11	-	-	10.30	-	NM	NM	NM
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70	-	13.24	-	-	13.00	-	-	12.93	-	-	12.74	-	-	12.71	-	-	12.42	-	-	12.55	-	NM	NM	NM
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30	-	9.38	-	-	8.75	-	-	8.67	-	-	9.48	-	-	8.50	-	-	8.05	-	-	8.35	-	NM	NM	NM
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	-	12.44	-	-	11.81	-	-	12.01	-	-	11.77	-	-	11.76	-	-	11.08	-	-	11.52	-	NM	NM	NM
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	-	12.38	-	-	12.13	-	-	12.06	-	-	12.04	-	-	11.91	-	-	11.64	-	-	11.75	-	NM	NM	NM
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92	-	12.38	-	-	12.12	-	-	12.05	-	-	11.85	-	-	11.82	-	-	11.51	-	-	11.67	-	NM	NM	NM
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36	-	9.08	-	-	8.43	-	-	8.35	-	-	8.14	-	-	8.15	-	-	7.69	-	-	8.02	-	NM	NM	NM
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**8.28**	**8.37**	**0.09**
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	7.50	-
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	8.38	-
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	9.75	-
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**trace**	**11.96**	**trace**
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	7.76	-
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**trace**	**7.43**	**trace**
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SHADED = NAPL Detection

NA = Not Applicable
bgs = below ground surface

NM = Not Measured
TOC = Top of Casing

* Piezometer observed to have been destroyed.
^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

Table 1 - B6-066-PZ NAPL Gauging Activities
Tradepoint Atlantic
Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	1/16/2017			1/17/2017			1/18/2017			1/19/2017			1/26/2017			2/2/2017			2/8/2017			2/16/2017		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	**trace**	**7.02**	**trace**	**trace**	**6.73**	**trace**	-	7.14	-	**7.29**	**7.31**	**0.02**	**7.50**	**7.52**	**0.02**
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	7.58	-	-	7.32	-	-	7.71	-	-	7.87	-	-	8.10	-
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	9.13	-	-	8.83	-	-	9.27	-	-	9.34	-	-	9.64	-
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	9.49	-	-	9.21	-	-	9.46	-	* Destroyed					
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	**trace**	**10.94**	**trace**	-	11.00	-	-	11.09	-	**trace**	**11.11**	**trace**	-	11.23	-
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.03	-	-	8.07	-	-	8.33	-	-	8.44	-	-	8.33	-
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	**trace**	**7.93**	**trace**	-	7.64	-	**trace**	**8.05**	**trace**	**trace**	**8.13**	**trace**	**trace**	**8.45**	**trace**
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	**7.76**	**7.80**	**0.04**	**7.67**	**7.69**	**0.02**	**8.08**	**8.10**	**0.02**	**8.21**	**8.32**	**0.11**	**8.47**	**8.50**	**0.03**
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	10.11	-	-	10.00	-	-	10.14	-	-	10.24	-	-	10.29	-
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.90	-	-	8.76	-	-	8.97	-	**trace**	**9.09**	**trace**	**trace**	**9.12**	**trace**
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	9.65	-	-	9.50	-	-	9.74	-	-	9.88	-	-	9.91	-
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	NM	NM	NM	NM	NM	NM	NM	NM	NM	**9.35**	**9.93**	**0.58**	-	9.10	-	-	9.48	-	**trace**	**9.67**	**trace**	**trace**	**9.78**	**trace**
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.37	-	-	8.33	-	-	8.69	-	-	8.23	-	-	8.54	-
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	**11.46**	**11.50**	**0.04**	**11.35**	**11.48**	**0.13**	**11.39**	**11.42**	**0.03**	**11.54**	**12.20**	**0.66**	**11.65**	**11.69**	**0.04**
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	**11.61**	**12.95**	**1.34**	**11.47**	**11.58**	**0.11**	**11.50**	**11.65**	**0.15**	**11.72**	**12.94**	**1.22**	**11.75**	**12.64**	**0.89**
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	7.63	-	-	7.39	-	-	7.80	-	-	7.93	-	-	8.17	-
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	**8.98**	**8.99**	**0.01**	**8.86**	**8.87**	**0.01**	**9.08**	**9.09**	**0.01**	**9.17**	**10.01**	**0.01**	**9.45**	**9.65**	**0.20**
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.89	-	-	7.74	-	-	7.98	-	-	8.21	-	-	8.35	-
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	9.30	-	-	9.22	-	-	9.25	-	-	9.40	-	-	9.50	-
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.04	-	-	10.91	-	-	10.93	-	-	11.10	-	-	11.23	-
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	10.83	-	-	10.70	-	-	10.73	-	-	10.90	-	-	11.04	-
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	**11.56**	**11.90**	**0.34**	**11.44**	**11.53**	**0.09**	**11.55**	**11.57**	**0.02**	**11.78**	**12.45**	**0.67**	**11.92**	**11.97**	**0.05**
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	**8.57**	**8.79**	**0.22**	**8.72**	**8.74**	**0.02**	**8.96**	**8.97**	**0.01**	**9.14**	**9.51**	**0.37**	**9.33**	**9.35**	**0.02**
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	10.93	-	-	10.74	-	-	10.96	-	-	11.22	-	-	11.35	-
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	10.84	-	-	10.53	-	-	10.89	-	-	11.17	-	-	11.38	-
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	**11.16**	**11.18**	**0.02**	**trace**	**11.03**	**trace**	**trace**	**11.09**	**trace**	-	11.25	-	-	11.38	-
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	7.99	-	-	7.85	-	-	8.08	-	-	8.38	-	-	8.47	-
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.61	-	-	11.56	-	-	11.52	-	-	11.67	-	-	11.75	-
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	10.60	-	-	10.48	-	-	10.50	-	-	10.66	-	-	10.78	-
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	12.83	-	-	12.76	-	-	12.72	-	-	12.86	-	-	12.95	-
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.46	-	-	8.32	-	-	8.55	-	-	8.73	-	-	8.91	-
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.73	-	-	11.48	-	-	11.71	-	-	11.96	-	-	12.15	-
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.93	-	-	11.91	-	-	11.92	-	-	11.98	-	-	12.12	-
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.94	-	-	11.84	-	-	11.85	-	-	11.66	-	-	12.09	-
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.12	-	-	7.98	-	-	8.21	-	-	8.41	-	-	8.59	-
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	**8.35**	**8.60**	**0.25**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	**8.38**	**9.55**	**1.17**	**8.62**	**9.83**	**1.21**	**8.73**	**9.75**	**1.02**
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	-	7.34	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-		-	-	8.12	-	-	8.29	-
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	-	8.40	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.50	-	-	8.66	-	-	8.83	-
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	-	9.81	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	9.88	-	-	10.03	-	-	10.31	-
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27	-	11.03	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.03	-	-	11.19	-	-	11.35	-
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	-	11.31	-	-	11.34	-	-	11.35	-	NM	NM	NM	NM	NM	NM	-	11.30	-	-	11.46	-	-	11.62	-
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	-	11.39	-	-	11.41	-	-	11.44	-	NM	NM	NM	NM	NM	NM	-	11.37	-	-	11.54	-	-	11.66	-
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	-	11.04	-	-	11.10	-	-	11.11	-	NM	NM	NM	NM	NM	NM	-	11.05	-	-	11.19	-	-	11.33	-
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	-	12.24	-	-	12.05	-	-	12.08	-	NM	NM	NM	NM	NM	NM	-	12.05	-	-	11.46	-	-	12.34	-
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	-	12.03	-	**12.08**	**12.10**	**0.02**	**12.20**	**12.70**	**0.50**	NM	NM	NM	NM	NM	NM	**12.07**	**12.38**	**0.31**	**12.21**	**13.50**	**1.29**	**12.35**	**12.70**	**0.35**
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	**trace**	**12.55**	**trace**	-	12.60	-	-	12.62	-	NM	NM	NM	NM	NM	NM	-	12.56	-	-	12.68	-	-	12.78	-
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	-	11.40	-	-	11.44	-	-	11.45	-	NM	NM	NM	NM	NM	NM	-	11.42	-	-	11.58	-	-	11.72	-
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	-	7.60	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	**7.70**	**7.71**	**0.01**	**7.80**	**7.90**	**0.10**	**7.90**	**7.91**	**0.01**
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	**7.42**	**7.55**	**0.13**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	**8.50**	**10.50**	**2.00**	**7.51**	**9.05**	**1.54**	**8.80**	**8.90**	**0.10**
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	NA	NA	NA	-	7.05	-	NM	NM	NM	**7.05**	**8.61**	**1.56**	NM	NM	NM	**7.10**	**9.26**	**2.16**	**7.39**	**8.40**	**1.01**	**7.35**	**9.92**	**2.57**
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	NA	NA	NA	-	7.70	-	NM	NM	NM	**7.15**	**8.66**	**1.51**	NM	NM	NM	**7.18**	**8.25**	**1.07**	**7.40**	**9.63**	**2.23**	**7.52**	**8.61**	**1.09**
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05	NA	NA	NA	-	10.06	-	NM	NM	NM	-	9.96	-	NM	NM	NM	-	9.48	-	-	9.06	-	-	9.44	-
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	NA	NA	NA	-	8.73	-	NM	NM	NM	-	8.71	-	NM	NM	NM	-	8.85	-	-	8.96	-	-	9.02	-
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SHADED = NAPL Detection

NA = Not Applicable
bgs = below ground surface

NM = Not Measured
TOC = Top of Casing

* Piezometer observed to have been destroyed.
^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

Table 1 - B6-066-PZ NAPL Gauging Activities
Tradepoint Atlantic
Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	2/23/2017			3/3/2017			3/9/2017			3/10/2017			3/13/2017			3/16/2017			3/21/2017			3/23/2017		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	**7.80**	**8.10**	**0.30**	**7.83**	**8.01**	**0.18**	NM	NM	NM	NM	NM	NM	NM	NM	NM	**trace**	**7.05**	**trace**	NM	NM	NM	NM	NM	NM
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	-	8.23	-	-	8.44	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	7.61	-	NM	NM	NM	NM	NM	NM
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29	-	9.72	-	-	9.97	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	9.14	-	NM	NM	NM	NM	NM	NM
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17																								
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	-	11.18	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.30	-	NM	NM	NM	NM	NM	NM
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	-	9.33	-	-	8.54	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	7.87	-	NM	NM	NM	NM	NM	NM
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	-	8.58	-	-	8.79	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	7.96	-	NM	NM	NM	NM	NM	NM
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	**8.58**	**8.62**	**0.04**	**8.80**	**8.82**	**0.02**	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	7.97	-	NM	NM	NM	NM	NM	NM
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05	-	10.29	-	-	10.33	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	10.05	-	NM	NM	NM	NM	NM	NM
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60	**trace**	**9.15**	**trace**	-	9.18	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.82	-	NM	NM	NM	NM	NM	NM
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	-	9.90	-	-	9.93	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	9.58	-	NM	NM	NM	NM	NM	NM
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	**9.62**	**9.80**	**0.18**	**9.82**	**9.83**	**0.01**	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	9.16	-	NM	NM	NM	NM	NM	NM
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	-	8.59	-	-	9.08	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.81	-	NM	NM	NM	NM	NM	NM
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	**11.69**	**11.74**	**0.05**	**11.85**	**11.90**	**0.05**	NM	NM	NM	NM	NM	NM	NM	NM	NM	**11.65**	**11.74**	**0.09**	NM	NM	NM	NM	NM	NM
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	**11.78**	**12.29**	**0.51**	**11.90**	**12.83**	**0.93**	NM	NM	NM	NM	NM	NM	NM	NM	NM	**11.00**	**11.03**	**0.03**	NM	NM	NM	NM	NM	NM
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	-	8.29	-	-	8.49	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	7.67	-	NM	NM	NM	NM	NM	NM
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	**9.45**	**9.53**	**0.08**	**9.63**	**9.75**	**0.12**	NM	NM	NM	NM	NM	NM	NM	NM	NM	**trace**	**9.21**	**trace**	NM	NM	NM	NM	NM	NM
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	-	8.37	-	**8.44**	**8.45**	**0.01**	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.01	-	NM	NM	NM	NM	NM	NM
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	-	9.49	-	-	9.59	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	9.27	-	NM	NM	NM	NM	NM	NM
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	-	11.23	-	**trace**	**11.35**	**trace**	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.27	-	NM	NM	NM	NM	NM	NM
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	-	11.02	-	-	11.18	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.01	-	NM	NM	NM	NM	NM	NM
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	**11.80**	**11.90**	**0.10**	**12.13**	**12.25**	**0.12**	NM	NM	NM	NM	NM	NM	NM	NM	NM	**11.89**	**11.96**	**0.07**	NM	NM	NM	NM	NM	NM
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	**8.40**	**8.42**	**0.02**	**9.43**	**9.47**	**0.04**	NM	NM	NM	NM	NM	NM	NM	NM	NM	**9.00**	**9.02**	**0.02**	NM	NM	NM	NM	NM	NM
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	-	11.38	-	-	11.50	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	10.99	-	NM	NM	NM	NM	NM	NM
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	-	11.46	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	10.59	-	NM	NM	NM	NM	NM	NM
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	-	11.40	-	**trace**	**11.54**	**trace**	NM	NM	NM	NM	NM	NM	NM	NM	NM	**11.32**	**11.33**	**0.01**	NM	NM	NM	NM	NM	NM
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22	-	8.49	-	-	8.60	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.12	-	NM	NM	NM	NM	NM	NM
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45	-	11.68	-	-	11.88	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.85	-	NM	NM	NM	NM	NM	NM
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00	-	10.73	-	-	10.93	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	10.83	-	NM	NM	NM	NM	NM	NM
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70	-	12.89	-	-	13.10	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	13.05	-	NM	NM	NM	NM	NM	NM
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30	-	8.97	-	-	9.02	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.60	-	NM	NM	NM	NM	NM	NM
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	-	12.22	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.65	-	NM	NM	NM	NM	NM	NM
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	-	12.13	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	12.18	-	NM	NM	NM	NM	NM	NM
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92	-	12.06	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	12.17	-	NM	NM	NM	NM	NM	NM
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36	-	8.62	-	-	8.72	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.27	-	NM	NM	NM	NM	NM	NM
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	**8.80**	**9.70**	**0.90**	**9.00**	**9.82**	**0.82**	NM	NM	NM	NM	NM	NM	NM	NM	NM	**8.31**	**9.35**	**1.04**	NM	NM	NM	NM	NM	NM
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	-	8.36	-	-	8.42	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	7.98	-	NM	NM	NM	NM	NM	NM
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	-	8.90	-	-	8.95	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.53	-	NM	NM	NM	NM	NM	NM
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	-	10.64	-	-	11.00	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.97	-	NM	NM	NM	NM	NM	NM
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27	-	11.34	-	-	11.48	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.37	-	NM	NM	NM	NM	NM	NM
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	-	11.60	-	-	11.77	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.64	-	NM	NM	NM	NM	NM	NM
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	-	11.67	-	-	11.82	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.70	-	NM	NM	NM	NM	NM	NM
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	-	11.32	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.36	-	NM	NM	NM	NM	NM	NM
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	-	12.36	-	-	12.49	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	12.28	-	NM	NM	NM	NM	NM	NM
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	**12.33**	**12.45**	**0.12**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	-	12.77	-	-	12.93	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	12.88	-	NM	NM	NM	NM	NM	NM
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	-	11.75	-	-	11.86	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.64	-	NM	NM	NM	NM	NM	NM
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	**7.70**	**7.72**	**0.02**	**7.79**	**7.83**	**0.04**	NM	NM	NM	NM	NM	NM	NM	NM	NM	**7.47**	**7.50**	**0.03**	NM	NM	NM	NM	NM	NM
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	**8.80**	**9.01**	**0.21**	**9.00**	**9.58**	**0.58**	NM	NM	NM	NM	NM	NM	NM	NM	NM	**8.22**	**8.30**	**0.08**	NM	NM	NM	NM	NM	NM
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	**7.60**	**8.02**	**0.42**	**7.48**	**8.02**	**0.54**	NM	NM	NM	NM	NM	NM	NM	NM	NM	**6.90**	**6.92**	**0.02**	NM	NM	NM	NM	NM	NM
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	**7.50**	**9.10**	**1.60**	**7.58**	**9.09**	**1.51**	NM	NM	NM	NM	NM	NM	NM	NM	NM	**7.11**	**9.62**	**2.51**	NM	NM	NM	NM	NM	NM
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05	-	9.50	-	-	9.93	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	9.58	-	NM	NM	NM	NM	NM	NM
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	-	9.01	-	-	9.05	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.68	-	NM	NM	NM	NM	NM	NM
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	NA	NA	NA	NA	NA	NA	-	14.44	-	NM	NM	NM	-	9.45	-	-	9.08	-	NM	NM	NM	NM	NM	NM
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	NA	NA	NA	NA	NA	NA	-	14.32	-	NM	NM	NM	**7.92**	**8.03**	**0.11**	**7.40**	**7.55**	**0.15**	NM	NM	NM	NM	NM	NM
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	NA	NA	NA	NA	NA	NA	-	5.91	-	NM	NM	NM	-	5.95	-	-	5.94	-	NM	NM	NM	NM	NM	NM
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10	NA	NA	NA	NA	NA	NA	-	7.55	-	NM	NM	NM	-	7.53	-	-	7.16	-	NM	NM	NM	NM	NM	NM
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	NA	NA	NA	NA	NA	NA	-	7.00	-	NM	NM	NM	-	6.99	-	-	6.62	-	NM	NM	NM	NM	NM	NM
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91	NA	NA	NA	NA	NA	NA	-	6.71	-	NM	NM	NM	-	6.49	-	-	6.18	-	NM	NM	NM	NM	NM	NM
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	NA	NA	NA	NA	NA	NA	-	13.76	-	NM	NM	NM	-	9.12	-	-	8.67	-	NM	NM	NM	NM	NM	NM
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	8.89	-	-	8.93	-	-	8.20	-	NM	NM	NM	NM	NM	NM
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	9.40	-	-	9.25	-	-	8.90	-	NM	NM	NM	NM	NM	NM
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	16.87	-	-	13.85	-	-	13.28	-	NM	NM	NM	NM	NM	NM
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	12.73	-	-	12.99	-	-	12.76	-	NM	NM	NM	NM	NM	NM
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	12.33	-	-	12.42	-	-	12.19	-	NM	NM	NM	NM	NM	NM
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	16.50	-
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	14.01	-	-	5.71	-
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	9.19	-	-	6.86	-
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SHADED = NAPL Detection

NA = Not Applicable
bgs = below ground surface

NM = Not Measured
TOC = Top of Casing

* Piezometer observed to have been destroyed.
^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

Table 1 - B6-066-PZ NAPL Gauging Activities
Tradepoint Atlantic
Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	3/27/2017			3/29/2017			4/6/2017			4/13/2017			4/21/2017			4/24/2017			4/26/2017			4/28/2017		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	NM	NM	NM	**7.06**	**7.10**	**0.02**	**trace**	**6.26**	**trace**	**trace**	**6.81**	**trace**	**trace**	**7.04**	**trace**	**trace**	**7.16**	**trace**	NM	NM	NM	NM	NM	NM
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	NM	NM	NM	-	7.70	-	-	6.91	-	-	7.38	-	-	7.61	-	-	7.75	-	NM	NM	NM	NM	NM	NM
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29	NM	NM	NM	-	9.24	-	-	8.75	-	-	8.89	-	-	9.15	-	-	9.28	-	NM	NM	NM	NM	NM	NM
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17																								
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	NM	NM	NM	-	11.17	-	**trace**	**10.92**	**trace**	**trace**	**11.03**	**trace**	-	11.15	-	-	11.19	-	NM	NM	NM	NM	NM	NM
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	NM	NM	NM	-	8.15	-	-	7.44	-	-	8.04	-	-	8.20	-	-	8.32	-	NM	NM	NM	NM	NM	NM
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	NM	NM	NM	**trace**	**8.06**	**trace**	**trace**	**7.16**	**trace**	**trace**	**7.76**	**trace**	**10.96**	**10.98**	**0.02**	**trace**	**8.08**	**trace**	NM	NM	NM	NM	NM	NM
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	NM	NM	NM	**8.05**	**8.07**	**0.02**	-	8.05	-	-	7.75	-	**7.94**	**7.99**	**0.05**	**trace**	**8.11**	**trace**	NM	NM	NM	NM	NM	NM
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05	NM	NM	NM	-	10.11	-	-	9.86	-	-	9.87	-	-	10.01	-	-	10.03	-	NM	NM	NM	NM	NM	NM
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60	NM	NM	NM	-	8.92	-	-	8.53	-	-	8.61	-	-	8.83	-	**trace**	**8.87**	**trace**	NM	NM	NM	NM	NM	NM
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	NM	NM	NM	-	9.68	-	-	9.30	-	-	9.35	-	-	9.85	-	-	9.63	-	NM	NM	NM	NM	NM	NM
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	NM	NM	NM	**trace**	**9.36**	**trace**	**trace**	**8.61**	**trace**	-	8.79	-	**9.19**	**9.20**	**0.01**	**9.25**	**9.27**	**0.02**	NM	NM	NM	NM	NM	NM
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	NM	NM	NM	-	8.41	-	-	7.47	-	-	8.16	-	-	8.08	-	-	8.23	-	NM	NM	NM	NM	NM	NM
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	NM	NM	NM	**11.53**	**11.70**	**0.17**	**11.08**	**11.35**	**0.27**	**11.25**	**11.67**	**0.42**	**11.48**	**11.85**	**0.37**	**11.62**	**12.33**	**0.71**	NM	NM	NM	NM	NM	NM
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	NM	NM	NM	**11.67**	**12.60**	**0.93**	**11.10**	**11.42**	**0.32**	**11.29**	**11.54**	**0.25**	**11.61**	**12.41**	**0.8**	**11.69**	**12.83**	**1.14**	NM	NM	NM	NM	NM	NM
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	NM	NM	NM	-	7.78	-	-	7.06	-	-	7.44	-	-	7.69	-	-	7.81	-	NM	NM	NM	NM	NM	NM
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	NM	NM	NM	-	8.99	-	-	8.33	-	**8.65**	**9.17**	**0.52**	**8.92**	**9.88**	**0.96**	**8.76**	**9.23**	**0.47**	NM	NM	NM	NM	NM	NM
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	NM	NM	NM	-	7.55	-	-	7.38	-	-	7.44	-	-	7.81	-	-	7.91	-	NM	NM	NM	NM	NM	NM
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	NM	NM	NM	-	9.27	-	-	9.05	-	-	9.16	-	-	9.22	-	-	9.24	-	NM	NM	NM	NM	NM	NM
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	NM	NM	NM	-	11.10	-	-	10.56	-	**10.84**	**10.85**	**0.01**	**trace**	**11.07**	**trace**	**trace**	**11.13**	**trace**	NM	NM	NM	NM	NM	NM
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	NM	NM	NM	-	10.88	-	-	10.36	-	-	10.60	-	-	10.83	-	-	10.89	-	NM	NM	NM	NM	NM	NM
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	NM	NM	NM	**11.64**	**12.00**	**0.36**	**9.94**	**10.33**	**0.39**	**11.21**	**11.82**	**0.61**	**11.56**	**12.32**	**0.76**	**11.65**	**13.20**	**1.55**	NM	NM	NM	NM	NM	NM
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	NM	NM	NM	-	8.85	-	-	8.01	-	-	8.43	-	**trace**	**8.80**	**trace**	**trace**	**8.93**	**trace**	NM	NM	NM	NM	NM	NM
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	NM	NM	NM	-	11.07	-	-	9.78	-	-	10.54	-	-	11.00	-	-	11.11	-	NM	NM	NM	NM	NM	NM
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	NM	NM	NM	-	10.86	-	-	9.99	-	-	10.34	-	-	10.81	-	-	10.92	-	NM	NM	NM	NM	NM	NM
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	NM	NM	NM	-	11.21	-	-	10.78	-	-	10.93	-	**trace**	**11.19**	**trace**	-	11.24	-	NM	NM	NM	NM	NM	NM
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22	NM	NM	NM	-	7.95	-	-	7.39	-	-	7.52	-	-	7.90	-	-	8.03	-	NM	NM	NM	NM	NM	NM
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45	NM	NM	NM	-	11.71	-	-	11.52	-	-	11.62	-	-	11.72	-	-	11.73	-	NM	NM	NM	NM	NM	NM
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00	NM	NM	NM	-	10.69	-	-	10.32	-	-	10.40	-	-	10.64	-	-	10.68	-	NM	NM	NM	NM	NM	NM
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70	NM	NM	NM	-	12.92	-	-	12.73	-	-	12.82	-	-	12.93	-	-	12.94	-	NM	NM	NM	NM	NM	NM
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30	NM	NM	NM	-	8.43	-	-	7.90	-	-	8.01	-	-	8.39	-	-	8.50	-	NM	NM	NM	NM	NM	NM
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	NM	NM	NM	-	11.70	-	-	11.05	-	-	11.16	-	-	11.66	-	-	11.80	-	NM	NM	NM	NM	NM	NM
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	NM	NM	NM	-	11.66	-	-	11.77	-	-	11.87	-	-	11.99	-	-	12.05	-	NM	NM	NM	NM	NM	NM
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92	NM	NM	NM	-	12.05	-	-	11.80	-	-	11.91	-	-	12.04	-	-	12.06	-	NM	NM	NM	NM	NM	NM
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36	NM	NM	NM	-	8.08	-	-	7.54	-	-	7.61	-	-	8.05	-	-	8.17	-	NM	NM	NM	NM	NM	NM
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	NM	NM	NM	**trace**	**8.35**	**trace**	**7.48**	**8.20**	**0.72**	**7.96**	**8.28**	**0.32**	-	8.31	-	**8.43**	**9.38**	**0.95**	NM	NM	NM	NM	NM	NM
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	NM	NM	NM	-	7.83	-	-	6.96	-	-	7.39	-	-	7.77	-	-	7.90	-	NM	NM	NM	NM	NM	NM
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	NM	NM	NM	-	8.41	-	-	7.58	-	-	8.01	-	-	8.37	-	-	8.48	-	NM	NM	NM	NM	NM	NM
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	NM	NM	NM	-	8.90	-	-	9.17	-	-	9.59	-	-	9.82	-	-	9.90	-	NM	NM	NM	NM	NM	NM
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27	NM	NM	NM	-	11.20	-	-	10.61	-	-	10.91	-	-	11.16	-	-	11.22	-	NM	NM	NM	NM	NM	NM
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	NM	NM	NM	-	11.47	-	-	11.11	-	-	11.20	-	-	11.44	-	-	11.49	-	NM	NM	NM	NM	NM	NM
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	NM	NM	NM	-	11.54	-	-	11.17	-	-	11.27	-	-	11.50	-	-	11.56	-	NM	NM	NM	NM	NM	NM
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	NM	NM	NM	-	11.20	-	-	10.80	-	-	10.90	-	-	11.73	-	-	11.19	-	NM	NM	NM	NM	NM	NM
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	NM	NM	NM	-	12.18	-	-	11.74	-	-	11.89	-	-	12.13	-	-	12.17	-	NM	NM	NM	NM	NM	NM
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	NM	NM	NM	**12.30**	**13.00**	**0.70**	**11.85**	**12.70**	**0.85**	**12.08**	**12.61**	**0.53**	**12.24**	**13.76**	**1.52**	**12.22**	**13.61**	**1.39**	NM	NM	NM	NM	NM	NM
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	NM	NM	NM	-	12.74	-	-	12.52	-	-	12.96	-	-	12.75	-	-	12.54	-	NM	NM	NM	NM	NM	NM
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	NM	NM	NM	-	11.55	-	-	11.10	-	-	11.23	-	-	11.51	-	-	11.56	-	NM	NM	NM	NM	NM	NM
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	NM	NM	NM	**7.65**	**8.20**	**0.55**	**6.60**	**6.70**	**0.10**	**6.81**	**7.80**	**0.99**	**7.46**	**7.82**	**0.36**	**7.31**	**7.44**	**0.13**	NM	NM	NM	NM	NM	NM
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	NM	NM	NM	**8.45**	**10.00**	**1.55**	**7.64**	**9.75**	**2.11**	**8.03**	**9.70**	**1.67**	**7.43**	**8.38**	**0.95**	**8.11**	**9.66**	**1.55**	NM	NM	NM	NM	NM	NM
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	NM	NM	NM	**7.05**	**8.40**	**1.35**	**6.33**	**8.12**	**1.79**	**6.53**	**9.51**	**2.98**	**6.88**	**8.59**	**1.71**	**6.78**	**8.59**	**1.81**	NM	NM	NM	NM	NM	NM
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	NM	NM	NM	**7.30**	**9.20**	**1.90**	**6.37**	**8.39**	**2.02**	**6.59**	**8.90**	**2.31**	**7.14**	**9.76**	**2.62**	**6.81**	**9.12**	**2.31**	NM	NM	NM	NM	NM	NM
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05	NM	NM	NM	-	9.29	-	-	8.41	-	-	9.18	-	-	8.94	-	-	9.20	-	NM	NM	NM	NM	NM	NM
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	NM	NM	NM	-	6.79	-	-	8.21	-	-	8.50	-	-	8.68	-	-	8.58	-	NM	NM	NM	NM	NM	NM
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	NM	NM	NM	-	9.16	-	-	8.64	-	-	8.91	-	-	9.06	-	-	9.11	-	NM	NM	NM	NM	NM	NM
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	NM	NM	NM	**7.26**	**9.35**	**2.09**	**6.63**	**7.14**	**0.51**	**7.15**	**7.83**	**0.68**	**trace**	**7.39**	**trace**	**6.71**	**9.94**	**3.23**	NM	NM	NM	NM	NM	NM
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	NM	NM	NM	-	5.98	-	-	5.49	-	-	5.86	-	-	5.91	-	-	5.92	-	NM	NM	NM	NM	NM	NM
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10	NM	NM	NM	-	7.31	-	-	5.49	-	-	6.90	-	-	7.18	-	-	7.21	-	NM	NM	NM	NM	NM	NM
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	NM	NM	NM	-	6.78	-	-	6.96	-	-	6.37	-	-	6.65	-	-	6.68	-	NM	NM	NM	NM	NM	NM
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91	NM	NM	NM	-	6.15	-	-	5.40	-	-	5.84	-	-	5.79	-	-	8.84	-	NM	NM	NM	NM	NM	NM
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	NM	NM	NM	**8.83**	**8.95**	**0.12**	**7.80**	**7.85**	**0.05**	**7.80**	**8.22**	**0.42**	**8.49**	**9.17**	**0.68**	**8.42**	**8.85**	**0.43**	NM	NM	NM	NM	NM	NM
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50	NM	NM	NM	-	8.41	-	-	7.69	-	-	7.82	-	-	8.27	-	-	8.33	-	NM	NM	NM	NM	NM	NM
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	NM	NM	NM	-	8.76	-	-	8.21	-	-	8.39	-	-	8.52	-	-	8.62	-	NM	NM	NM	NM	NM	NM
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05	NM	NM	NM	-	13.47	-	-	12.61	-	-	13.34	-	-	13.47	-	-	13.35	-	NM	NM	NM	NM	NM	NM
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33	NM	NM	NM	-	12.63	-	-	12.43	-	-	12.52	-	-	12.63	-	-	12.64	-	NM	NM	NM	NM	NM	NM
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	NM	NM	NM	-	12.05	-	-	11.82	-	-	11.92	-	-	12.06	-	-	12.05	-	NM	NM	NM	NM	NM	NM
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	-	6.79	-	-	6.74	-	-	5.95	-	-	6.75	-	-	6.80	-	-	6.76	-	NM	NM	NM	NM	NM	NM
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	NM	NM	NM	-	5.58	-	-	5.39	-	-	5.54	-	-	5.43	-	-	5.50	-	NM	NM	NM	NM	NM	NM
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30	NM	NM	NM	-	6.99	-	-	6.44	-	-	6.80	-	-	6.92	-	-	6.93	-	NM	NM	NM	NM	NM	NM
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	8.25	-	-	8.24	-
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	7.66	-	-	7.68	-

SHADED = NAPL Detection

NA = Not Applicable
bgs = below ground surface

NM = Not Measured
TOC = Top of Casing

* Piezometer observed to have been destroyed.
^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

Table 1 - B6-066-PZ NAPL Gauging Activities
Tradepoint Atlantic
Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	5/4/2017			5/24/2017			5/30/2017			6/1/2017			6/8/2017			6/15/2017			6/20/2017			6/26/2017		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	**7.18**	**7.21**	**0.03**	-	7.12	-	**6.55**	**6.70**	**0.15**	NM	NM	NM	**trace**	**7.06**	**trace**	**7.37**	**7.71**	**0.34**	**7.54**	**7.70**	**0.16**	**7.80**	**8.10**	**0.30**
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	-	7.78	-	-	7.70	-	-	7.32	-	NM	NM	NM	-	7.66	-	-	7.94	-	-	8.14	-	-	8.36	-
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29	-	9.31	-	* Destroyed																				
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17																								
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	**trace**	**11.24**	**trace**	-	11.25	-	**trace**	**11.03**	**trace**	NM	NM	NM	**11.26**	**11.27**	**0.01**	**trace**	**11.42**	**trace**	-	11.41	-	**trace**	**11.41**	**trace**
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	-	8.24	-	-	8.20	-	-	8.01	-	NM	NM	NM	-	8.18	-	-	9.17	-	-	8.68	-	-	10.11	-
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	-	8.15	-	-	8.08	-	**trace**	**7.69**	**trace**	NM	NM	NM	-	8.03	-	**8.26**	**8.29**	**0.03**	**8.43**	**8.48**	**0.05**	-	8.70	-
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	**8.16**	**8.25**	**0.09**	**8.09**	**8.20**	**0.11**	-	7.71	-	NM	NM	NM	**8.01**	**8.17**	**0.16**	**8.28**	**8.35**	**0.07**	**8.50**	**8.60**	**0.10**	**8.72**	**8.90**	**0.18**
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05	-	10.06	-	-	10.22	-	**trace**	**9.83**	**trace**	NM	NM	NM	-	10.05	-	-	10.26	-	-	10.31	-	-	10.42	-
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60	**trace**	**8.91**	**trace**	-	8.96	-	-	8.60	-	NM	NM	NM	**trace**	**8.91**	**trace**	**trace**	**9.14**	**trace**	**trace**	**9.20**	**trace**	**trace**	**9.31**	**trace**
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	-	9.68	-	-	9.18	-	**trace**	**9.93**	**trace**	NM	NM	NM	-	9.65	-	**8.89**	**8.90**	**0.01**	-	9.36	-	**trace**	**10.05**	**trace**
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	**9.33**	**9.36**	**0.03**	-	9.44	-	-	8.82	-	NM	NM	NM	**9.12**	**9.14**	**0.02**	**9.77**	**9.78**	**0.01**	**trace**	**9.81**	**trace**	**9.95**	**10.00**	**0.05**
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	-	8.54	-	-	8.10	-	-	8.25	-	NM	NM	NM	-	8.31	-	-	8.37	-	-	8.53	-	-	8.69	-
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	**11.48**	**11.58**	**0.10**	-	12.00	-	**trace**	**11.25**	**trace**	NM	NM	NM	**11.60**	**12.35**	**0.75**	**11.82**	**12.16**	**0.34**	**11.83**	**12.08**	**0.25**	**11.84**	**11.95**	**0.11**
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	**11.73**	**13.36**	**1.63**	-	12.80	-	**trace**	**11.45**	**trace**	NM	NM	NM	**11.69**	**13.01**	**1.32**	**11.82**	**13.54**	**1.72**	**11.93**	**12.86**	**0.93**	**11.95**	**13.80**	**1.85**
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	-	7.85	-	-	7.80	-	-	7.71	-	NM	NM	NM	-	7.71	-	-	7.98	-	-	8.19	-	-	8.43	-
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	**8.76**	**9.31**	**0.55**	-	9.10	-	**trace**	**8.70**	**trace**	NM	NM	NM	**9.02**	**9.03**	**0.01**	**9.27**	**10.31**	**1.04**	**9.07**	**9.46**	**0.39**	**9.61**	**11.30**	**1.69**
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	-	7.94	-	-	7.98	-	-	7.55	-	NM	NM	NM	-	7.87	-	-	8.22	-	**trace**	**8.39**	**trace**	**trace**	**8.53**	**trace**
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	-	9.25	-	-	9.25	-	-	9.20	-	NM	NM	NM	-	9.22	-	-	9.37	-	-	9.51	-	**trace**	**9.59**	**trace**
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	-	11.19	-	-	11.21	-	**trace**	**10.90**	**trace**	NM	NM	NM	-	11.20	-	**trace**	**11.42**	**trace**	**trace**	**11.43**	**trace**	**trace**	**11.46**	**trace**
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	-	10.93	-	-	10.99	-	-	10.64	-	NM	NM	NM	-	10.96	-	-	11.13	-	-	11.19	-	-	11.20	-
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	**11.68**	**13.20**	**1.52**	-	12.81	-	**11.10**	**11.35**	**0.25**	NM	NM	NM	**11.72**	**12.02**	**0.30**	**12.01**	**12.61**	**0.60**	**12.08**	**12.44**	**0.36**	**12.16**	**12.30**	**0.14**
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	**8.96**	**8.97**	**0.01**	-	9.00	-	-	9.57	-	NM	NM	NM	-	8.88	-	**9.21**	**9.24**	**0.03**	**8.35**	**8.37**	**0.02**	**8.49**	**8.52**	**0.03**
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	-	11.18	-	-	11.20	-	-	10.71	-	NM	NM	NM	-	11.17	-	-	11.46	-	-	11.50	-	-	11.55	-
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	-	10.96	-	-	11.05	-	-	11.50	-	NM	NM	NM	-	11.00	-	-	11.41	-	-	11.55	-	-	11.63	-
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	-	11.30	-	-	14.15	-	-	11.00	-	NM	NM	NM	-	11.29	-	-	11.48	-	**trace**	**11.53**	**trace**	**trace**	**11.56**	**trace**
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22	-	8.05	-	-	8.10	-	-	7.60	-	NM	NM	NM	-	8.97	-	-	8.33	-	-	8.50	-	-	8.36	-
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45	-	11.79	-	-	10.78	-	-	11.62	-	NM	NM	NM	-	11.83	-	-	11.94	-	-	11.95	-	-	11.96	-
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00	-	10.74	-	-	10.76	-	-	10.45	-	NM	NM	NM	-	10.75	-	-	10.95	-	-	10.98	-	-	11.01	-
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70	-	13.00	-	-	13.05	-	-	12.84	-	NM	NM	NM	-	13.02	-	-	13.24	-	-	12.15	-	-	13.16	-
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30	-	8.54	-	-	8.55	-	-	8.10	-	NM	NM	NM	-	8.47	-	-	8.77	-	-	8.93	-	-	9.06	-
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	-	11.85	-	-	11.95	-	-	11.41	-	NM	NM	NM	-	11.92	-	-	12.24	-	-	12.34	-	**trace**	**12.40**	**trace**
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	-	12.09	-	-	12.00	-	-	11.85	-	NM	NM	NM	-	11.99	-	-	12.11	-	-	12.16	-	-	12.20	-
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92	-	12.12	-	-	12.15	-	-	13.90	-	NM	NM	NM	-	12.13	-	-	12.27	-	-	12.27	-	-	12.29	-
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36	-	8.19	-	-	8.21	-	-	7.73	-	NM	NM	NM	-	8.44	-	-	8.46	-	-	8.61	-	-	8.74	-
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	**8.44**	**8.47**	**0.03**	-	8.45	-	**trace**	**8.00**	**trace**	NM	NM	NM	**trace**	**8.37**	**trace**	**8.74**	**9.30**	**0.56**	**8.48**	**9.78**	**1.30**	**8.89**	**9.76**	**0.87**
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	-	7.92	-	-	7.95	-	-	8.50	-	NM	NM	NM	-	7.47	-	-	7.17	-	-	8.29	-	-	8.44	-
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	-	8.53	-	-	8.55	-	-	8.11	-	NM	NM	NM	-	8.46	-	-	8.73	-	-	8.87	-	-	8.99	-
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	-	9.93	-	-	9.98	-	-	9.69	-	NM	NM	NM	-	9.90	-	-	10.17	-	-	10.41	-	-	10.69	-
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27	-	11.29	-	-	11.30	-	**trace**	**10.97**	**trace**	NM	NM	NM	-	11.29	-	-	11.50	-	-	11.53	-	-	11.59	-
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	-	11.56	-	-	12.61	-	**trace**	**11.25**	**trace**	NM	NM	NM	-	11.57	-	-	11.99	-	-	11.81	-	-	11.82	-
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	-	11.62	-	-	11.67	-	-	11.32	-	NM	NM	NM	-	11.64	-	-	11.81	-	-	11.83	-	-	11.86	-
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	-	11.26	-	-	11.30	-	-	10.96	-	NM	NM	NM	-	11.25	-	-	11.44	-	-	11.48	-	**trace**	**11.51**	**trace**
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	-	12.24	-	-	12.30	-	**trace**	**13.95**	**trace**	NM	NM	NM	-	12.25	-	-	12.45	-	-	12.49	-	-	12.52	-
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	**12.31**	**13.50**	**1.04**	-	13.24	-	**12.15**	**12.30**	**0.15**	NM	NM	NM	**12.37**	**13.40**	**1.03**	**12.50**	**13.33**	**0.83**	**12.51**	**12.85**	**0.34**	**12.54**	**12.80**	**0.26**
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	-	12.81	-	-	12.90	-	**trace**	**12.60**	**trace**	NM	NM	NM	-	12.84	-	-	12.97	-	-	12.99	-	-	13.00	-
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	-	11.61	-	-	11.65	-	-	11.31	-	NM	NM	NM	-	11.64	-	-	11.82	-	-	11.89	-	-	11.90	-
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	**7.52**	**7.71**	**0.19**	-	7.70	-	**6.90**	**7.00**	**0.10**	NM	NM	NM	**7.75**	**8.01**	**0.26**	**8.04**	**8.42**	**0.38**	**7.90**	**7.91**	**0.01**	**7.95**	**8.00**	**0.05**
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	**8.46**	**11.94**	**3.48**	-	8.70	-	**8.00**	**9.75**	**0.25**	NM	NM	NM	**8.33**	**12.54**	**4.21**	**9.70**	**11.26**	**1.56**	**7.77**	**9.11**	**1.34**	**8.90**	**9.11**	**0.21**
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	**7.20**	**9.91**	**2.71**	-	10.40	-	**6.60**	**7.65**	**0.05**	NM	NM	NM	**7.10**	**8.74**	**1.64**	**7.39**	**8.85**	**1.46**	**7.47**	**7.59**	**0.12**	**7.60**	**7.91**	**0.31**
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	**6.73**	**10.77**	**4.04**	-	7.24	-	**6.71**	**8.60**	**1.89**	NM	NM	NM	**7.07**	**11.17**	**4.10**	**7.56**	**9.17**	**1.61**	**7.47**	**7.94**	**0.47**	**7.72**	**9.12**	**1.40**
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05	-	9.49	-	-	8.90	-	-	9.11	-	NM	NM	NM	-	9.09	-	-	9.44	-	-	9.41	-	-	9.63	-
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	**trace**	**8.74**	**trace**	-	8.81	-	**trace**	**8.45**	**trace**	NM	NM	NM	-	8.78	-	-	9.00	-	-	9.04	-	-	9.14	-
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	-	9.13	-	-	9.15	-	-	8.81	-	NM	NM	NM	-	9.08	-	-	9.32	-	**trace**	**9.40**	**trace**	**trace**	**9.49**	**trace**
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	**7.25**	**9.86**	**2.61**	-	7.40	-	**6.10**	**6.83**	**0.73**	NM	NM	NM	**6.97**	**7.41**	**0.44**	**7.40**	**8.11**	**0.71**	**7.59**	**7.95**	**0.36**	-	7.72	-
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	-	5.91	-	-	5.90	-	-	5.70	-	NM	NM	NM	-	5.85	-	-	5.90	-	-	5.91	-	-	5.95	-
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10	-	7.24	-	-	7.30	-	-	6.85	-	NM	NM	NM	-	7.20	-	-	7.43	-	-	7.51	-	-	7.60	-
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	-	6.70	-	-	6.74	-	-	6.32	-	NM	NM	NM	-	6.66	-	-	6.91	-	-	6.97	-	-	7.08	-
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91	-	5.98	-	-	5.90	-	-	5.71	-	NM	NM	NM	-	5.90	-	-	6.33	-	-	6.40	-	-	6.64	-
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	**7.31**	**8.06**	**0.75**	-	9.35	-	**8.00**	**8.30**	**0.30**	NM	NM	NM	**7.21**	**9.90**	**2.69**	**8.73**	**11.81**	**3.08**	**8.96**	**9.21**	**0.25**	**8.59**	**9.15**	**0.56**
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50	-	8.40	-	-	8.50	-	-	7.89	-	NM	NM	NM	-	8.37	-	-	8.75	-	-	8.85	-	-	9.00	-
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	-	8.81	-	-	9.64	-	-	8.56	-	NM	NM	NM	-	8.67	-	-	8.94	-	-	8.96	-	-	9.13	-
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05	-	13.55	-	-	13.30	-	-	13.14	-	NM	NM	NM	-	13.57	-	-	13.72	-	-	13.22	-	-	13.71	-
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33	-	12.71	-	-	12.72	-	-	12.51	-	NM	NM	NM	-	12.74	-	-	12.88	-	-	13.88	-	-	12.89	-
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	-	12.13	-	-	12.20	-	-	11.96	-	NM	NM	NM	-	12.15	-	-	12.32	-	-	12.32	-	-	12.32	-
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	-	6.84	-	-	6.91	-	-	6.90	-	NM	NM	NM	-	6.91	-	-	7.19	-	-	7.03	-	-	7.44	-
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	-	5.60	-	-	5.44	-	-	5.45	-	NM	NM	NM	-	5.49	-	-	5.63	-	-	6.74	-	-	5.96	-
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30	-	6.95	-	-	7.01	-	**trace**	**6.71**	**trace**	NM	NM	NM	-	6.94	-	-	7.16	-	-	7.23	-	-	7.32	-
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11	-	8.37	-	-	8.50	-	-	8.00	-	-	8.04	-	-	8.30	-	-	8.53	-	-	8.63	-	-	8.71	-
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71	-	7.80	-	-	7.85	-	-	7.44	-	-	7.49	-	-	7.76	-	-	8.00	-	-	8.08	-	-	8.19	-

SHADED = NAPL Detection

NA = Not Applicable

bgs = below ground surface

NM = Not Measured

TOC = Top of Casing

* Piezometer observed to have been destroyed.

^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

Table 1 - B6-066-PZ NAPL Gauging Activities
Tradepoint Atlantic
Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	7/13/2017			7/18/2017			7/31/2017			8/14/2017			9/8/2017			9/21/2017			10/3/2017			10/16/2017		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	**8.30**	**8.50**	**0.20**	**trace**	**7.52**	**trace**	-	6.19	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	**trace**	**9.90**	**trace**	-		-	-	6.79	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29																								
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17																								
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	**trace**	**11.59**	**trace**	**trace**	**11.26**	**trace**	-	10.37	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	-	10.60	-	-	8.30	-	-	7.96	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	**9.22**	**9.25**	**0.03**	**trace**	**8.50**	**trace**	-	7.32	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	**9.29**	**9.33**	**0.04**	**trace**	**8.51**	**trace**	**3.42**	**7.22**	**3.80**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05	-	11.60	-	-	10.30	-	-	9.12	-	-	10.01	-	-	10.08	-	-	10.32	-	-	10.49	-	-	10.43	-
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60	-	9.46	-	-	9.13	-	-	7.61	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	-	10.21	-	-	9.89	-	-	7.62	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	**10.10**	**10.08**	**0.07**	**trace**	**9.01**	**trace**	-	8.29	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	-	8.83	-	-	8.86	-	-	7.71	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	**12.01**	**12.45**	**0.44**	**11.65**	**11.72**	**0.07**	**3.39**	**10.77**	**7.38**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	**12.05**	**12.85**	**0.80**	**11.60**	**11.95**	**0.35**	**8.97**	**10.79**	**1.82**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	-	8.97	-	-	8.19	-	-	6.96	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	**9.85**	**10.31**	**0.46**	**10.31**	**10.50**	**0.19**	**trace**	**8.04**	**trace**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	**8.80**	**8.84**	**0.04**	**trace**	**8.31**	**trace**	-	6.38	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	-	9.73	-	**9.43**	**9.45**	**0.02**	-	8.62	-	-	9.13	-	-	9.25	-	-	9.53	-	-	9.69	-	-	9.71	-
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	**11.60**	**11.65**	**0.05**	**11.30**	**11.40**	**0.10**	-	10.23	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	-	11.35	-	-	11.02	-	-	10.02	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	**12.45**	**12.74**	**0.29**	**12.00**	**12.40**	**0.40**	**10.64**	**11.23**	**0.59**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	**9.59**	**9.75**	**0.16**	**9.16**	**9.20**	**0.04**	**trace**	**7.37**	**trace**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	-	11.70	-	-	11.25	-	-	9.23	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	-	11.82	-	-	11.08	-	-	9.28	-	NM	NM	NM	-	10.72	-	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	**trace**	**11.69**	**trace**	**trace**	**11.40**	**trace**	**trace**	**10.35**	**trace**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22	-	8.92	-	-	8.43	-	-	6.44	-	-	7.56	-	-	8.06	-	NM	NM	NM	-	8.77	-	-	8.84	-
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45	-	12.15	-	-	11.83	-	-	11.22	-	-	11.53	-	-	11.58	-	-	11.82	-	-	11.98	-	-	11.90	-
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00	-	11.20	-	-	10.85	-	-	9.83	-	-	10.39	-	-	10.55	-	-	10.91	-	-	11.03	-	-	10.96	-
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70	-	13.34	-	-	13.01	-	-	12.46	-	-	12.74	-	-	12.78	-	-	13.01	-	-	13.15	-	-	13.09	-
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30	-	9.34	-	-	8.87	-	-	6.91	-	-	8.03	-	-	8.53	-	-	8.99	-	-	9.24	-	-	9.28	-
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	-	12.52	-	-	12.02	-	-	10.54	-	-	11.33	-	-	11.68	-	-	12.25	-	-	12.48	-	-	12.36	-
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	-	12.25	-	-	12.07	-	-	11.19	-	-	11.73	-	-	11.80	-	-	12.08	-	-	12.22	-	-	12.05	-
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92	-	12.46	-	-	12.15	-	-	11.40	-	Inaccessible			-	11.88	-	-	12.11	-	-	12.30	-	-	12.21	-
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36	-	9.02	-		8.55	-	-	6.55	-	-	7.67	-	-	8.20	-	-	8.67	-	-	8.92	-	-	8.97	-
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	**9.16**	**10.05**	**0.89**	**5.83 bgs**	**6.50 bgs**	**0.67**	**3.95**	**4.42**	**0.47**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	**trace**	**8.70**	**trace**	-	8.24	-	-	6.46	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	-	9.23	-	-	8.79	-	-	6.94	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	-	11.81	-	-	11.31	-	-	8.81	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27	-	11.76	-	-	11.39	-	-	10.27	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	-	12.01	-	-	11.67	-	-	10.59	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	-	12.02	-	-	11.73	-	-	10.67	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	-	11.65	-	-	11.34	-	-	10.33	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	-	12.65	-	-	12.35	-	-	11.34	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	**12.73**	**12.81**	**0.08**	**12.40**	**12.56**	**0.16**	**trace**	**11.58**	**trace**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	-	13.16	-	-	12.85	-	-	11.94	-	-	12.55	-	-	12.62	-	-	12.86	-	-	13.02	-	-	12.89	-
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	-	12.02	-	-	11.74	-	-	10.62	-	-	11.25	-	-	11.44	-	-	11.81	-	-	11.94	-	-	11.86	-
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	**7.86**	**7.97**	**0.11**	**8.70**	**8.80**	**0.10**	**5.88**	**5.91**	**0.03**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	**9.10**	**9.50**	**0.40**	**8.61**	**8.70**	**0.09**	**7.14**	**8.51**	**1.37**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	**7.80**	**8.00**	**0.20**	**7.30**	**7.35**	**0.05**	**5.92**	**6.31**	**0.39**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	**7.76**	**8.00**	**0.24**	**7.50**	**9.93**	**2.43**	**5.09**	**5.66**	**0.57**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05	-	9.67	-	-	9.59	-	-	8.96	-	-	8.74	-	-	8.67	-	-	7.80	-	-	9.62	-	-	9.33	-
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	-	9.32	-	-	9.00	-	-	7.49	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	-	9.72	-	-	9.35	-	-	7.73	-	-	8.83	-	**trace**	**9.02**	**trace**	-	9.30	-	-	9.45	-	**9.36**	**9.37**	**0.01**
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	**7.86**	**8.15**	**0.29**	**7.40**	**8.00**	**0.60**	**5.50**	**5.91**	**0.41**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	-	6.14	-	-	6.00	-	-	4.98	-	-	5.06	-	-	5.28	-	-	5.63	-	**trace**	**5.71**	**trace**	-	6.04	-
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10	-	7.81	-	-	7.53	-	-	6.01	-	-	7.04	-	-	7.14	-	-	7.52	-	-	7.75	-	-	7.65	-
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	-	7.29	-	-	6.97	-	-	5.49	-	-	6.50	-	-	6.62	-	-	7.04	-	-	7.18	-	-	7.10	-
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91	-	7.11	-	-	6.93	-	-	5.95	-	-	5.90	-	-	5.84	-	-	6.29	-	-	6.91	-	-	6.90	-
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	**9.05**	**9.22**	**0.17**	**9.10**	**9.23**	**0.13**	**7.32**	**7.65**	**0.33**	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50	-	9.21	-	-	8.66	-	-	6.90	-	-	8.14	-	-	8.33	-	-	8.86	-	-	9.07	-	-	8.98	-
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	-	9.31	-	-	9.19	-	-	7.66	-	-	8.45	-	-	8.61	-	-	8.83	-	-	9.33	-	-	9.14	-
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05	-	13.90	-	-	13.59	-	-	4.19	-	-	13.55	-	-	13.24	-	-	13.61	-	-	13.77	-	-	13.65	-
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33	-	13.05	-	-	12.73	-	-	12.06	-	-	12.43	-	-	12.47	-	-	12.72	-	-	12.86	-	-	12.80	-
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	-	12.50	-	-	12.19	-	-	11.41	-	-	11.84	-	-	11.92	-	NM	NM	NM	-	12.35	-	-	12.25	-
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	-	7.81	-	-	6.81	-	-	5.65	-	-	5.52	-	-	6.65	-	-	7.16	-	-	7.51	-	-	6.83	-
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	-	6.31	-	-	6.10	-	-	5.02	-	-	6.44	-	-	5.50	-	-	5.73	-	-	6.24	-	-	6.07	-
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30	-	7.52	-	-	7.21	-	-	5.82	-	-	5.81	-	-	6.88	-	-	7.22	-	-	7.50	-	-	7.23	-
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11	-	8.96	-	-	8.64	-	-	7.10	-	-	8.12	-	-	8.20	-	-	8.66	-	-	8.81	-	-	8.77	-
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71	-	8.39	-	-	8.12	-	-	6.58	-	-	7.61	-	-	7.72	-	-	8.14	-	-	8.30	-	-	8.22	-

SHADED = NAPL Detection

NA = Not Applicable
bgs = below ground surface

NM = Not Measured
TOC = Top of Casing

* Piezometer observed to have been destroyed.
^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

Table 1 - B6-066-PZ NAPL Gauging Activities
Tradepoint Atlantic
Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	10/31/2017			11/13/2017			11/27/2017			11/28/17-11/29/2017			12/11/2017			1/10/2018			1/25/2018			2/5/2018		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29																								
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17																								
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05	-	10.17	-	-	10.12	-	-	10.34	-	-	10.32	-	Abandoned											
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	-	9.84	-	-	9.26	-	-	9.45	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	10.87	-	-	11.30	-	-	11.24	-	-	10.90	-
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.19	-	-	11.68	-	-	11.53	-	-	10.81	-
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22	-	8.83	-	-	7.84	-	-	8.38	-	-	8.40	-	Abandoned											
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45	-	11.27	-	-	11.54	-	-	11.76	-	-	11.84	-	Abandoned											
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00	-	10.36	-	-	10.56	-	-	10.81	-	-	10.85	-	Abandoned											
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70	-	12.52	-	-	12.78	-	-	12.97	-	-	13.01	-	Abandoned											
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30	-	8.91	-	-	8.24	-	-	8.91	-	-	8.88	-	Abandoned											
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	-	11.61	-	-	11.53	-	-	12.11	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	-	11.69	-	-	11.64	-	-	12.03	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92	-	11.73	-	-	11.86	-	-	12.06	-	-	12.14	-	Abandoned											
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36	-	8.76	-	-	7.93	-	-	8.54	-	-	8.55	-	Abandoned											
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	8.97	-	-	9.21	-	-	8.96	-	-	8.55	-
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.20	-	-	11.58	-	-	11.62	-	-	8.42	-
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	-	11.46	-	-	11.83	-	-	11.89	-	-	11.52	-
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	-	12.41	-	-	12.61	-	-	12.78	-	NM	NM	NM	-	12.61	-	-	12.95	-	-	13.06	-	-	12.74	-
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	-	11.22	-	-	11.41	-	-	11.68	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05	-	9.00	-	-	8.59	-	-	8.74	-	NM	NM	NM	-	8.74	-	-	9.21	-	-	9.06	-	-	8.51	-
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	-	9.08	-	-	9.04	-	**trace**	**9.25**	**trace**	NM	NM	NM	**trace**	**9.32**	**trace**	**trace**	**9.44**	**trace**	**trace**	**9.26**	**trace**	-	8.85	-
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	**trace**	**6.24**	**trace**	-	5.59	-	-	5.64	-	NM	NM	NM	-	5.66	-	-	6.02	-	-	5.91	-	-	5.48	-
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10	-	7.37	-	-	7.21	-	-	7.52	-	-	7.37	-	Abandoned											
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	-	6.95	-	-	6.67	-	-	6.97	-	NM	NM	NM	-	7.09	-	-	7.14	-	-	7.03	-	-	6.66	-
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91	-	7.03	-	-	6.31	-	-	6.56	-	-	12.04	-	Abandoned											
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50	-	8.72	-	-	8.25	-	-	8.80	-	-	8.77	-	Abandoned											
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	-	8.99	-	-	8.81	-	-	8.96	-	NM	NM	NM	-	9.05	-	-	9.43	-	-	9.61	-	-	8.96	-
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05	-	12.85	-	-	13.15	-	-	13.53	-	-	13.60	-	Abandoned											
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33	-	12.24	-	-	12.49	-	-	12.69	-	-	12.73	-	Abandoned											
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	-	11.63	-	-	11.91	-	-	12.10	-	NM	NM	NM	-	11.92	-	-	12.26	-	-	12.38	-	-	11.99	-
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	-	6.09	-	-	6.81	-	-	6.98	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	-	5.64	-	-	5.77	-	-	5.95	-	NM	NM	NM	-	5.95	-	-	6.35	-	-	6.34	-	-	5.69	-
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30	-	6.82	-	-	6.87	-	-	7.15	-	-	7.10	-	Abandoned											
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11	-	8.68	-	-	8.34	-	-	8.73	-	NM	NM	NM	-	8.71	-	-	8.78	-	-	8.89	-	-	8.37	-
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71	-	8.02	-	-	6.79	-	-	8.09	-	-	8.03	-	Abandoned											

SHADED = NAPL Detection

NA = Not Applicable
bgs = below ground surface

NM = Not Measured
TOC = Top of Casing

* Piezometer observed to have been destroyed.
^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

Table 1 - B6-066-PZ NAPL Gauging Activities
Tradepoint Atlantic
Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	2/20/2018			3/6/2018			3/20/2018			4/2/2018			4/24/2018			5/2/2018			5/14/2018			5/29/2018		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29																								
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17																								
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05																								
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	* Destroyed					
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	-	10.11	-	-	10.44	-	-	10.72	-	-	10.74	-	-	10.56	-	-	10.64	-	-	10.80	-	-	9.45	-
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	-	9.31	-	-	9.81	-	-	11.78	-	-	10.76	-	-	10.44	-	-	10.70	-	-	11.04	-	-	8.90	-
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22																								
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45																								
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00																								
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70																								
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30																								
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92																								
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36																								
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	-	7.49	-	-	8.00	-	-	8.36	-	-	8.38	-	-	8.13	-	-	8.22	-	-	8.59	-	-	6.95	-
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27	-	10.37	-	-	10.78	-	-	11.09	-	-	11.10	-	-	11.90	-	-	10.98	-	-	11.15	-	-	9.60	-
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	-	10.70	-	-	11.06	-	-	11.37	-	-	11.38	-	-	11.18	-	-	11.27	-	-	11.43	-	-	10.01	-
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	-	12.17	-	-	12.53	-	-	12.68	-	-	12.71	-	-	12.54	-	-	12.64	-	-	12.63	-	-	11.14	-
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05	-	7.88	-	-	7.34	-	-	8.04	-	-	7.99	-	-	8.04	-	-	8.35	-	-	8.58	-	* Destroyed		
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	-	8.04	-	**trace**	**8.61**	**trace**	**trace**	**8.70**	**trace**	-	8.68	-	-	5.42	-	-	8.49	-	-	8.52	-	-	7.30	-
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	-	4.66	-	-	5.64	-	-	4.71	-	-	4.70	-	-	4.78	-	-	4.72	-	-	4.85	-	-	4.62	-
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10																								
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	-	5.75	-	-	6.02	-	-	6.55	-	-	6.44	-	-	6.37	-	-	6.51	-	-	6.74	-	-	5.68	-
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91																								
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50																								
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	-	8.22	-	-	8.37	-	-	8.58	-	-	8.63	-	-	8.61	-	-	8.49	-	-	8.66	-	-	7.66	-
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05																								
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33																								
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	-	11.54	-	-	11.82	-	-	12.00	-	-	12.04	-	-	11.85	-	-	11.93	-	-	11.96	-	-	10.73	-
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	-	5.44	-	-	5.34	-	-	5.37	-	-	5.34	-	-	5.37	-	-	5.26	-	-	5.28	-	-	5.03	-
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30																								
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11	-	7.39	-	-	7.71	-	-	8.19	-	-	8.06	-	-	8.03	-	-	8.17	-	-	8.37	-	-	7.36	-
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71																								

SHADED = NAPL Detection

NA = Not Applicable
bgs = below ground surface

NM = Not Measured
TOC = Top of Casing

* Piezometer observed to have been destroyed.
^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

Table 1 - B6-066-PZ NAPL Gauging Activities
Tradepoint Atlantic
Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	6/11/2018			6/26/2018			7/5/2018			7/26/2018			8/10/2018			8/24/2018			9/4/2018			9/20/2018		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29																								
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17																								
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05																								
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60																								
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	-	10.35	-	-	10.89	-	-	11.11	-	-	9.34	-	-	10.48	-	-	11.29	-	-	12.14	-	-	12.01	-
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	-	9.55	-	-	11.19	-	-	11.50	-	-	8.76	-	-	10.44	-	-	11.45	-	-	11.92	-	-	11.86	-
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22																								
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45																								
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00																								
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70																								
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30																								
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92																								
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36																								
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	NM	NM	NM	-	8.68	-	-	8.94	-	-	6.04	-	-	7.96	-	-	8.69	-	-	9.03	-	-	8.99	-
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	-	6.63	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27	-	7.85	-	-	8.03	-	-	11.44	-	NM	NM	NM	* Destroyed											
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	-	10.94	-	-	11.51	-	-	11.78	-	-	9.89	-	NM	NM	NM	-	12.85	-	NM	NM	NM	NM	NM	NM
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	-	12.23	-	-	12.78	-	-	13.02	-	-	11.00	-	-	12.12	-	-	14.30	-	-	16.10	-	-	13.01	-
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05																								
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	**trace**	**6.89**	**trace**	**trace**	**8.55**	**trace**	**trace**	**9.20**	**trace**	-	7.34	-	-	8.91	-	-	9.24	-	-	9.57	-	-	9.50	-
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	-	4.68	-	-	5.16	-	-	5.49	-	-	4.38	-	-	4.75	-	-	5.21	-	-	5.53	-	-	5.49	-
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10																								
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	-	6.28	-	-	6.93	-	-	7.16	-	-	5.40	-	-	6.53	-	-	6.89	-	-		-	-	7.03	-
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91																								
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50																								
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	NM	NM	NM	-	8.77	-	-	8.91	-	-	7.33	-	-	8.32	-	-	8.67	-	-	9.01	-	-	8.82	-
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05																								
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33																								
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	-	11.59	-	-	12.04	-	-	12.28	-	-	10.74	-	-	11.78	-	-	13.92	-	-	14.87	-	-	14.56	-
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	-	5.29	-	-	5.54	-	-	5.69	-	-	4.64	-	-	9.24	-	-	5.50	-	-	5.78	-	-	5.67	-
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30																								
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11	-	7.96	-	-	8.58	-	-	8.74	-	-	7.09	-	-	8.19	-	-	8.92	-	-	8.81	-	-	8.88	-
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71																								

SHADED = NAPL Detection

NA = Not Applicable
bgs = below ground surface

NM = Not Measured
TOC = Top of Casing

* Piezometer observed to have been destroyed.
^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

Table 1 - B6-066-PZ NAPL Gauging Activities
Tradepoint Atlantic
Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	10/2/2018			10/19/2018			10/29/2018			11/14/2018			11/27/2018			12/14/2018			1/2/2019			1/14/2019		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29																								
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17																								
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05																								
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60																								
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	-	11.23	-	-	11.84	-	-	11.61	-	-	11.12	-	-	10.89	-	-	7.15	-	-	11.10	-	-	11.07	-
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	-	10.98	-	-	11.42	-	-	11.38	-	-	9.63	-	-	9.34	-	-	11.42	-	-	9.67	-	-	11.01	-
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22																								
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45																								
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00																								
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70																								
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30																								
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92																								
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36																								
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	-	7.71	-	-	8.69	-	-	8.51	-	-	7.47	-	-	7.11	-	-	8.63	-	-	7.88	-	-	8.49	-
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27																								
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	-	13.17	-	-	12.87	-	-	15.77	-	-	11.72	-	-	11.53	-	-	7.80	-	-	12.81	-	-	13.63	-
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	-	15.32	-	-	14.77	-	-	17.02	-	-	14.94	-	-	13.20	-	-	9.04	-	-	15.03	-	-	15.51	-
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05																								
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	**trace**	**8.93**	**trace**	**trace**	**9.23**	**trace**	**trace**	**8.93**	**trace**	**trace**	**8.61**	**trace**	**trace**	**8.02**	**trace**	**trace**	**9.21**	**trace**	**trace**	**8.88**	**trace**	**trace**	**9.05**	**trace**
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	NM	NM	NM	-	5.16	-	-	4.98	-	-	4.54	-	-	4.18	-	-	4.81	-	-	4.38	-	-	4.69	-
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10																								
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	-	6.37	-	-	6.88	-	-	6.62	-	-	5.98	-	-	5.69	-	-	6.69	-	-	6.05	-	-	6.50	-
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91																								
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50																								
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	-	8.82	-	-	8.49	-	NM	NM	NM	NM	NM	NM	NM	NM	NM	**trace**	**8.75**	**trace**	-	8.20	-	-	8.51	-
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05																								
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33																								
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	-	15.05	-	-	14.11	-	-	14.84	-	-	14.63	-	-	12.81	-	-	9.65	-	-	14.87	-	-	15.10	-
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	-	5.31	-	-	5.59	-	-	5.52	-	-	5.38	-	-	5.29	-	-	5.52	-	-	5.35	-	-	5.42	-
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30																								
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11	-	8.02	-	-	8.67	-	-	8.29	-	-	7.63	-	-	7.53	-	* Destroyed								
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71																								

SHADED = NAPL Detection

NA = Not Applicable
bgs = below ground surface

NM = Not Measured
TOC = Top of Casing

* Piezometer observed to have been destroyed.
^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

Table 1 - B6-066-PZ NAPL Gauging Activities

Tradepoint Atlantic

Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	1/28/2019			2/7/2019			2/14/2019			2/26/2019			3/4/2019			3/28/2019			4/23/2019			5/14/2019		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29																								
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17																								
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05																								
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60																								
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	-	11.13	-	-	11.17	-	-	10.93	-	-	10.98	-	-	10.91	-	-	11.11	-	-	11.05	-	-	10.88	-
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	-	10.54	-	-	11.11	-	-	9.50	-	-	10.71	-	-	4.26	-	-	10.85	-	-	11.56	-	-	9.34	-
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22																								
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45																								
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00																								
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70																								
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30																								
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92																								
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36																								
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	-	8.14	-	-	8.53	-	-	7.71	-	-	7.59	-	-	7.64	-	-	8.14	-	-	9.89	-	-	7.58	-
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27																								
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	-	12.81	-	-	12.61	-	-	12.30	-	-	12.50	-	-	12.33	-	-	12.54	-	-	14.57	-	-	11.86	-
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	-	14.72	-	-	14.08	-	-	13.86	-	-	14.49	-	-	14.47	-	-	14.22	-	-	15.98	-	-	13.35	-
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05																								
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	**trace**	**8.88**	**trace**	**trace**	**9.08**	**trace**	**trace**	**8.69**	**trace**	**trace**	**8.55**	**trace**	-	8.23	-	-	7.99	-	-	7.97	-	-	7.37	-
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	-	4.45	-	-	4.62	-	-	4.35	-	-	4.50	-	-	4.27	-	-	4.56	-	-	4.92	-	-	4.40	-
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10																								
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	-	6.19	-	-	6.54	-	-	5.95	-	-	6.02	-	-	5.73	-	NM	NM	NM	-	6.84	-	-	5.99	-
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91																								
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50																								
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	-	8.42	-	-	8.55	-	-	8.15	-	-	8.22	-	-	8.64	-	-	8.37	-	-	8.79	-	-	8.41	-
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05																								
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33																								
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	-	14.40	-	-	13.50	-	-	13.31	-	-	14.15	-	-	14.08	-	-	13.84	-	-	15.42	-	-	12.70	-
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	-	5.37	-	-	5.44	-	-	5.37	-	-	5.39	-	-	5.33	-	-	5.33	-	-	5.38	-	-	5.22	-
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30																								
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11																								
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71																								

SHADED = NAPL Detection

NA = Not Applicable
bgs = below ground surface

NM = Not Measured
TOC = Top of Casing

* Piezometer observed to have been destroyed.
^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

Table 1 - B6-066-PZ NAPL Gauging Activities
Tradepoint Atlantic
Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	6/13/2019			7/15/2019			7/29/2019			8/13/2019			8/26/2019			9/24/2019			10/7/2019		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29																					
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17																					
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05																					
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60																					
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	-	11.70	-	-	13.15	-	-	12.74	-	-	11.50	-	-	11.39	-	-	11.43	-	-	11.33	-
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	-	10.40	-	-	12.25	-	-	12.24	-	-	11.99	-	-	11.66	-	-	10.68	-	-	11.84	-
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22																					
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45																					
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00																					
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70																					
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30																					
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92																					
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36																					
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	-	2.51	-	-	9.37	-	-	9.49	-	-	9.55	-	-	9.43	-	-	9.78	-	-	9.90	-
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27																					
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	-	14.76	-	-	14.90	-	-	14.69	-	-	12.15	-	-	12.70	-	-	12.74	-	-	12.03	-
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	-	16.15	-	-	16.11	-	-	15.66	-	-	13.31	-	-	13.81	-	-	13.89	-	-	13.18	-
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05																					
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	-	8.04	-	-	8.41	-	-	8.40	-	-	8.56	-	-	8.76	-	-	9.10	-	-	9.40	-
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	-	5.24	-	-	6.09	-	-	6.21	-	-	6.47	-	-	6.70	-	-	7.12	-	-	7.47	-
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10																					
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	-	6.95	-	-	7.31	-	-	7.35	-	-	7.53	-	-	7.45	-	-	7.86	-	-	8.00	-
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91																					
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50																					
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	-	8.61	-	-	9.34	-	-	9.28	-	**trace**	**9.38**	**trace**	**trace**	**9.57**	**trace**	**9.50**	**9.51**	**0.01**	**trace**	**9.94**	**trace**
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05																					
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33																					
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	-	14.16	-	-	15.10	-	-	15.10	-	-	12.60	-	-	13.14	-	-	13.24	-	-	12.46	-
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	-	5.57	-	-	6.19	-	-	6.26	-	-	6.51	-	-	6.68	-	-	7.02	-	-	7.38	-
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30																					
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11																					
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71																					

SHADED = NAPL Detection

NA = Not Applicable
bgs = below ground surface

NM = Not Measured
TOC = Top of Casing

* Piezometer observed to have been destroyed.
^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

Table 1 - B6-066-PZ NAPL Gauging Activities
Tradepoint Atlantic
Sparrows Point, Maryland

Sample ID	Installation Date	Abandonment Date	Well Total Depth (ft. bgs)	Screen Interval (ft. bgs)	Riser Stick-Up (ft.)	10/21/2019			11/4/2019			11/18/2019			12/2/2019			12/17/2019			1/6/2020			1/20/2020		
						Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)	Depth to NAPL (ft. TOC)	Depth to Water (ft. TOC)	NAPL Thickness (ft.)
B6-066-PZ	7/5/2016	NA	13	3-13	2.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066A-PZ	7/12/2016	NA	14	4-14	3.23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066B-PZ	7/12/2016	5/24/2017*	13	3-13	2.29																					
B6-066C-PZ	7/12/2016	2/8/2017*	14	4-14	3.17																					
B6-066D-PZ	7/12/2016	NA	14	4-14	3.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066E-PZ	7/20/2016	NA	14	4-14	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066F-PZ	7/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066G-PZ	7/20/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066H-PZ	7/20/2016	11/29/2017	14	4-14	3.05																					
B6-066I-PZ	7/20/2016	5/14/2018*	13	3-13	1.60																					
B6-066J-PZ	7/20/2016	NA	15	5-15	3.50/2.00^	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066K-PZ	7/20/2016	NA	14	4-14	3.35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066L-PZ	7/20/2016	NA	15	5-15	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066M-PZ	7/22/2016	NA	15	5-15	3.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066N-PZ	7/22/2016	NA	15	5-15	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066O-PZ	7/22/2016	NA	13.5	3.5-13.5	3.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066P-PZ	7/26/2016	NA	15	5-15	3.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Q-PZ	7/26/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066R-PZ	7/26/2016	NA	15	5-15	2.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066S-PZ	7/25/2016	NA	15	5-15	2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066T-PZ	7/26/2016	NA	15	5-15	2.58	-	10.97	-	-	10.78	-	-	10.74	-	-	10.54	-	-	10.47	-	-	10.92	-	-	10.48	-
B6-066U-PZ	9/20/2016	NA	15	5-15	3.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066W-PZ	9/20/2016	NA	15	5-15	3.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066X-PZ	9/20/2016	NA	13	3-13	3.05	-	11.07	-	-	10.70	-	-	11.29	-	-	9.98	-	-	10.25	-	-	11.05	-	-	10.70	-
B6-066Y-PZ	9/20/2016	NA	15	5-15	3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066Z-PZ	9/19/2016	NA	13.9	3.9-13.9	2.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066AA-PZ	9/21/2016	11/29/2017	15	5-15	3.22																					
B6-066BB-PZ	9/20/2016	11/29/2017	15	5-15	3.45																					
B6-066CC-PZ	9/20/2016	11/29/2017	15	5-15	3.00																					
B6-066DD-PZ	9/20/2016	11/29/2017	15	5-15	3.70																					
B6-066EE-PZ	9/20/2016	11/29/2017	15	5-15	3.30																					
B6-066FF-PZ	9/21/2016	NA	15	5-15	3.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066GG-PZ	9/21/2016	NA	15	5-15	3.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066HH-PZ	9/21/2016	11/29/2017	15	5-15	2.92																					
B6-066II-PZ	9/20/2016	11/29/2017	15	5-15	3.36																					
B6-066JJ-PZ	1/13/2017	NA	15	5-15	3.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066KK-PZ	1/13/2017	NA	18	5-18	3.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066LL-PZ	1/13/2017	NA	15	5-15	3.10	-	9.53	-	-	8.09	-	-	8.82	-	-	10.78	-	-	8.11	-	-	8.39	-	-	8.53	-
B6-066MM-PZ	1/13/2017	NA	15	5-15	3.26	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066NN-PZ	1/13/2017	8/10/18*	15	5-15	3.27																					
B6-066OO-PZ	1/16/2017	NA	15	5-15	3.05	-	12.08	-	-	11.53	-	-	11.45	-	-	11.00	-	-	11.22	-	-	11.80	-	-	11.01	-
B6-066PP-PZ	1/16/2017	NA	20	5-20	2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066-QQ-PZ	1/16/2017	NA	15	5-15	2.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066RR-PZ	1/16/2017	NA	16	6-16	3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066SS-PZ	1/16/2017	NA	16	6-16	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066TT-PZ	1/16/2017	NA	16	6-16	3.74	-	13.35	-	-	13.81	-	-	12.64	-	-	12.27	-	-	12.61	-	-	13.08	-	-	12.26	-
B6-066UU-PZ	1/16/2017	NA	15	5-15	3.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066VV-PZ	1/13/2017	NA	15	5-15	2.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066WW-PZ	1/13/2017	NA	15	5-15	2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066XX-PZ	1/17/2017	NA	15	5-15	2.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066YY-PZ	1/17/2017	NA	15	5-15	3.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066ZZ-PZ	1/17/2017	5/29/2018*	15	5-15	3.05																					
B6-066AAA-PZ	1/17/2017	NA	15	5-15	2.90	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066BBB-PZ	3/9/2017	NA	16	6-16	3.72	-	9.32	-	-	8.69	-	-	8.44	-	-	8.31	-	-	7.86	-	-	7.72	-	-	7.60	-
B6-066CCC-PZ	3/9/2017	NA	15	5-15	3.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066DDD-PZ	3/9/2017	NA	23	13-23	2.23	-	7.30	-	-	6.40	-	-	6.15	-	-	6.00	-	-	5.53	-	-	5.44	-	-	5.36	-
B6-066EEE-PZ	3/9/2017	11/29/2017	14	4-14	3.10																					
B6-066FFF-PZ	3/9/2017	NA	13	3-13	2.30	-	7.64	-	-	6.78	-	-	7.18	-	-	7.04	-	-	6.61	-	-	6.69	-	-	6.72	-
B6-066GGG-PZ	3/9/2017	11/29/2017	25	15-25	3.91																					
B6-066HHH-PZ	3/9/2017	NA	19	9-19	3.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066III-PZ	3/10/2017	11/29/2017	15	5-15	3.50																					
B6-066JJJ-PZ	3/10/2017	NA	20	5-20	3.80	-	9.82	-	-	9.40	-	-	8.93	-	-	8.38	-	-	8.78	-	**trace**	**8.92**	**trace**	-	8.80	-
B6-066KKK-PZ	3/10/2017	11/29/2017	17	7-17	4.05																					
B6-066LLL-PZ	3/10/2017	11/29/2017	19	9-19	3.33																					
B6-066MMM-PZ	3/10/2017	NA	15	5-15	3.02	-	12.81	-	-	12.74	-	-	9.95	-	-	11.56	-	-	11.88	-	-	12.34	-	-	10.54	-
B6-066NNN-PZ	3/23/2017	NA	17	7-17	3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
B6-066OOO-PZ	3/21/2017	NA	15	5-15	3.20	-	6.68	-	-	6.51	-	-	6.10	-	-	6.01	-	-	5.62	-	-	5.76	-	-	5.68	-
B6-066PPP-PZ	3/21/2017	11/29/2017	15	5-15	3.30																					
B6-006QQQ-PZ	4/26/2017	12/14/2018*	20	10-20	3.11																					
B6-066RRR-PZ	4/26/2017	11/29/2017	15	5-15	3.71																					

SHADED = NAPL Detection

NA = Not Applicable
bgs = below ground surface

NM = Not Measured
TOC = Top of Casing

* Piezometer observed to have been destroyed.
^ Broken riser observed in the field on May 14, 2018. New measured stick-up riser is provided.

ATTACHMENT 1

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: M. Replogle, E.I.T.
Drilling Company	: Green Services, Inc.
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/5/16
Weather	: 80s, Sunny
Northing (US ft)	: 571512.31
Easting (US ft)	: 1459800.72

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		2.2	B6-066-SB-1	(0-0.7') ORGANIC CLAY, soft, brown, moist, low plasticity, cohesive	OL	Grass and small roots present
				(0.7-1') CLAY with SAND, soft, brown, moist, low plasticity, cohesive	CL	
		5.7		(1-1.2') BRICK GRAVEL, loose, yellow, dry, non plastic, non cohesive	-	
	94	82.6		(1.2-4.5') SILT with GRAVEL and SAND, soft, brown grading to dark brown, dry grading to moist, non plastic, non cohesive	ML	
		40.0				
		510.8	B6-066-SB-5	(4.5-5') SILT with SAND, soft, black, very moist to wet, non plastic, non cohesive	ML	Strong oil odor, trace product
5		20.7		(5-6.5') SANDY GRAVEL, loose, black, wet, non plastic, non cohesive	GP/SP	Wet at 5' bgs Product present throughout sleeve and in clay
		7.1		(6.5-9.5') CLAY, very soft, olive green and black, wet, high plasticity, cohesive	CL	
	100	-				
		-				Strong odor and slightly viscous with sheen
		-				
10				(9.5-10') SANDY GRAVEL, loose, black, wet, non plastic, non cohesive	GP/SP	
		-		(10-13') CLAY with some SLAG GRAVEL, very soft, dark gray to black, wet, high plasticity, cohesive	CL	Strong odor
	100	-				
		-				
				End of Boring		

Total Borehole Depth: 13' bgs.

Boring terminated due to water and piezometer installation at 13' bgs.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066A-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/12/16
Weather	: 80s, Sunny
Northing (US ft)	: 571485.67
Easting (US ft)	: 1459801.19

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-2') SANDY SILT, firm, brown, dry, cohesive, low plasticity	ML	
		9.2				
	80	2.3	None	(2-9') SANDY SILT with GRAVEL, medium dense, brown, moist, non plastic, non cohesive		
		9.3				
		2.9				
5		-			ML	
		-				
	50	93.3				
		383.1				
		7.31				Wet at 9' bgs
10		-		(9-10.5') SILTY SAND, medium dense, very dark brown, wet, non plastic, non cohesive	SM	
		-		(10.5-14') SANDY SILT, firm, dark brown, dry, non plastic, non cohesive		
	100	-			ML	
		-				
		-		(14-15') SANDY SILT, soft, black, wet, non plastic, non cohesive	ML	
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066B-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/12/16
Weather	: 80s, Sunny
Northing (US ft)	: 571505.64
Easting (US ft)	: 1459777.72

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	60	61.6	None	(0-1.5') ORGANIC SILT with trace SAND, soft, brown, dry, non plastic, non cohesive	OL	
		19.8		(1.5-3') SILT, hard, brown and reddish yellow, dry, non plastic, non cohesive	ML	
		30.6				
		181.0		(3-4') SILT with SLAG GRAVEL, soft, black, dry, non plastic, non cohesive	ML	
		934.1		(4-7') SAND and SLAG GRAVEL, loose, black and yellow, dry, non plastic, non cohesive	SP/GP	
5	50	-				
		-				
		540.1		(7-9') CLAYEY SILT, soft, very dark gray, low plasticity, cohesive	ML	
		260.8				
		100.2		(9-10') SANDY CLAY, very soft, black, wet, high plasticity, cohesive	CH	Wet at 9' bgs Product present, amber sheen, strong odor
10	70	-		(10-13') CLAYEY GRAVEL, loose, black, wet, non plastic, non cohesive	GW-GC	
		-				Product present, amber sheen, strong odor
		29.1				
		9.0		(13-15') CLAY, very soft, very dark gray and greenish gray, very moist to wet, high plasticity, cohesive	CH	
		6.5				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066C-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/12/16
Weather	: 80s, Sunny
Northing (US ft)	: 571733.95
Easting (US ft)	: 1459802.35

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-		(0-3') SILT, hard, yellowish brown, dry, cohesive, low plasticity	ML	
		2.4				
	70	6.1	None			
		1.3		(3-5') SAND and GRAVEL with SILT, loose, dark gray and brown, dry, non plastic, non cohesive	GP/SP	Wet at 4' bgs
		2.0				
5		-		(5-8') SANDY SILT with BRICK GRAVEL, soft, very dark gray and yellow, dry, non plastic, non cohesive	ML	
		180.6				
	70	9.6				
		0.4		(8-9') SANDY GRAVEL with SILT, loose, dusky red, very moist to wet, non plastic, non cohesive	GP/SP	
		2.6		(9-15') SILTY CLAY, very soft, black, wet, cohesive, medium plasticity	CL	
10		1.0				
		2.2				
	100	3.4				
		0.2				
		0.1				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066D-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/12/16
Weather	: 80s, Sunny
Northing (US ft)	: 571510.01
Easting (US ft)	: 1459827.19

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-2') SILT with GRAVEL, soft, brown, dry, non plastic, non cohesive	ML	
		0.1				
	70	0.6	None	(2-3') SANDY SILT, very firm, brown, dry, cohesive, low plasticity	ML	
		4.0		(3-5') SANDY SILT with SLAG GRAVEL, soft, brown, non plastic, non cohesive	ML	
		4.7				
5		-		(5-8') SANDY SILT with SLAG GRAVEL, firm, dark gray, cohesive, low plasticity	ML	
		161.0				
	70	525.7				
		244.9		(8-10') SANDY CLAY with GRAVEL, soft to very soft, black, wet, cohesive, medium plasticity	CL	Wet at 8.5' bgs Moderate odor
		266.6				
10		-		(10-13') CLAY with GRAVEL and SAND, very soft, black, wet, cohesive, medium plasticity	CL	Strong odor
		-				
	70	-				
		-		(13-15') SAND and GRAVELLY SILT, soft, gray and dark gray, wet, cohesive, low plasticity	ML	Product present 14-15' bgs
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066E-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: N. Kurtz
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/20/16
Weather	: 80s, Sunny
Northing (US ft)	: 571487.33
Easting (US ft)	: 1459825.46

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	60	- 0.5 5.0 4.8 232.2	None	(0-5') SLAG GRAVEL with coarse SAND, gray and black	GW/SW	
5	80	- - - - - - - - - -		(5-11.5') CLAY, trace GRAVEL throughout, wet, high plasticity, cohesive	CH	Wet at 5' bgs
10	90	- - - - - - - - - -		(11.5-12.5') SAND and GRAVEL, wet	SW/GW	
				(12.5-13.5') CLAY, trace GRAVEL throughout, wet, high plasticity, cohesive	CH	
				(13.5-15') SLAG GRAVEL and coarse SAND, wet	GW	
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066F-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: N. Kurtz
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/20/16
Weather	: 80s, Sunny
Northing (US ft)	: 571463.60
Easting (US ft)	: 1459801.43

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	80	0.0 0.0 0.0 0.0 2.3	None	(0-1.5') FILL with brown SILT and GRAVEL	GM	
				(1.5-3') SILTY CLAY, firm, gray and reddish yellow, cohesive, medium plasticity	CL	
				(3-5') SAND and SLAG GRAVEL, coarse grained, brown, moist, non plastic, non cohesive	SW	
5	60	-		(5-6.5') SAND and SLAG GRAVEL, coarse grained, gray, moist, non plastic, non cohesive	SW	Wet at 5' bgs
		-		(6.5-10') SAND and SLAG GRAVEL, coarse grained, black, moist, non plastic, non cohesive	SP/GP	Product at 8.5' bgs Product at 9.5-10' bgs
10	40	-		(10-15') SLAG GRAVEL and coarse SAND with trace CLAY, wet	GP/SP	Product with sheen
15		-		End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066G-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: N. Kurtz
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/20/16
Weather	: 80s, Sunny
Northing (US ft)	: 571483.43
Easting (US ft)	: 1459776.15

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-				
		0.0				
	70	0.2	None	(0-11') SLAG GRAVEL with coarse SAND and som SILT and GRAVEL, loose, black and gray, non plastic, non cohesive	GW	Wet at 5' bgs
		41.0				
		0.3				
5		-				
		-				
	80	-				
		-				
		-				
10		-				
		-		(11-12') SAND, coarse grained, gray, wet	SP	
	70	-		(12-14') SLAG GRAVEL with coarse SAND, some SILT, some GRAVEL, loose, black and gray, non plastic, non cohesive	GW	
		-				
		-		(14-15') SILTY CLAY, sticky, black, wet, cohesive, medium plasticity	CL	Trace NAPL with strong odor 14-15' bgs
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066H-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/20/16
Weather	: 80s, Sunny
Northing (US ft)	: 571508.10
Easting (US ft)	: 1459718.79

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-2.5') SILT with trace SAND and GRAVEL, soft, pale brown, dry, non plastic, non cohesive	ML	
		0.2				
	80	0.2	None	(2.5-3') SILT, hard, yellowish brown, dry, non plastic, non cohesive	ML	
		0.3		(3-5') SILT with SAND and small GRAVEL, soft, brown, dry, non plastic, non cohesive	ML	
		0.4				
5		-		(5-8') SILT, hard, greenish brown, dry, non plastic, non cohesive	ML	
		-				
	50	1.3				
		3.6		(8-9.5') SANDY SILT, soft, brown, dry, non plastic, non cohesive	ML	
		1.6		(9.5-10') SILT with SAND, soft, black, wet, cohesive, low plasticity	ML	Wet at 9.5' bgs
10		-		(10-12') CLAY with SAND, very soft, black, wet, cohesive, high plasticity	CL	
		-				
	70	-		(12-13.7') SANDY GRAVEL, loose, very dark brown, wet, non plastic, non cohesive	GP/SP	
		-				
		-		(13.7-15') CLAY with SAND, very soft, black, very moist to wet, medium plasticity, cohesive	CL	Moderate odor
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066I-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/20/16
Weather	: 80s, Sunny
Northing (US ft)	: 571534.24
Easting (US ft)	: 1459744.66

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	80	-	None	(0-2') SILT with SAND, soft, brown, dry, non plastic, non cohesive	ML	
		1.9				
		0.3		(2-3.5') CLAY, very firm, yellowish brown, dry, medium plasticity, cohesive	CL	
		1.5		(3.5-4.5') SANDY SILT, soft, dark brown, dry, non plastic, non cohesive	ML	
		0.7				
5				(4.5-7.5') SILT with SLAG GRAVEL and trace BRICK, soft, dark brown, dry, non plastic, non cohesive	ML	
	70	-				
		1.6				
		1.9		(7.5-8.5') GRAVELLY SILT, soft, black, moist, low plasticity, cohesive	ML	Moderate odor, trace product
		0.7				
		0.5		(8.5-12.5') SANDY GRAVEL with SILT, loose, black, very moist then wet, non plastic, non cohesive	GP/SP	Wet at 9' bgs
10		-				
		0.2				
	80	0.4				
		0.5		(12.5-15') CLAY with trace SAND, very soft, black, wet, medium plasticity, cohesive	CL	Strong odor, trace product Piezometer installed to 13'
		0.4				
15		-		(15-19') CLAY with trace SAND, very soft, very pale brown, very moist to wet, medium plasticity, cohesive	CL	
		0.2				
	80	0.1				
		0.4				
		0.4		(19-19.5') SANDY CLAY, firm, reddish yellow, moist, medium plasticity, cohesive	CL	
20				(19.5-20') CLAY with trace SAND, very soft, very pale brown, very moist to wet, medium plasticity, cohesive	CL	
				End of Boring		

Total Borehole Depth: 20' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066J-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: N. Kurtz
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/20/16
Weather	: 80s, Sunny
Northing (US ft)	: 571560.94
Easting (US ft)	: 1459775.55

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	80	0.8 0.3 0.0 0.4 0.6	None	(0-2') SAND, CLAY, and GRAVEL FILL, various colors	SW/GC	
				(2-3') SILTY CLAY, firm, light gray, non plastic, non cohesive	CL	
				(3-5') SILT with SAND and GRAVEL, gray	ML	
5	80	1.1 2.4 8.8 - -		(5-10') SLAG, GRAVEL and SAND sized, black	GW	Wet at 8' bgs Product at 8.5' bgs, black and sticky; slight petroleum odor
10	70	- - - - -		(10-14') SILTY CLAY, very soft, black	CL	Strong odor from 10-14' bgs
				(14-15') SAND, coarse, gray	SW	
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066K-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: N. Kurtz
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/20/16
Weather	: 80s, Sunny
Northing (US ft)	: 571599.61
Easting (US ft)	: 1459803.34

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0				(0-0.5') ASPHALT/FILL	N/A	
		0.0		(0.5-4') SILTY CLAY, beige, meduim plasticity, cohesive		
		0.0				
	80	0.0	None		CL	
		0.0				
		2.6		(4-11') SLAG GRAVEL with coarse SAND, black		
5		0.0				
		0.0				
	80	1.0			GW	Wet at 8' bgs
		-				
		-				
10		-				
		-		(11-13') SANDY CLAY, black, high plasticity, cohesive		
	80	-			CL	Strong odor
		-		(13-14') SAND, coarse, olive green	SW	
		-		(14-15') CLAY, firm, olive green, medium plasticity, cohesive	CL	
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066L-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: N. Kurtz
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/20/16
Weather	: 80s, Sunny
Northing (US ft)	: 571537.81
Easting (US ft)	: 1459827.29

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	90	0.0	None	(0.1') CLAY, gray and reddish yellow, medium plasticity, cohesive	CL	
		16.5		(1-3.5') SLAG GRAVEL with coarse SAND and trace SILT, black	GW	
		12.1				
		4.9		(3.5-4') CONCRETE	N/A	
		10.1		(4-5') SLAG GRAVEL with coarse SAND and trace SILT, black	GW	Petroleum odor throughout 4-15' bgs
5	50	-		(5-15') SILTY CLAY, soft, black, wet, medium plasticity, cohesive		
		-				
		1.0				
		1.0				Wet at 8' bgs
		0.8				
10	100	-			CL	
		-				
		-				
		-				
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066M-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/22/16
Weather	: 90s, Sunny
Northing (US ft)	: 571462.37
Easting (US ft)	: 1459826.82

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-		(0-0.5') ORGANIC SILT, soft, brown, dry, non plastic, non cohesive	OL	
		1.3		(0.5-3') SANDY SILT, soft, dark brown, dry, non plastic, non cohesive	ML	Small roots
	80	7.5	None			
		121.0		(3-3.1') SILT, hard, dark brown, dry, non plastic, non cohesive	ML	
		96.5		(3.1-5') SANDY SILT, soft, dark brown, dry, non plastic, non cohesive	ML	
5		-		(5-8.5') SILTY CLAY with SAND, soft, light yellowish brown, moist, low plasticity, cohesive	CL	
		-				
	50	37.8				
		981.2				Wet at 8.5' bgs
		162.7		(8.5-11.5) BRICK and SLAG GRAVEL with SILT, loose, black and red, wet, non plastic, non cohesive	GP	
10		-				
		193.6		(11.5-13.5') CLAY with SAND, soft, very moist to wet, cohesive, high plasticity	CH	
	80	34.6				
		128.1		(13.5-14.5') SANDY CLAY with GRAVEL, firm, gray, moist, cohesive, medium plasticity	CL	
		62.3		(14.5-15') SLAG GRAVEL with CLAY, GRAVEL, loose, gray, wet, non plastic, non cohesive	GP	
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066N-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/22/16
Weather	: 90s, Sunny
Northing (US ft)	: 571438.63
Easting (US ft)	: 1459802.53

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-		(0-1.5') SANDY SILT with GRAVEL, soft, brown, non plastic, non cohesive	ML	Organics present
		14.9		(1.5-1.7') SILT, soft, yellowish brown, moist, low plasticity, cohesive	ML	
	76	6.7	None	(1.7-4.2') SILTY SAND with SLAG GRAVEL and BRICK, fine to coarse grained, loose, brown, gray and dark red, dry, non plastic, non cohesive	SW	
		1,293				
		679.1		(4.2-5') CLAY, soft, greenish gray, very moist, medium plasticity, cohesive	CL	
5		-		(5-8.5') CLAY, soft, greenish gray grading to grayish green, intermittent areas of black sand, wet, medium plasticity, cohesive	CL	
		1,102				
	80	62.3				Moderate to strong odor
		>15,000				Wet at 8.5' bgs
		>15,000		(8.5-10') SILTY SAND with SLAG GRAVEL, fine to coarse grained, loose, black and greenish gray, wet, non plastic, non cohesive	SW	
10		-		(10-13') SANDY GRAVEL with CLAY, loose, black, pale yellow and dusky red, wet, non plastic, non cohesive	GP/SP	
		-				
	90	-				Wood fragments 12.5-13' bgs
		-		(13-15') CLAY, very soft, greenish gray, very moist, medium plasticity, cohesive	CL	
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066O-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/22/16
Weather	: 90s, Sunny
Northing (US ft)	: 571462.09
Easting (US ft)	: 1459777.75

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-2.3') SAND, very fine grained, loose, brown, dry, non plastic, non cohesive	SP	Small roots
		-				
	50	131.7	None	(2.3-4.5') SANDY SILT, firm, brown, moist, non plastic, non cohesive	ML	
		105.2				
		19.3		(4.5-4.7') SAND, medium to coarse grained, loose, very pale brown, non plastic, non cohesive	SW	
5					ML	
		-		(4.7-5') SANDY SILT, soft, brown, moist, non plastic, non cohesive	ML	
		2.6		(5-7') SANDY SILT, soft, brown, moist to wet, low plasticity, cohesive		Wet at 6.5' bgs
	80	14.5		(7-8') SILTY SAND, very fine to fine grained, medium dense, brown, wet, non plastic, non cohesive	SM	
		9.5		(8-10') CLAYEY SILT with SAND, soft then very firm, grayish brown grading to yellowish brown with trace oxidation, moist, low plasticity, cohesive	ML	
		262.5				
10		-		(10-12.5') CLAYEY SAND, very soft, brown, wet, non plastic, non cohesive	SW	
		13.4				
	70	196.6		(12.5-13') SANDY CLAY, soft, brown, very moist, low plasticity, cohesive	CL	Moderate odor
		16.0		(13-13.5') CLAY with SAND, firm, brown and reddish yellow mottling, moist, low plasticity, cohesive	CL	
					SP	Trace organics and product
		56.4		(13.5-14') SLAG, SAND sized, loose, light gray, dry, non plastic, non cohesive	CL	
15				(14-15') CLAY with SAND, very soft, black, very moist to wet, medium plasticity, cohesive		
				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066P-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/26/16
Weather	: 100s, Sunny
Northing (US ft)	: 571437.09
Easting (US ft)	: 1459777.75

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	60	-	None	(0-0.5') ASPHALT, loose, gray, dry, non plastic, non cohesive	N/A	
		-		(0.5-5') SILTY SAND with SLAG GRAVEL and BRICK, soft, red, dark brown and brown, dry, non plastic, non cohesive	SM	
		36.7				
		89.3				
		201.8				
5	40	-		(5-10') SANDY GRAVEL with SILT, loose, very dark brown, wet, non plastic, non cohesive	GP/SP	Wet at 8' bgs Moderate odor A minor amount of product present throughout (amber-brown in color)
		-				
		-				
		83.2				
		39.0				
10	0	-		(10-15') No Recovery, wet	-	
		-				
		-				
		-				
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066Q-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/26/16
Weather	: 100s, Sunny
Northing (US ft)	: 571462.09
Easting (US ft)	: 1459752.75

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-		(0-2.9') SILT, very firm, brownish yellow, dry, non plastic, non cohesive	ML	Crumbly
		-				
	50	0.7	None			
		11.1		(2.9-3.9') SILT with SAND and GRAVEL, soft, light gray and dark brown, dry, non plastic, non cohesive	ML	
		47.3		(3.9-4.5') CONCRETE, SAND sized with some GRAVEL, loose, white, non plastic, non cohesive	N/A	Metallic specs
5				(4.5-5') SAND with SILT, fine grained, loose, dark brown, non plastic, non cohesive	SP	
		-		(5-8') SILT, soft, brown, dry, non plastic, non cohesive	ML	
		-				
	60	20.3				
		3.7		(8-9') CLAY with SAND, very soft, grayish olive, very moist to wet, medium plasticity, cohesive	CL	Wet at 8' bgs
		8.7		(9-10') SILTY GRAVEL with SAND, loose, black, wet, non plastic, non cohesive	GW/GM	Strong odor
10						
		-		(10-15') CLAY, soft, grayish green, very moist to wet, medium plasticity, cohesive	CL	
		0.4				
	80	0.7				
		0.1				
		0.2				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066R-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/26/16
Weather	: 100s, Sunny
Northing (US ft)	: 571484.85
Easting (US ft)	: 1459751.39

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-3') SILT, hard, light gray and yellowish brown, dry, cohesive, low plasticity		
		0.1			ML	
	86	0.6	None			
		0.4		(3-4') SANDY SILT, soft, brown, dry, non plastic, non cohesive	ML	
		0.1		(4-4.5') CLAYEY SILT, very firm, reddish yellow, moist, low plasticity, cohesive	ML	
				(4.5-5') SANDY SILT, soft, brown, dry, non plastic, non cohesive	ML	
5		-		(5-6') CLAY, hard, brown and reddish yellow, dry, low plsticity, cohesive	CL	
		6.1		(6-8') SILT with SAND, soft, pale brown, dry, non plastic, non cohesive	ML	
	90	4.5				
		18.9		(8-8.2') CLAY, very soft, black, very moist to wet, medium plasticity, cohesive	CL	Wet at 8' bgs
				(8.2-9') CLAYEY GRAVEL with SAND, loose, black, wet, non plastic, non cohesive	GP/GC	
		1.4		(9-10') CLAY, very soft, black, very moist to wet, medium plasticity, cohesive	CL	
10		-		(10-15') CLAY, very soft, black, wet, medium plasticity, cohesive		Strong odor
		1.1				
	90	6.3			CL	
		1.4				
		0.5				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066S-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Kevin Pumphrey
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/25/16
Weather	: 100s, Sunny
Northing (US ft)	: 571413.63
Easting (US ft)	: 1459802.53

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	60	-	None	(0-2.5') SILTY SAND with trace GRAVEL, loose, pale brown, dry, non plastic, non cohesive	SP	
		-				
		2.1				
		52.9		(2.5-3.5') SILT, hard, black, dry, non plastic, non cohesive	ML	
		17.4		(3.5-6') BRICK, SILT and SAND sized, loose, red, dry, non plastic, non cohesive	N/A	
5	20	-		(6-10') SANDY GRAVEL and BRICK, loose, dark brown and red, wet at 9.8' bgs	GP/SP	Strong odor, trace product Wet at 9.8' bgs
		-				
		-				
		100.6				
10	60	-		(10-15') GRAVELLY SAND and BRICK, loose, yellow and very dark brown, wet, non plastic, non cohesive	SW/GW	
		-				
		60.2				
		45.6				
		9.3				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066T-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Kevin Pumphrey
Drilling Equipment	: Geoprobe 7822DT

Date	: 07/26/16
Weather	: 100s, Sunny
Northing (US ft)	: 571438.63
Easting (US ft)	: 1459827.53

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-		(0-0.5') ASPHALT, loose, gray, dry, non plastic, non cohesive	N/A	
		2.9		(0.5-2.4') SAND, fine to medium grained, loose, pale brown, dry, non plastic, non cohesive	SW	
	70	0.3	None	(2.4-4') SILTY SAND with some BRICK GRAVEL, medium dense, dark brown, dry, non plastic, non cohesive	SM	
		0.5				
		0.3		(4-4.3') BRICK, SILT sized, firm, red, moist, cohesive, low plasticity	N/A	
				(4.3-5') SANDY GRAVEL, loose, pale brown and gray, dry, non plastic, non cohesive	GP/SP	
5		-		(5-8') BRICK GRAVEL and SAND, loose, yellow, dry, non plastic, non cohesive	N/A	
		-				
	50	0.8				
		9.4		(8-14') SANDY CLAY, very soft, grayish brown, very moist to wet, cohesive, low plasticity	CL	Moderate odor
		2.3				
10		-				
		-				
	60	6.2				
		5.9				
		2.8		(14-15') SANDY GRAVEL with CLAY, loose, brown, wet, non plastic, non cohesive	GP/SP	Wet at 14' bgs
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066U-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 09/20/16
Weather	: 80s, Cloudy
Northing (US ft)	: 571412.09
Easting (US ft)	: 1459777.75

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-0.9') SAND, fine to medium grained, medium dense, brown 2-2.2', then very pale brown 2.2-2.4', dry, non plastic, non cohesive	SW	
		-		(0.9-2') SLAG SAND and GRAVEL, medium dense, gray, dry, non plastic, non cohesive	SW/GW	
	60	15.5		(2-2.9') SILT, medium dense, very dark brown, dry, non plastic, non cohesive	ML	
		134.8	None	(2.9-4.6') SLAG SAND and GRAVEL, loose to medium dense, gray and reddish brown, dry, non plastic, non cohesive	SW/GW	Light odor from 3-5' bgs
		29.2				
5		-		(4.6-8') SILT, very dense, very dark brown, dry, low plasticity, cohesive	ML	
		-				
	50	27.8				
		9.9		(8-14.2') SLAG with SILT, SAND and GRAVEL, medium dense, gray and dark gray, dry, non plastic, non cohesive	SW/GW	Visible product from 9.9-10' bgs Moderate odor from 9.9-14.2' bgs
		23.9				
10		-				
		-				
	60	72.1				
		75.4				Wet at 14.2' bgs due to very saturated clay
		1.1		(14.2-15') CLAY with trace SAND, very soft, greenish gray, very moist to wet, medium plasticity, cohesive	CL	
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066W-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 09/20/16
Weather	: 80s, Cloudy
Northing (US ft)	: 571412.09
Easting (US ft)	: 1459752.75

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-1.8') SANDY SILT, loose, pale brown 0-0.2', then brown 0.2-1.8', dry, non plastic, non cohesive	ML	
		-				
	60	177.7	None	(1.8-6') SLAG and SAND, medium dense, brown, dry, non plastic, non cohesive	SW/GW	
		14.1				
		62.4				
5		-				
		-		(6-8.5') SLAG, SILT to SAND sized, with trace GRAVEL, soft to loose, brown and reddish brown, dry, non-plastic, non-cohesive	ML/SW	
	60	38.0				
		132.6		(8.5-9.6') SLAG, SAND and GRAVEL, medium dense, black, wet	SW/GW	Wet at 8.5' bgs with strong odor and sheen
		6.2		(9.6-10') CLAY, hard, grayish green, dry, medium plasticity, cohesive	CL	
10		-				
		-				
	60	-		(12-15') SLAG, SAND grading to GRAVEL-sized, medium dense, black, wet, non-plastic, non-cohesive	SW/GW	
		-				
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066X-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 09/20/16
Weather	: 80s, Cloudy
Northing (US ft)	: 571515.74
Easting (US ft)	: 1459854.12

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-0.6') ORGANIC SILT, soft, moist	OL	
		-		(0.6-1.7') SLAG, SAND and GRAVEL, loose, gray, dry, non-plastic, non-cohesive	SW/GW	
	70	15.1	None	(1.7-3') SANDY SILT, with SLAG GRAVEL, medium dense, black and gray, dry, non-plastic, non-cohesive	ML	
		7.6		(3-4') SILT, very dense, dark grayish, brown, dry, non-plastic, non-cohesive	ML	
		2.1		(4-12.5') SLAG and BRICK, SILT to SAND-sized, red and dark brown, dry, non-plastic, non-cohesive		
5		-				
		-				
	70	13.5				
		115.5			ML/SW	Moderate odor 9-10' bgs, minimum to moderate product with greasy feel, amber
		207.2				
10		2.2				Wet at 12.5' bgs
	100	8.5				Trace wood fragments at 12.5'-13' bgs
		5.5		(12.5-13') SANDY CLAY, very soft, black, wet, medium plasticity, cohesive	CL	
				End of Boring		

Total Borehole Depth: 13' bgs.

Boring terminated due to refusal, water, and installation of piezometer.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066Y-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 09/19/16
Weather	: 80s, Cloudy
Northing (US ft)	: 571537.81
Easting (US ft)	: 1459852.29

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-0.6') SILT, trace ORGANICS, medium dense, brown, dry, non-plastic, non-cohesive	ML	
		-		(0.6-4.5') SLAG and BRICK, SAND and GRAVEL, medium dense, red, gray, and pale brown, dry, non plastic, non cohesive		
	50	2.0	None		SW/GW	
		1.7				
		5.0				
5		-		(4.5-7') CLAY, hard, reddish yellow and pale brown, dry, low plasticity, cohesive	CL	
		-				
	20	-		(7-15') CLAY with SAND, no SAND (13-15'), with WOOD fragments (13-13.2') very soft, dark brownish gray, then grayish green (13-15'), wet, medium plasticity, cohesive		Wet at 9' bgs due to very saturated clay
		-				
		2.7				
10		-			CL	Moderate odor 9-13' bgs
		7.2				
	80	2.2				
		8.3				
		0.3				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066Z-SB

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 09/19/16
Weather	: 80s, Rainy
Northing (US ft)	: 571487.33
Easting (US ft)	: 1459850.46

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-		(0-2.5') SLAG SAND and GRAVEL, medium dense, grayish brown, dry, non-plastic, non-cohesive	SW/GW	
		3.5				
	84	10.4	None	(2.5-3.5') SILT, soft, very dark brown, dry, non-plastic, non-cohesive	ML	
		38.1		(3.5-4') CLAYEY SILT, soft, very dark brown, moist, low plasticity, cohesive	ML	Moderate sweet odor
		5.6		(4-5') SLAG, SAND sized, medium dense, gray-brown, yellow and red, dry, non-plastic, non-cohesive	SW	
5		-		(5-8.8') SANDY CLAY, soft, brown and red grading to yellowish brown, very moist, medium plasticity, cohesive	CL	
		-				
	70	1.3				
		1.6				
		111.1		(8.8-10') SLAG and BRICK, SILT to GRAVEL sized, wet, non-plastic, non-cohesive	ML/GW	Wet at 9' bgs, sheen, slippery (9-10')
10		45.9		(10-15') No recovery due to jammed liner sleeve	CL	
	0	-				
		-				
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066AA-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 09/21/16
Weather	: 80s, Cloudy
Northing (US ft)	: 571435.08
Easting (US ft)	: 1459728.53

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-		(0-0.9') SANDY SILT, soft, yellowish brown, dry, non plastic, non cohesive	ML	Organic matter
		3.4		(0.9-2') SILT with SAND and GRAVEL SLAG, brown and black, soft, dry, non plastic, non cohesive	ML	
	50	17.6	None	(2-3.9') SLAG SAND with some GRAVEL, brown, yellow and dark gray, dry, non plastic, non cohesive	SW	
		71.4				
		-		(3.9-5') SAND, fine to medium, loose, brown, dry, non plastic, non cohesive	SW	
5		-		(5-7.2') SANDY SILT, medium to firm, brown, dry, non plastic, non cohesive	ML	
		71.8				
	36	-		(7.2-12') SILTY SLAG, SAND and GRAVEL sized, medium dense, black, wet, non plastic, non cohesive	SW-SM	Wet at 8.8' bgs
		6.3				
		-				
10		-				
		-				
	6	2.3		(12-15') CLAY, very soft, very moist to wet, very dark gray, medium plasticity, cohesive	CL	
		-				
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066BB-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 09/20/16
Weather	: 80s, Cloudy
Northing (US ft)	: 571363.98
Easting (US ft)	: 1459845.45

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-2') SILT with SLAG GRAVEL, soft, grayish brown, dry, non-plastic, non-cohesive	ML	
		0.0				
	72	0.0	None	(2-7') SLAG, SAND and GRAVEL, medium dense, light gray and light brown, dry, non-plastic, non-cohesive		Light odor (3-5')
		0.0				
		0.0			SW/GW	
5		-				
		-				
	20	0.0		(7-9.8') SLAG, SILT and GRAVEL-sized, medium dense, light gray, dry, non-plastic, non-cohesive		
		-			ML/GW	
		-				
10				(9.8-10') SLAG, SILT to GRAVEL-sized, medium dense, very moist, dark brown, non-plastic, non-cohesive		Wet at 10' bgs
		-		(10-14') SLAG, SAND and GRAVEL, more SILT from 11-14', medium dense, very dark brown, wet, non-plastic, non-cohesive		
		3.4			SW/GW	Strong odor (10-15'), strong sheen throughout and moderate odor
	100	0.0				
		0.0				
		0.9		(14-15') GRAVEL SLAG, loose, very dark brown, wet, non-plastic, non-cohesive	SW/GW	
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066CC-SB

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 09/20/16
Weather	: 80s, Cloudy
Northing (US ft)	: 571363.95
Easting (US ft)	: 1459793.11

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	40	-	None	(0-3.2') CLAY wih trace SAND, soft, pale brown, moist, medium cohesive	CL	
		-				
		-				
		1.3		(3.2-9') SLAG and BRICK (SAND and GRAVEL with SILT), medium dense, light grayish, yellow, red, and very dark brown, dry (3.2-10') but very moist (4.5-4.7'), non-plastic, non-cohesive	SW/GW	
5		0.1				
		-				
		-				
	46	-				
		0.0				
		0.0		(9-12.5') SANDY CLAY, firm, pale brown, dry to moist, low plasticity, cohesive	CL	
10		-				
		-				
	30	-				
		0.0		(12.5-15') SLAG and BRICK (SAND and GRAVEL with SILT), medium dense, light grayish, yellow, red, and very dark brown, wet, non-plastic, non-cohesive	SW/GW	Wet at 13.5'
		0.0				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066DD-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 09/20/16
Weather	: 80s, Cloudy
Northing (US ft)	: 571365.62
Easting (US ft)	: 1459902.37

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	20	-	None	(0-6.5') SLAG GRAVEL, SAND and GRAVEL, with SILT, medium dense, light gray, dry, non-plastic, non-cohesive	SW/GW	
		0.0				
5						
	50	-		(6.5-8.2') SANDY SILT, dense, grayish brown and brown, moist to dry, non-plastic, non-cohesive	ML	
		0.0		(8.2-8.4') CLAYEY SILT, firm, grayish brown, moist, low plasticity, cohesive	ML	
		0.0		(8.4-12') SILT grading to SANDY SILT, firm, dry, non-plastic, non-cohesive	ML	
10						
	30	-		(12-15') SLAG, SILT to GRAVEL sized, dense, dark brown, and weak red, wet, non-plastic, non-cohesive	SW/GW	Wet at 13.5' bgs
		0.0				
		0.0				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066EE-SB

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 09/20/16
Weather	: 80s, Cloudy
Northing (US ft)	: 571362.09
Easting (US ft)	: 1459727.75

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-2.5') SLAG GRAVEL to SILT-sized, medium dense, light brown, dry, non plastic, non cohesive	ML/GW	
		1.9				
	80	1.9	None	(2.5-2.7') ASPHALT, dense, gray, dry, non plastic, non cohesive	N/A	
		2.2		(2.7-9') SLAG, GRAVEL to SILT-sized, medium dense, gray, brown, and yellow, dry, non plastic, non cohesive		
		4.4				
5		-			ML/GW	
		-				
	40	4.0				
		1.4				
		-		(9-10') SILTY SLAG GRAVEL, medium dense, brown, wet, non plastic, non cohesive	GW-GM	Wet at 9.5' bgs
10		-		(10-15') No Recovery		
		-				
	0	-				
		-				
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066FF-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 09/21/16
Weather	: 80s, Cloudy
Northing (US ft)	: 571537.81
Easting (US ft)	: 1459902.29

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-		(0-0.5') ASPHALT, dense, gray, dry, non plastic non cohesive	N/A	
		0.0		(0.5-2.9') SLAG, SAND and GRAVEL, gray and pale brown, dry, non-plastic, non-cohesive	SW/GW	
	60	0.0	None			
		0.0		(2.9-6.8') SILTY SAND with SLAG SAND and GRAVEL, medium dense, brown and dark gray, dry, non plastic, non cohesive	SM/SW	
5		-				
		-				
		0.0				
				(6.8-7.1') CLAY with trace SAND, soft, light brownish gray, moist to very moist, medium plasticity, cohesive	CL	
	64	0.0		(7.1-9.2') SANDY SILT with SLAG GRAVEL, dense, brown, moist, non plastic, non cohesive	ML	
		0.0				
		-			CL	
				(9.2-9.3') CLAY with SAND, very firm, reddish yellow and very pale brown with trace red, moist low plasticity, cohesive	ML	
10		-		(9.3-10') SANDY SILT with SLAG GRAVEL, dense, brown, moist, non plastic, non cohesive		No water encountered
		-		(10-15') No recovery		
		-				
	0	-				
		-				
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to installation of piezometer.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066GG-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 09/21/16
Weather	: 80s, Cloudy
Northing (US ft)	: 571489.19
Easting (US ft)	: 1459894.39

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	60	-	None	(0-0.6') SILTY SAND, loose, brown, moist, non-plastic, non-cohesive	SM	
		-		(0.6-1.6') ASPHALT, loose, gray, dry, non-plastic, non-cohesive	N/A	
		7.3		(1.6-3.1') SILTY fine to medium SAND, medium dense, brown, dry, non-plastic, non-cohesive	SW	
		3.9		(3.1-4.4') SLAG SAND with some GRAVEL, dark brown, brown, and gray, non-plastic, non-cohesive	SW	
		1.5		(4.4-6') CLAY, firm, reddish yellow, and very pale brown mottling, dry, low plasticity, cohesive	CL	
5		-				
	60	-		(6-8.3') GRAVELLY CLAY with SAND, soft to medium dense, moist, low plasticity, cohesive	CL	
		0.5				
		1.9		(8.3-8.8') SLAG, SAND and GRAVEL, medium dense, very dark brown and brown, moist, non-plastic, non-cohesive	SW/GW	Wet at 8.8' bgs
		0.0		(8.8-13.2') GRAVELLY CLAY with SAND, GRAVEL increases with depth, soft to medium dense, very moist to wet, low plasticity, cohesive	CL	
10		-				
	56	-				
		0.6				
		2.9		(13.2-13.8') SLAG, SILT sized to coarse SAND, white, wet, non-plastic, non-cohesive	ML/SW	
				(13.8-14.2') SLAG and BRICK SAND and GRAVEL, medium dense, yellow and light gray, wet, non-plastic, non-cohesive	SW/GW	
		2.3		(14.2-15') GRAVELLY CLAY, trace SAND, soft to medium dense, reddish yellow, light gray, and black, very moist, low plasticity, cohesive	CL	
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066HH-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT
Date	: 09/21/16
Weather	: 80s, Cloudy
Northing (US ft)	: 571425.65
Easting (US ft)	: 1459890.65

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	None	(0-0.8') ORGANIC SILT, firm, brown, dry, non plastic, non cohesive	OL	Organic matter
		14.8		(0.8-3.7') SLAG SAND with some GRAVEL, medium dense, dark brown and gray, dry, non plastic, non cohesive	SW/GW	
	60	62.0				
		1.5		(3.7-4') SILT, hard, dark brown, dry, low plasticity, cohesive	ML	
		-		(4-5') SAND with SLAG GRAVEL, medium dense, brown, and gray, dry, non plastic, non cohesive	SW	
5		-		(5-9.5') SLAG, SAND and GRAVEL, medium dense, brown, dry, non plastic, non cohesive	SW/GW	
		0.5				
	70	1.9				
		5.4				
		35.1				
10		-		(9.5-11') SILTY CLAY, soft, brownish gray, very moist, low plasticity, cohesive	CL	
		8.7		(11-11.6') BRICK, SAND-sized, dense, red, dry, non plastic, non cohesive	N/A	Wet at 11.6' bgs
	76	2.1		(11.6-13.5') CLAY with some SLAG GRAVEL, soft, very moist to wet, medium plasticity, cohesive	CL	
		1.0		(13.5-13.9') SLAG GRAVEL, loose, gray, wet, non plastic, non cohesive	SW/GW	
		1.1		(13.9-14.7') CLAY with some SLAG GRAVEL, soft, very moist to wet, medium plasticity, cohesive	CL	
15				(14.7-15') SLAG, SAND-sized, brown, wet, non plastic, non cohesive	SW	
				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066II-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 09/20/16
Weather	: 80s, Cloudy
Northing (US ft)	: 571398.06
Easting (US ft)	: 1459703.84

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-2.3') SILT, trace ORGANICS, very stiff, grayish brown, dry, non-plastic, non-cohesive	ML	
		10.1				
	56	4.3	None	(2.3-8.7') SLAG and BRICK, SAND and GRAVEL, medium dense, yellow brown and gray, dry, then wet at 8' bgs, non-plastic, non-cohesive		
		5.6				
		-				
5		-			SW/GW	
		0.0				
	60	0.0				Wet at 8' bgs
		0.0				
		-		(8.7-10') CLAY, soft, dark gray and strong brown, very moist to wet, medium plasticity, cohesive	CL	
10		-		(10-15') CLAY, soft, gray and dark gray, moist to very moist, medium plasticity, cohesive		
		0.0				
	86	0.0			CL	
		0.0				
		0.0				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066JJ-PZ

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/13/17
Weather	: 40s, Sunny
Northing (US ft)	: 571437.08
Easting (US ft)	: 1459752.03

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-1.5') GRAVELLY SAND with SILT, medium dense to dense, light brown, moist, non plastic, non cohesive	SW/GW	
		6.0		(1.5-6') SAND, fine to coarse, medium dense, brown with trace yellow, dry, non plastic, non cohesive		
	60	195.6	None			
		328.1			SW	
		-				
5		-				
		-		(6-9.2') SANDY SILT with trace GRAVEL, soft, strong brown and black, wet, low plasticity, cohesive		
	38	398.4			ML	Wet at 8.1' bgs
		410.2				
		-		(9.2-15') SLAG GRAVEL, medium dense, very dark gray to black, wet, non plastic, non cohesive		
10		-				
		-			GW	
	24	-				
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Terminated due to water and installation of piezometer.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066KK-PZ

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/13/17
Weather	: 40s, Sunny
Northing (US ft)	: 571411.51
Easting (US ft)	: 1459738.15

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	76	- 18.4 74.9 56.4 12.1	None	(0-6') SAND with SILT and GRAVEL, medium dense, brown and yellow, dry, non plastic, non cohesive	SW-SM	
5	76	- 8.4 2.1 1.9		(6-8.5') SILTY SLAG GRAVEL, medium dense, dark brown and black, wet, non plastic, non cohesive	GW	Wet at 7.2' bgs
				(8.5-9') SANDY SILT, soft, very dark gray, wet, low plasticity, cohesive	ML	
10	60	-		(9-10') SILTY SLAG GRAVEL, medium dense, dark brown and black, wet, non plastic, non cohesive	GW	
		-		(12-18') SLAG GRAVEL with SILT, medium dense, gray and black, wet, non plastic, non cohesive	GW	
15	70	-		(18-20') CLAY, firm, gray, very moist, medium plasticity, cohesive	CL	
20				End of Boring		

Total Borehole Depth: 20' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC Engineers and Scientists	Client: EnviroAnalytics Group ARM Project No.: 150300M-5-3 Project Description: Sparrows Point - Parcel B6 Site Location: Sparrows Point, MD ARM Representative: L. Perrin Checked by: W. Mader, P.G., CPSS Drilling Company: Green Services, Inc Driller: Don Marchese Drilling Equipment: Geoprobe 7822DT	Date: 01/13/17 Weather: 50s, Sunny Northing (US ft): 571393.89 Easting (US ft): 1459738.18

Boring ID: B6-066LL-PZ

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Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	60	-, 3.6, 6.5, 0.1, -	None	(0-0.4') ORGANIC SILT, soft, brown, low plasticity, cohesive	OL	
				(0.4-5.5') SLAG SAND and GRAVEL, medium dense, light brown, light brownish gray, yellowish red, dry, non plastic, non cohesive	SW/GW	
5	62	-, -, -, -, -		(5.5-9.7') SLAG SAND AND GRAVEL, medium dense, brown and yellow, dry then wet at 8', non plastic, non cohesive	SW/GW	Wet at 8' bgs
10	60	-, -, -, -		(9.7-15') SLAG, SILTY SAND AND GRAVEL, medium dense, very dark gray to black	SW/GM	
15				End of Boring		

Total Borehole Depth: 15' bgs.

Terminated due to water and installation of piezometer.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066MM-PZ

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/13/17
Weather	: 50s, Sunny
Northing (US ft)	: 571396.13
Easting (US ft)	: 1459763.31

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-		(0-1') SANDY SILT, firm, pale brown, moist, low plasticity, cohesive	ML	
		3.8		(1-5') SAND with SILT and SLAG GRAVEL, medium dense, brown, yellowish brown and gray, moist then dry at 1.6', non plastic, non cohesive	SW-SM	
	90	71.4	None			
		279.8				
		34.5				
5		-				
		-		(6.5-7.3') SANDY SILT, dense, brown, dry, non plastic, non cohesive	ML	
	70	-		(7.3-9') SAND, fine to coarse with SLAG GRAVEL and BRICK GRAVEL, medium dense to dense, brown and yellow, dry, non plastic, non cohesive	SW	
		-				
		-		(9-12.4') SLAG GRAVEL with SAND and SILT, medium dense, very dark gray, wet, non plastic, non cohesive	GW	Wet at 9' bgs
10		-				
		-				
	80	-		(12.4-15') CLAY, soft, dark grayish brown, high plasticity, cohesive	CH	
		-				
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066NN-PZ

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/13/17
Weather	: 50s, Sunny
Northing (US ft)	: 571398.00
Easting (US ft)	: 1459786.15

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-0.5') SAND, medium to coarse, loose, yellow, wet, non plastic, non cohesive	SW	
		1.2		(0.5-2.1') SAND with very small GRAVEL, fine to coarse, moist, non plastic, non cohesive	SW	
	76	46.7	None	(2.1-5.5') SLAG and BRICK SAND and GRAVEL, medium dense, red, gray, very pale brown, and brown, dry, non plastic, non cohesive	SW/GW	Trace wood fragments with odor at 2' and 13' bgs
		81.3				
		18.4				
5		-		(5.5-7.5') SANDY SILT, very soft, brown, wet, non plastic, non cohesive	ML	Wet zone 6-7.5' bgs
		-				
	80	-		(7.5-11') SAND and SLAG GRAVEL, dense, brown, gray, and strong brown with trace white, moist, non plastic, non cohesive	SW/GW	
		-				
10		-				
		-				
		-		(11-14.5') SAND and SLAG GRAVEL, dense, brown, gray, and strong brown with trace white, wet, non plastic, non cohesive	SW/GW	Wet at 12' bgs
	60	-				
		-				
		-				
15				(14.5-15') SILTY CLAY, soft, dark gray, very moist, MP, cohesive	CL	
				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066OO-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: KP
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/16/17
Weather	: 40s, Cloudy
Northing (US ft)	: 571399.66
Easting (US ft)	: 1459806.39

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-	None	(0-0.4') SAND, fine to coarse, loose to medium dense, brown with trace yellow, dry, non plastic, non cohesive	SW	Trace organic matter
		2.6		(0.4-6') SLAG and BRICK GRAVEL and SAND, medium dense, yellow, brown and grayish brown, dry grading to moist, non plastic, non cohesive		
	50	9.7			SW/GW	
		10.3				
5		-				
		-				
		-		(6-15') BRICK and SLAG SAND and GRAVEL with SILT, medium dense to dense, dark brown, yellow and red, moist then wet at 9', non plastic, non cohesive		
	46	0.4				
		-				Wet at 9' bgs
		-				
10		-			SW/GM	
		-				
	60	-				
		-				
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066PP-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: KP
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/16/17
Weather	: 40s, Cloudy
Northing (US ft)	: 571409.63
Easting (US ft)	: 1459815.33

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	40	-	None	(0-1') SILTY SAND, medium dense, yellowish brown, moist, non plastic, non cohesive	SM	
		58.2		(1-3') ASPHALT, dense, dark gray, dry, non plastic, non cohesive	N/A	
		16.0				
		7.9		(3-9.5') SLAG and BRICK SAND and GRAVEL, medium dense, red, brown, gray and yellow, dry, non plastic, non cohesive	SW/GW	
5	40	5.2				
		11.0		(9.5-10') GRAVELLY SAND, medium dense, black, non plastic, non cohesive	SW	Moderate amount of product 9.5-10' Half metallic luster grains; trace silt lenses
10	50	-		(12.5-14') SAND, fine to medium dense, dark gray, moist, non plastic, non cohesive	SW	
				(14-16') SILTY SAND with GRAVEL, wet, dark brown, low plasticity, cohesive	SM/GW	Wet at 14' bgs
15	56	-		(16-20') GRAVELLY SAND with SILT, fine to coarse, dense, dark gray and dark brown, wet, non plastic, non cohesive	SW/GM	
20				End of Boring		

Total Borehole Depth: 20' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066QQ-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: KP
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/16/17
Weather	: 40s, Cloudy
Northing (US ft)	: 571423.07
Easting (US ft)	: 1459821.65

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-1.2') SILTY SAND, dense, yellowish brown, moist, non plastic, non cohesive	SM	
		23.1		(1.2-2.6') ASPHALT, dense, black and gray, dry, non plastic, non cohesive	N/A	
	62	68.1	None	(2.6-9.5') SLAG and BRICK SAND and GRAVEL, medium dense, red, brown with trace yellow, dry then wet at 8.5', non plastic, non cohesive	SW/GW	Wet at 8.5' bgs Trace to light product 9.1-13' bgs with heavy sheen 12.5-13' bgs
		74.6				
		12.7				
5		-				
		-				
	48	2.1				
		-				
		-				
10		-		(9.5-11.5') CLAYEY SILT, firm, gray and brown, moist, low plasticity, cohesive	ML	
		-				
		-		(11.5-13') SANDY GRAVEL with SILT, medium dense, very dark gray, wet, non plastic, non cohesive	SW/GW	
	50	-				
		-		(13-15') CLAYEY SILT with some GRAVEL, firm, gray and brown, moist, low plasticity, cohesive	ML	
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066RR-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: KP
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/16/17
Weather	: 40s, Cloudy
Northing (US ft)	: 571462.34
Easting (US ft)	: 1459850.05

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-1.2') SANDY SILT, firm, yellowish brown, moist, non plastic, non cohesive	ML	
		26.3		(1.2-1.8') ASPHALT, dense, black and gray, dry, non plastic, non cohesive	N/A	
	74	127.7	None	(1.8-9.5') BRICK and SLAG SAND and GRAVEL, medium dense to loose, red, light gray, black, brown and yellow, dry, non plastic, non cohesive	SW/GW	Wet at 8.7' bgs
5		56.2				
		-				
		-				
		-				
	40	7.3				
		-				
		-				Trace product, moderate odor, greasy feel, metallic luster 9.4-9.5' bgs
10		-		(9.5-16') SILTY CLAY with SAND, firm, moist, yellowish brown and bray, low plasticity, cohesive	CL	
		-				
		-				
	40	-				
		-				
		-				
15		-				
	10	-				
				End of Boring		

Total Borehole Depth: 16' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066SS-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: KP
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/16/17
Weather	: 40s, Cloudy
Northing (US ft)	: 571470.22
Easting (US ft)	: 1459868.69

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-1.8') SAND, fine to coarse, medium dense, brown grading to black and gray, dry, non plastic, non cohesive	SW	
		50.2		(1.8-2.2') ASPHALT, dense, black and gray, dry, non plastic, non cohesive	N/A	
	76	84.2	None	(2.2-2.6') SLAG, SAND sized with GRAVEL, greenish gray, dry, non plastic, non cohesive	SW/GW	
		84.0		(2.6-2.8') SILTY SAND, medium dense to loose, black, dry, non plastic, non cohesive	SM	
		39.5		(2.8-4') BRICK with SLAG, SAND sized with GRAVEL	SW	
5		-		(4-4.3') SILT, dense, yellowish brown and gray with trace reddish yellow mottling, dry, low plasticity, cohesive	ML	
		-		(4.3-9.5') BRICK with SLAG, SAND sized with GRAVEL, dry then wet at 9.2'	SW	
	50	-				
		-				
		-				Wet at 9.2' bgs
		-				Light amber product 9.2-9.5' bgs
10		-		(9.5-12.5') SANDY SILT, yellowish brown, very firm, moist, low plasticity, cohesive	ML	
	40	-		(12.5-14') GRAVELLY SAND with SILT, dense, dark brown, wet, non plastic, non cohesive	SW/GW	
		-		(14-16') SANDY GRAVEL, medium dense, dark brown, wet, non plastic, non cohesive	GW	
15	70	-		End of Boring		

Total Borehole Depth: 16' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066TT-SB

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: KP
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/16/17
Weather	: 40s, Cloudy
Northing (US ft)	: 571488.63
Easting (US ft)	: 1459875.43

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-1.6') SAND with SILT and trace SLAG GRAVEL, loose, brown, dry, non plastic, non cohesive	SW-SM	
		387.5		(1.6-2.1') ASPHALT, dense, gray and black, dry, non plastic, non cohesive	N/A	
	78	88.5	None		SM	
				(2.1-2.5') SILTY SAND, medium dense, black, dry, non plastic non cohesive		
		181.5		(2.5-9.8') BRICK and SLAG, SAND-sized with some GRAVEL, medium dense to dense, red, dark gray and yellow, dry then wet at 9.5', non plastic, non cohesive		
		68.5				
5		-			SW	
		-				
	40	-				
		-				
		-				Wet at 9.5' bgs
10		-		(9.8-13') CLAYEY SILT, dense, moist, yellowish brown and gray mottling, low plasticity, cohesive	ML	
		-				
	50	-				
		-		(13-14.2') SANDY SILT, soft, yellowish brown with trace reddish yellow, wet, low plasticity, cohesive	ML	
		-		(14.2-15.7') SILTY CLAY, firm, grayish brown with yellowish brown mottling, very moist, low plasticity, cohesive	CL	Trace sheen 15.5-16' bgs
15	50	-		(15.7-16') SLAG and BRICK, SAND and GRAVEL with SILT, medium dense, dark brown and red, wet, non plastic, non cohesive	SW/GM	
				End of Boring		

Total Borehole Depth: 16' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066UU-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: KP
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/16/17
Weather	: 40s, Cloudy
Northing (US ft)	: 571500.20
Easting (US ft)	: 1459865.10

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-0.5') ASPHALT, dark gray, loose, non plastic, non cohesive	N/A	
		17.9		(0.5-12.2') BRICK and SLAG, SAND and GRAVEL, medium dense, red, yellow, brown, white and gray, dry, non plastic, non cohesive		
	70	106.5	None			
		73.4				
		-				
5		-				
		-			SW/GW	
	50	-				
		-				Wet at 8.5' bgs
		-				Light petroleum odor 9.5-10' bgs
10		-				
		-				
	72	-		(12.2-12.4') CLAYEY SILT, very firm, yellowish brown and gray, moist, low plasticity, cohesive	ML	
		-		(12.4-14.4') BRICK and SLAG, SAND and GRAVEL, medium dense, red, dark brown, wet, non plastic, non cohesive	SW/GW	
		-		(14.4-15') SILTY CLAY, dense, gray, moist, low plasticity, cohesive	CL	
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066VV-PZ

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/13/17
Weather	: 40s, Sunny
Northing (US ft)	: 571624.59
Easting (US ft)	: 1459802.59

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-1.9') SILTY SAND, trace GRAVEL, dense, pale brown, moist, non plastic, non cohesive	SM	
		-				
	46	7.9	None	(1.9-4.5') SLAG, SAND and GRAVEL, medium dense, brownish gray to gray, dry, non plastic, non cohesive	SW/GW	
		2.2				
		-		(4.5-4.8') SAND, medium to very coarse, dense, yellow, moist, non plastic, non cohesive	SW	
5		-		(4.8-5') SLAG, SAND and GRAVEL, medium dense, brownish gray to gray, dry, non plastic, non cohesive	SW/GW	
		1.8				
	60	11.5		(7-8.5') SILTY CLAY, firm to soft, grayish brown, very moist, medium plasticity, cohesive	CL	Strong organic odor 8-13' bgs Wet at 8.5' bgs
		5.0		(8.5-13') CLAY, soft, very dark gray, saturated, medium plasticity, cohesive		
		-				
10		-			CL	
		5.0				
	64	1.6				
		0.4		(13-15') CLAY, very firm, very pale brown with reddish yellow mottling, moist, medium plasticity, cohesive	CL	
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066WW-PZ

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Don Marchese
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/13/17
Weather	: 40s, Sunny
Northing (US ft)	: 571594.56
Easting (US ft)	: 1459778.86

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-				
		31.1		(0-2.5') SILTY SAND with some MARBLE GRAVEL, fine to coarse, dense, very pale brown, dry, non plastic, non cohesive	SM	
	76	4.5	None			
		80.6		(2.5-4.5') SAND with some BRICK GRAVEL, medium dense, brown and yellow, dry, non plastic, non cohesive	SW	
		12.2				
5				(4.5-5') SILTY CLAY, dense, light gray and brown, medium plasticity, cohesive	CL	
		-				
		35.3				
	56	1.9		(7.2-9.5') SLAG GRAVEL with SAND, dense, brown, dry then wet at 8', non plastic, non cohesive	GW	Wet at 8' bgs
		2.5				
		-		(9.5-13.5') SANDY SILT, very soft, brown, wet, low plasticity, cohesive	ML	Strong organic odor 9.5-13.5' bgs
10		-				
		166.2				
	90	0.3				
		0.4				
		2.9		(13.5-15') CLAY, firm, very pale brown and reddish yellow mottling, medium plasticity, cohesive	CL	
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066XX-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: KP
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/17/17
Weather	: 40s, Cloudy
Northing (US ft)	: 571591.95
Easting (US ft)	: 1459753.99

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	60	-	None	(0-4.8') SLAG and BRICK, SAND and GRAVEL, medium dense, yellow, red, dark brown, dry, non plastic, non cohesive	SW/GW	
		35.4				
		11.8				
		0.0				
		-				
5		-		(4.8-9.1') SANDY GRAVEL, medium dense, black, wet, non plastic, non cohesive	GW	Wet at 4.8' bgs Wood fragments at 4.8-5' bgs Moderate to heavy product with strong organic odor 4.8-9.1' bgs
	50	-				
		-				
		-				
		-				
10		-		(9.1-10') CLAY with SAND, soft, very dark gray, wet, medium plasticity, cohesive	CL	
		-		(11-12') SANDY CLAY, firm, greenish brown, moist, medium plasticity, cohesive	CL	
	80	-		(12-15') SANDY SILT, very firm, reddish yellow, moist, low plasticity, cohesive	ML	
		-				
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066YY-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: KP
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/17/17
Weather	: 40s, Cloudy
Northing (US ft)	: 571619.46
Easting (US ft)	: 1459776.61

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-				
		53.2		(0-2.9') SILTY SAND, medium dense, brown, moist, non plastic, non cohesive	SM	Organic matter
	46	24.2	None			
		0.5		(2.9-7.5') SLAG and BRICK, medium dense, yellow, brown, purple and gray, dry then wet at 4.5', non plastic, non cohesive	SW/GW	Purple brick gravel 2.9-3' bgs Wet at 4.5' bgs
5		-				
		-				
		-				
	58	-		(7.5-8.9') CLAYEY SILT, very soft, black, wet, low plasticity, cohesive	ML	Strong organic odor with moderate amount NAPL, black, 7.5-10' bgs
		-				
		-		(8.9-9.6') SANDY CLAY with some GRAVEL, soft, black, very moist, low plasticity, cohesive	CL	
10		-		(9.6-11') SILTY CLAY, soft, greenish brown, very moist, medium plasticity, cohesive	CL	
		-				
		-		(11-15') CLAYEY SILT, firm, reddish yellow and very pale brown mottling, moist, low plasticity, cohesive	ML	
	84	-				
		-				
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066ZZ-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: KP
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/17/17
Weather	: 40s, Cloudy
Northing (US ft)	: 571570.84
Easting (US ft)	: 1459850.02

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-1.4') SILTY SAND, medium dense, yellowish brown, moist, non plastic, non cohesive	SM	
		762.7		(1.4-6.5') SLAG and BRICK, medium dense, red, yellow, dark brown, dry, non plastic, non cohesive		Large wood fragments 1.2-1.4' bgs
	80	73.1	None			
		35.5			SW/GW	
		4.1				
5		-				
		-		(6.5-9') SANDY SILT, very soft, brownish green, very moist, low plasticity, cohesive	ML	Wet at 7.5' bgs Strong organic odor 7.5-15' bgs
	80	-				
		-				
		-		(9-9.8') WOOD fragment, wet, non plastic, non cohesive	N/A	
10		-		(9.8-15') CLAYEY SILT, very soft, brownish green and black, very moist, low plasticity, cohesive		Light product 9.8-15' bgs
		-				
	80	-			CL	
		-				
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066AAA-SB

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Green Services, Inc
Driller	: Kevin Pumphrey
Drilling Equipment	: Geoprobe 7822DT

Date	: 01/17/17
Weather	: 40s, Cloudy
Northing (US ft)	: 571564.20
Easting (US ft)	: 1459752.67

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-1.9') SILTY SAND with SLAG GRAVEL, trace ORGANICS, medium dense, yellowish brown, dry, non-plastic, non-cohesive	SM	
		3.6				
	74	1.8	None	(1.9-4.2') SANDY SILT, firm, yellowish brown, dry, low plasticity, cohesive	ML	
		2.5				
		1.2		(4.2-5') SLAG and BRICK SAND and GRAVEL, medium dense, dark brown, gray, and yellow, moist, non-plastic, non-cohesive	SW/GW	
5		-				
		-				
	60	-		(7-8') SANDY SILT, firm, yellowish brown, moist, low plasticity, cohesive	ML	
		-		(8-9.7') SLAG and BRICK SAND and GRAVEL, medium dense, dark brown, gray, and yellow, wet, non-plastic, non-cohesive	SW/GW	Wet at 8' bgs
		-				
10		-		(9.7-15') SANDY GRAVEL, loose, very dark brown to black, wet, non-plastic, non-cohesive		Light product (9.7-15'), sheen in water
		-				
	10	-			GW	
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066BBB-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Glumac
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Allied
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT

Date	: 03/9/17
Weather	: 50s, Sunny
Northing (US ft)	: 571540.86
Easting (US ft)	: 1459720.55

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	60	-	None	(0-3') SILT with ORGANICS, soft, brown, dry, low plasticity, cohesive	ML	
		-				
		43.7				
		0.6		(3-4') SANDY SILT with CLAY, fine grained, soft, brown, dry, med plasticity, cohesive	ML	
		2.5		(4-6') SILT with SAND, fine grained, soft, dark brown, dry, no plasticity, no cohesion	ML	
5		-				
		-		(6-7.5') CLAY, soft, gray to light brown, dry, high plasticity, cohesive	CL	
	60	1131		(7.5-11') SAND, medium to coarse grained, dark brown to black, dry 7.5-8.5', moist 8.5-9', then wet 9-10', no plasticity, no cohesion	SW	Wet at 9' bgs
		-				
10		-				
		-				
		-				
	60	-		(11-15') SAND with some SILT, fine grained, loose, black, wet, no plasticity, no cohesion	SP	Strong odor from 12-15' bgs
		-				
15						
	100	-		(15-16') CLAY, stiff, black, wet, high plasticity, cohesive	CH	
				End of Boring		

Total Borehole Depth: 16' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066CCC-SB

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Glumac
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Allied
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT

Date	: 03/9/17
Weather	: 50s, Sunny
Northing (US ft)	: 571582.34
Easting (US ft)	: 1459730.65

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	50	-	None	(0-2.5') SILT, soft, dark brown, dry, no plasticity, no cohesion	ML	
		-				
		43.7		(2.5-4') GRAVEL and CONCRETE, very loose, gray, dry, no plasticity, no cohesion	SP/GP	
		0.6				
		2.5		(4-5') SAND with some SILT, loose, dark brown, dry, no plasticity, no cohesion	SP	
5	90	-		(5-7') SAND and GRAVEL, very loose, gray to black, dry, no plasticity, no cohesion	SP/GP	Sewage odor 5-12.5' bgs
		-				
		1131		(7-8') SILT and CLAY, stiff, black, moist, low plasticity, cohesive	ML/CL	
		-		(8-9.5') SAND with some SILT, very loose, black, wet, no plasticity, no cohesion	SW	Wet at 8' bgs
		-				
10				(9.5-10') CLAY, hard, black grading to reddish yellow, moist, high plasticity, cohesive	CH	
	96	-		(10-12.5') SAND with GRAVEL and some SILT, coarse grained, very loose, black, wet, no plasticity, no cohesion	SP/GP	
		-				
		-		(12.5-15') CLAY, stiff, black grading to reddish yellow, moist to dry, high plasticity, cohesive	CH	
		-				
15		-		End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066DDD-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Glumac
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Allied
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT

Date	: 03/9/17
Weather	: 50s, Sunny
Northing (US ft)	: 571619.92
Easting (US ft)	: 1459740.13

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	40	-	None	(0-3') SILT, soft, dark brown, dry, low plasticity, cohesive	ML	
		-				
		43.7				
		1.5		(3-4') SLAG and CONCRETE GRAVEL, very loose, gray to green, dry, no plasticity, no cohesion	GW	
		16.3		(4-5') SILT with SAND, very loose, dark brown, dry, low plasticity, cohesive	ML/ SP	
5		0.0		(5-12') CLAY, stiff but medium stiff 8-8.5', reddish yellow, dry, high plasticity, cohesive	CH	
	100	0.2				
		0.0				
		0.0				
		0.0				
10		-				
		-				
	100	-		(12-13') CLAY with some SAND, stiff, reddish yellow, moist, high plasticity, cohesive	CH	
		-		(13-16.5') CLAY, medium stiff, reddish yellow, moist, high plasticity, cohesive	CH	
15		-				
		-				Wet at 16.5' bgs
	100	-		(16.5-19.3') SILT with some fine grained SAND, very soft, gray, wet, no plasticity, no cohesion	ML	
		-				
		-				
20		-		(19.3-22') SAND, coarse grained, loose, reddish yellow, wet, no plasticity, no cohesion	SP	
		-				
	100	-		(22-25') CLAY, soft then stiff 23-25', gray, moist, high plasticity, cohesive	CH	
		-				
		-				
25				End of Boring		

Total Borehole Depth: 25' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066EEE-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Glumac
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Allied
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT

Date	: 03/9/17
Weather	: 60s, Sunny
Northing (US ft)	: 571650.49
Easting (US ft)	: 1459746.60

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	40	-	None	(0-3') SAND with SILT, fine to coarse grained, loose, dark brown, dry, no plasticity, no cohesion	SW-SM	
		4.0		(3-4.5') GRAVEL and CONCRETE, coarse grained, gray, dry, no plasticity, no cohesion	GP	
5		47.6		(4.5-6') SAND with SILT, fine to coarse grained, loose, red, dry, no plasticity, no cohesion	SW-SM	
	40	1057		(6-10.5') SLAG with trace coarse grained SAND, very coarse to cobble-sized, loose, black, wet, no plasticity, no cohesion	GW	Product 7-10' bgs Wet at 7.5' bgs
10				(10.5-11.5') SAND, coarse grained, black, wet, no plasticity, no cohesion	SP	
				(11.5-12') SAND with SILT and GRAVEL, loose, wet, no plasticity, no cohesion	SM/GP	
	80			(12-15') CLAY, medium stiff, gray and reddish yellow, dry, high plasticity, cohesive	CH	
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066FFF-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Glumac
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Allied
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT

Date	: 03/9/17
Weather	: 60s, Sunny
Northing (US ft)	: 571650.09
Easting (US ft)	: 1459772.71

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-2') SILT with fine grained SAND, soft, dark brown, dry, no plasticity, no cohesion	ML	
		-				
	50	79.7	None	(2-3.5') SLAG GRAVEL, loose, gray, dry, no plasticity, no cohesion	GP	
		51.3		(3.5-4.5') SILT with fine grained SAND, soft, dark brown, dry, no plasticity, no cohesion	ML	
		1235		(4.5-5.3') SILT, stiff, pale brown to dark brown, dry, no plasticity, no cohesion	ML	Wet at 5.5' bgs
5		-		(5.3-6') SAND with GRAVEL, coarse grained, loose, black, wet, no plasticity, no cohesion	SP/GP	Heavy sheen with strong odor 5.5-6' bgs
		-		(6-6.5') CLAY, soft, gray, wet, high plasticity, cohesive	CH	
	86	-		(6.5-10') CLAY, hard, reddish yellow and gray, dry, high plasticity, cohesive	CH	
		-				
		-				
		-				
10		-		(10-12.5') SAND, medium grained, and GRAVEL, medium grained sand, loose, black, wet, no plasticity, no cohesion	SP/GP	Product and strong odor 10-12.5' bgs
		-				
	100	-		(12.5-15') CLAY, stiff grading to soft, moist grading to dry, gray to light brown, high plasticity, cohesive	CH	
		-				
15		-		End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066GGG-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Glumac
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Allied
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT

Date	: 03/9/17
Weather	: 60s, Sunny
Northing (US ft)	: 571648.06
Easting (US ft)	: 1459802.95

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	54	-	None	(0-3') SILT with fine grained SAND, soft, dark brown, dry, no plasticity, no cohesion	ML	Organics
		-				
		74.1				
		68.8		(3-4') SLAG GRAVEL to COBBLE-sized, loose, gray, dry, no plasticity, no cohesion	GP	
		5.0		(4-5.5') SAND with some SILT, fine grained, loose, pale brown to dark brown, dry, no plasticity, no cohesion	SP	
5		-				
	60	8.1		(5.5-15') CLAY, very soft grading to hard, black, reddish yellow, and pale brown, moist grading to dry, high plasticity, cohesive	CL	
		3.8				
		3.7				
10		-				
		-				
	100	-				
		-				
		-				
15		-				
		-		(15-19') CLAY grading to CLAY with SAND, very soft, gray, moist then wet at 18', high plasticity, cohesive	CL	
	100	-				Wet at 18' bgs
		-				
		-		(19-21.5') SAND, coarse grained, loose to medium dense, wet, no plasticity, no cohesion	SP	
20		-				
		-				
	100	-		(21.5-25') CLAY, very soft, gray, moist, high plasticity, cohesive	CL	
		-				
		-				
25				End of Boring		

Total Borehole Depth: 25' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066HHH-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Glumac
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Allied
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT

Date	: 03/9/17
Weather	: 60s, Sunny
Northing (US ft)	: 571645.14
Easting (US ft)	: 1459830.17

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	40	- - - 20.2 66.5	None	(0-3.5') SILT and SAND, medium grained, soft and very loose, dark brown, dry, no plasticity, no cohesion	ML/SP	
5				(3.5-6') SLAG GRAVEL, coarse grained, very loose, gray, dry, no plasticity, no cohesion	GP	Sewage-like odor 5-10' and 15-20' bgs
	60	- - 27.3 29.2 21.5		(6-9') SAND and GRAVEL, coarse grained, loose, black, dry, no plasticity, no cohesion	SP/GP	
10				(9-11') CLAY, very soft, black, moist, high plasticity, cohesive	CL	
	40	- - - - -		(11-14') SAND grading to SANDY CLAY, loose to soft, black, wet, no plasticity, no cohesion grading to low plasticity, cohesive	SP/CL	Wet at 12' bgs
				(14-15') CLAY, hard, gray, dry, high plasticity, cohesive	CL	
15				(15-16') SILT with SAND, very soft, black, wet, no plasticity, no cohesion	ML	
	90	- - - - -		(16-20') CLAY, soft grading to hard, black grading to very pale brown, moist grading to dry, high plasticity, cohesive	CL	
20				End of Boring		

Total Borehole Depth: 20' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066III-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Allied
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT
Date	: 03/10/17
Weather	: 40s, Rainy
Northing (US ft)	: 571635.63
Easting (US ft)	: 1459910.06

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-2.5') SANDY SILT, dense, brown and yellowish brown, dry, no plasticity, no cohesion	ML	
		0.3				
	72	0.3	None	(2.5-6.5') Non-native SAND and some GRAVEL with SLAG 2.7-3.3', medium dense to dense; brownish gray, brown, and dark brown; dry, no plasticity, no cohesion	SW/GP	
		0.2				
		0.1				
5		-				
		-				
	36	-		(6.5-9') SLAG and BRICK GRAVEL with SAND, medium dense, yellow and very dark brown, wet, no plasticity, no cohesion	GW/SW	Wet at 8.2' bgs
		0.2				
		0.2		(9-12') SILT, very soft, black with trace brown, wet, low plasticity, cohesive	ML	Strong odor 8-15' bgs
10		-				
		-				
	4	-		(12-15') SILTY GRAVEL, loose, black, wet, no plasticity, no cohesion	GM	
		-				
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066JJJ-SB

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Allied
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT
Date	: 03/10/17
Weather	: 40s, Rainy
Northing (US ft)	: 571611.63
Easting (US ft)	: 1459886.83

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	78	-	None	(0-1.5') SILT with SAND, dense, light brown, dry, low plasticity, cohesive	ML	Light organic matter
		1.2		(1.5-7') Non-native SAND with some GRAVEL grading to non-native SAND with SILT and some GRAVEL, medium dense, brown, no plasticity, no cohesion	SW/SM	
		17.0				
		19.4				
5		46.8				
	76	-				
		16.8				Wet at 7' bgs
		1.7		(7-14') SILT with trace GRAVEL, very soft, black and brown, dry then wet at 7', low plasticity, cohesive	ML	
		3.1				Trace product 8.5-14' bgs
		3.0				
10	60	-				Moderate odor 7-19' bgs
		-				
		2.8				
		2.9				
		2.1		(14-15') SANDY SILT, medium dense, grayish brown, wet, low plasticity, cohesive	ML	
15	100	-		(15-17.2') SILT with trace GRAVEL, very soft, black and brown, wet, low plasticity, cohesive	ML	
		-				
		-		(17.2-19') SANDY SILT, medium dense, grayish brown, wet, low plasticity, cohesive	ML	
		-				
		-		(19-20') CLAY, hard, reddish yellow and pale brown, moist, medium plasticity, cohesive	CL	
20				End of Boring		

Total Borehole Depth: 20' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066KKK-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Allied
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT

Date	: 03/10/17
Weather	: 30s, Rainy/Snow
Northing (US ft)	: 571473.35
Easting (US ft)	: 1459916.46

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-2') CONCRETE, loose, white, dry, no plasticity, no cohesion	N/A	
		-				
	66	7.1	None	(2-2.6') SILT with SAND, dense, brown, moist, low plasticity, cohesive	ML	
		42.1		(2.6-6') Non-native SAND with SLAG and BRICK GRAVEL, brown, yellow, and light gray, dry then moist 4.7-5', no plasticity, no cohesion	SW/GW	
		30.6				
5		-				
		5.0		(6-8.7') SILT, soft, dark brownish gray, very moist, low plasticity, cohesive	ML	
	70	9.2				
		4.6				
		8.2		(8.7-15') Non-native SAND with SLAG and BRICK GRAVEL, brown, yellow, and light gray, moist then wet at 10.5', no plasticity, no cohesion	SW/GW	Wet at 10.5' bgs
10		1.1				
		1.2				
	90	-				Slight odor 10-17' bgs
		227.9				
		538.3				
15		-		(15-17') SILTY GRAVEL, loose, very dark brown, wet, no plasticity, no cohesion	GM	
	100	-				
				End of Boring		

Total Borehole Depth: 17' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066LLL-SB

(page 1 of 1)

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Allied
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT

Date	: 03/10/17
Weather	: 30s, Rainy/Snow
Northing (US ft)	: 571456.91
Easting (US ft)	: 1459888.89

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	54	- - 35.2 9.0 0.0	None	(0-2.5') Non-native SAND with SLAG and BRICK GRAVEL, medium dense, brown, black, and gray, dry, no plasticity, no cohesion	SW/GW	
				(2.5-3.5') SANDY SILT, dense, black, dry, no plasticity, no cohesion	ML	
5	46	- - 25.1 2.9 4.0		(3.5-15') Non-native SAND with SLAG and BRICK GRAVEL, medium dense; brown, black, and gray with trace yellow; dry then wet at 13.3', no plasticity, no cohesion	SW/GW	
10	34	- - - 0.1 0.7				Wet at 13.3' bgs
15				(15-16.5') SILTY CLAY with GRAVEL, soft, dark gray, very moist, low plasticity, cohesive	CL	
	70	- 1.2 0.6 0.3		(16.5-19') SILTY CLAY with SAND and GRAVEL, soft, dark gray, very moist to wet, low plasticity, cohesive	CL	
20				End of Boring		

Total Borehole Depth: 19' bgs.

Boring terminated due to water, refusal, and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066MMM-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Allied
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT

Date	: 03/10/17
Weather	: 30s, Rainy/Snow/Sleet
Northing (US ft)	: 571442.35
Easting (US ft)	: 1459869.54

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-				
		-				
	64	4.4	None	(0-7.2') Non-native SAND with SLAG and BRICK GRAVEL, medium dense, light brown, yellow, and gray, dry, no plasticity, no cohesion	SW/GW	
		15.2				
		242.8				
5		-				
		-				
	56	1.8		(7.2-7.4') SILTY SAND, dense, strong brown and brown, dry, no plasticity, no cohesion	SM	
		0.4		(7.4-15') Non-native SANDY GRAVEL, dense to medium dense, light brown, gray, and yellow, wet, no plasticity, no cohesion		
		0.1				
10		-			SW/GW	Wet at 11' bgs
		-				
	80	-				
		-				
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066NNN-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Allied
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT

Date	: 03/21/17
Weather	: 50s, Cloudy
Northing (US ft)	: 571594.23
Easting (US ft)	: 1459720.15

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
	40	-	None	(0-4') SLAG and BRICK, SAND and GRAVEL-sized, medium dense, brown, yellow, and light gray, dry, no plasticity, no cohesion	SW/GW	
		-				
		14.8				
		0.0		(4-10') SILT grading to CLAYEY SILT, firm to hard, black grading to pale brown with reddish yellow mottling, low plasticity, cohesive	ML	
5		-				
	74	3.6				
		0.1				
		0.1				
		1.1				
10		0.2		(10-17') CLAY, hard to soft, reddish yellow with trace light gray mottling, moist to wet, medium plasticity, cohesive	CL	Wet at 10.5' bgs
	86	5.9				
		0.1				
		0.0				
		0.0				
15		0.1				
	100	0.0				
				End of Boring		

Total Borehole Depth: 17' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066OOO-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Allied
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT

Date	: 03/21/17
Weather	: 50s, Cloudy
Northing (US ft)	: 571573.96
Easting (US ft)	: 1459704.56

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0	60	-	None	(0-4') SLAG GRAVEL with SAND, dense, light gray and brown, dry, no plasticity, no cohesion	GW/SW	
		-				
		4.2				
		1.3				
		2.3		(4-5.5') SILT, hard, light brown and brown with moderate yellowish red staining on outside, dry, no plasticity, no cohesion	ML	Moderate oxidation 4-5' bgs
5	64	-		(5.5-8') SLAG GRAVEL with SAND, dense, light gray and brown with trace yellowish red staining, dry, no plasticity, no cohesion	GW/SW	
		15.4				
		1.1				
		0.1		(8-9.4') SILT, very soft to soft, very dark brown to black, wet, low plasticity, cohesive	ML	Wet at 8' bgs
		0.4		(9.4-11.5') CLAY, firm, very pale brown with reddish yellow mottling, moist, low plasticity to medium plasticity, cohesive	CL	
10	40	-				Strong organic odor 8-14' bgs
		-		(11.5-14.5') SILT with some GRAVEL, very soft to soft, very dark brown to black, wet, low plasticity, cohesive	ML	
		-				
		-				
		-		(14.5-15') CLAY, firm, very pale brown with reddish yellow mottling, moist, medium plasticity, cohesive	CL	
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066PPP-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Perrin
Checked by	: W. Mader, P.G., CPSS
Drilling Company	: Allied
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT

Date	: 03/21/17
Weather	: 50s, Cloudy
Northing (US ft)	: 571551.82
Easting (US ft)	: 1459697.28

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0						
		-		(0-2') SANDY SILT, soft, brown, moist, low plasticity, cohesive	ML	Light organic matter
		-				
	62	0.5	None	(2-3.8') SILTY SAND, fine to medium grained, medium dense, red, wet, no plasticity, no cohesion	SM	
		1.0				
		0.3		(3.8-6') Non-native SAND with some GRAVEL, dense, brown, very moist, no plasticity, no cohesion	SW/GW	
5		-				
		-		(6-9.1') SILT, soft, very dark greenish brown, wet, low plasticity, cohesive	ML	Wet at 7.2' bgs
	56	4.3				
		1.5				
		0.2		(9.1-13') SANDY SILT, soft, greenish brown, wet, low plasticity, cohesive	ML	Strong organic odor 7-9' bgs
10		-				
		-				
	60	-				
		-		(13-15') CLAY, soft, very pale brown with trace reddish yellow mottling, moist, low plasticity, cohesive	CL	
		-				
15				End of Boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066QQQ-SB

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Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Glumac
Checked by	: M. Replogle, E.I.T.
Drilling Company	: Allied Well Drilling
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT
Date	: 04/26/17
Weather	: 50s, Drizzle
Northing (US ft)	: 571668.68
Easting (US ft)	: 1459848.01

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-0.5') SAND with trace SILT, coarse, loose, brown, moist, no plasticity, no cohesion	SW	
		-		(0.5-4') GRAVEL, coarse, loose, gray, moist, no plasticity, no cohesion	GW	
	50	0.2	None			
		1.0				
		10.1		(4-5.5') SAND, medium to fine, brown grading to yellow, moist, no plasticity, no cohesion	SW	
5		-		(5.5-11') SLAG GRAVEL, loose, gray and black, moist, no plasticity, no cohesion	GW	
	50	-				
		5.9				
		2.5				
		6.2				
10		-		(11-12.6') SAND, fine, dense, gray to brown, moist, no plasticity, no cohesion	SP	
		-				
	70	-		(12.6-13') SLAG GRAVEL, loose, gray and black, moist, no plasticity, no cohesion	GW	Wet at 13' bgs
		-		(13-19.5') SLAG, loose, black, wet, no plasticity, no cohesion	GW	Sheen and light product from 13-15' bgs and 18-20' bgs
		-				
15		-				
		-				
	60	-				
		-				
		-				
20				(19.5-20') CLAY, very soft, black and gray, wet, medium plasticity, cohesive	CL	
				End of boring		

Total Borehole Depth: 20' bgs.

Boring terminated due to water and piezometer installation.

ARM Group LLC
Engineers and Scientists

Boring ID: B6-066RRR-SB

Client	: EnviroAnalytics Group
ARM Project No.	: 150300M-5-3
Project Description	: Sparrows Point - Parcel B6
Site Location	: Sparrows Point, MD
ARM Representative	: L. Glumac
Checked by	: M. Replogle, E.I.T.
Drilling Company	: Allied Well Drilling
Driller	: Rick Miller
Drilling Equipment	: Geoprobe 7822DT
Date	: 04/26/17
Weather	: 50s, Overcast
Northing (US ft)	: 571662.00
Easting (US ft)	: 1459823.79

Depth (ft.)	% Recovery	PID Reading (PPM)	Sample No/Interval	DESCRIPTION	USCS	REMARKS
0		-		(0-0.5') SANDY SILT with GRAVEL, coarse, loose, dark brown, dry, no plasticity, no cohesion	SM	
		-		(0.5-1.5') SLAG, GRAVEL and SAND - sized, loose, gray, moist, no plasticity, no cohesion	GW	
	50	0.3	None	(1.5-4.5') SAND with GRAVEL, coarse, loose, reddish brown, moist, no plasticity, no cohesion	GW	
		15.3				
		0.9				
5		-		(4.5-6') SAND, very coarse, loose, gray and light brown, moist, no plasticity, no cohesion	SW	
		-		(6-11') SLAG, coarse then fine at 10' bgs, medium then very dense from 8.5-9' bgs, black, wet, no plasticity, no cohesion	GW	Wet at 7' bgs
	60	0.0				
		0.0				
		0.0				
10		-				
		-		(11-15') CLAY, very hard then soft at 13' bgs, light gray and reddish yellow, moist, medium plasticity, cohesive	CL	Heavy sheen and strong odor 11-15' bgs
	100	-				
		-				
		-				
15				End of boring		

Total Borehole Depth: 15' bgs.

Boring terminated due to water and piezometer installation.

ATTACHMENT 2

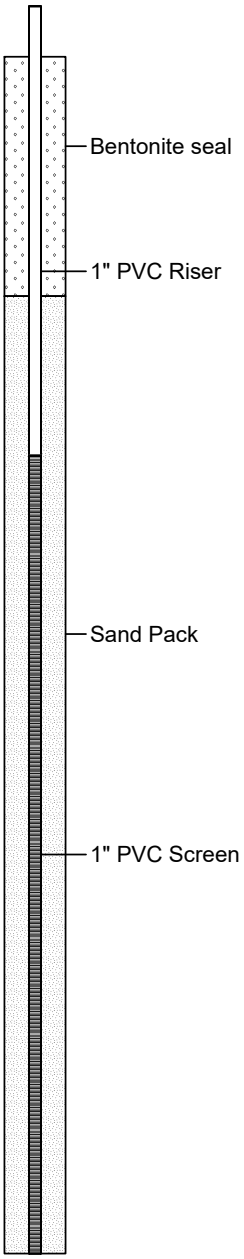
ARM Group LLC
Engineers and Scientists

Client: EnviroAnalytics Group
Site: Sparrows Point - Area B Parcel B6
Sparrows Point, MD
ARM Project No.: 150300M-5
Page 1 of 1

TYPICAL LOG OF TEMPORARY NAPL DELINEATION PIEZOMETER

Installed in the Vicinity of B6-066-PZ

Depth in Feet	Surf. Elev.	DESCRIPTION
0		Riser Type: PVC Riser Diameter: 1" Riser Stickup: 3' Riser Amount: 5'
3		Screen Type: PVC Screen Diameter: 1" Screen Amount: 10' Slot Size: 0.010"
6		Sand Pack: Top: 3' bgs Bottom: 15' bgs Grain Size: WG #2
10		Bentonite Seal: Top: 0' (surface) Bottom: 3' bgs Grain Size: 3/8" chips/granular (30-50 mesh)
15		



Total Depth: 15'
Borehole Diameter: 2.25"
Driller: Allied Drilling Co.
Drilling Method: 7822DT Geoprobe

ATTACHMENT 3

Well/Piezometer Abandonment Form

Well/Piezometer ID: B6-066H-PZ

General Project Information:

Client: EAG

Site Location: Sparrows Point, MD

Parcel ID: B6

Abandonment Date: 11/28/17 and 11/29/17

Abandonment Contractor: Allied

Abandonment Method (circle appropriate):

1. PVC → (Pulled) / Split / Perforated / Left-In-Place
2. Abandoned → (Grout) / Bentonite Chips

Field Equipment: Geoprobe/Grout machine (95% Portland/5% Bentonite)

ARM Representative(s): L. Perrin

Well Diameter: 1"

Depth to Bottom (TOC)	Final Gauging Prior to Abandonment:
Reported (historical/log): 16.96'	Depth to Water (TOC): 10.32'
Measured: 16.23'	Depth to NAPL (TOC): No DNAPL/LNAPL

Please note if this abandonment is for a known NAPL delineation/monitoring area or individual NAPL screening piezometer and identify the name of the delineation area (e.g., B6-066 NAPL Area or B5-144 Screening Piezometer): B6-066 NAPL

Please Note: If NAPL is identified in a piezometer, the Project Manager should be notified and the piezometer may not be abandoned unless the presence of NAPL is already known and a decision has been made to abandon the NAPL monitoring network.

Additional Comments (if any):

ARM Group LLC
Engineers and Scientists
9175 Guilford Road - Suite 310
Columbia, Maryland 21046
(410) 290-7775 FAX: (410) 290-7775

Well/Piezometer Abandonment Form

Well/Piezometer ID: B6-066AA-PZ

General Project Information:

Client: EAG

Site Location: Sparrows Point, MD

Parcel ID: B6

Abandonment Date: 11/29/17

Abandonment Contractor: Allied

Abandonment Method (circle appropriate):

1. PVC → (Pulled) / Split / Perforated / Left-In-Place
2. Abandoned → (Grout) / Bentonite Chips

Field Equipment: Geoprobe/Grout machine (95% Portland/5% Bentonite)

ARM Representative(s): L. Perrin

Well Diameter: 1"

Depth to Bottom (TOC)	Final Gauging Prior to Abandonment:
Reported (historical/log): 17.88'	Depth to Water (TOC): 8.40'
Measured: 17.32'	Depth to NAPL (TOC): No DNAPL/LNAPL

Please note if this abandonment is for a known NAPL delineation/monitoring area or individual NAPL screening piezometer and identify the name of the delineation area (e.g., B6-066 NAPL Area or B5-144 Screening Piezometer): B6-066 NAPL

Please Note: If NAPL is identified in a piezometer, the Project Manager should be notified and the piezometer may not be abandoned unless the presence of NAPL is already known and a decision has been made to abandon the NAPL monitoring network.

Additional Comments (if any):

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Engineers and Scientists
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Columbia, Maryland 21046
(410) 290-7775 FAX: (410) 290-7775

Well/Piezometer Abandonment Form

Well/Piezometer ID: B6-066BB-PZ

General Project Information:

Client: EAG

Site Location: Sparrows Point, MD

Parcel ID: B6

Abandonment Date: 11/29/17

Abandonment Contractor: Allied

Abandonment Method (circle appropriate):

1. PVC → (Pulled) / Split / Perforated / Left-In-Place
2. Abandoned → (Grout) / Bentonite Chips

Field Equipment: Geoprobe/Grout machine (95% Portland/5% Bentonite)

ARM Representative(s): L. Perrin

Well Diameter: 1"

Depth to Bottom (TOC)	Final Gauging Prior to Abandonment:
Reported (historical/log): 18.22'	Depth to Water (TOC): 11.84'
Measured: 17.25'	Depth to NAPL (TOC): No DNAPL/LNAPL

Please note if this abandonment is for a known NAPL delineation/monitoring area or individual NAPL screening piezometer and identify the name of the delineation area (e.g., B6-066 NAPL Area or B5-144 Screening Piezometer): B6-066 NAPL

Please Note: If NAPL is identified in a piezometer, the Project Manager should be notified and the piezometer may not be abandoned unless the presence of NAPL is already known and a decision has been made to abandon the NAPL monitoring network.

Additional Comments (if any):

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Columbia, Maryland 21046
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Well/Piezometer Abandonment Form

Well/Piezometer ID: B6-066CC-PZ

General Project Information:

Client: EAG

Site Location: Sparrows Point, MD

Parcel ID: B6

Abandonment Date: 11/29/17

Abandonment Contractor: Allied

Abandonment Method (circle appropriate):

1. PVC → (Pulled) / Split / Perforated / Left-In-Place
2. Abandoned → (Grout) / Bentonite Chips

Field Equipment: Geoprobe/Grout machine (95% Portland/5% Bentonite)

ARM Representative(s): L. Perrin

Well Diameter: 1"

Depth to Bottom (TOC)	Final Gauging Prior to Abandonment:
Reported (historical/log): 17.61'	Depth to Water (TOC): 10.85'
Measured: 17.53'	Depth to NAPL (TOC): No DNAPL/LNAPL

Please note if this abandonment is for a known NAPL delineation/monitoring area or individual NAPL screening piezometer and identify the name of the delineation area (e.g., B6-066 NAPL Area or B5-144 Screening Piezometer): B6-066 NAPL

Please Note: If NAPL is identified in a piezometer, the Project Manager should be notified and the piezometer may not be abandoned unless the presence of NAPL is already known and a decision has been made to abandon the NAPL monitoring network.

Additional Comments (if any):

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Engineers and Scientists
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Columbia, Maryland 21046
(410) 290-7775 FAX: (410) 290-7775

Well/Piezometer Abandonment Form

Well/Piezometer ID: B6-066DD-PZ

General Project Information:

Client: EAG

Site Location: Sparrows Point, MD

Parcel ID: B6

Abandonment Date: 11/29/17

Abandonment Contractor: Allied

Abandonment Method (circle appropriate):

1. PVC → (Pulled) / Split / Perforated / Left-In-Place
2. Abandoned → (Grout) / Bentonite Chips

Field Equipment: Geoprobe/Grout machine (95% Portland/5% Bentonite)

ARM Representative(s): L. Perrin

Well Diameter: 1"

Depth to Bottom (TOC)	Final Gauging Prior to Abandonment:
Reported (historical/log): 17.98'	Depth to Water (TOC): 13.01'
Measured: 17.96'	Depth to NAPL (TOC): No DNAPL/LNAPL

Please note if this abandonment is for a known NAPL delineation/monitoring area or individual NAPL screening piezometer and identify the name of the delineation area (e.g., B6-066 NAPL Area or B5-144 Screening Piezometer): B6-066 NAPL

Please Note: If NAPL is identified in a piezometer, the Project Manager should be notified and the piezometer may not be abandoned unless the presence of NAPL is already known and a decision has been made to abandon the NAPL monitoring network.

Additional Comments (if any):

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Well/Piezometer Abandonment Form

Well/Piezometer ID: B6-066EE-PZ

General Project Information:

Client: EAG

Site Location: Sparrows Point, MD

Parcel ID: B6

Abandonment Date: 11/29/17

Abandonment Contractor: Allied

Abandonment Method (circle appropriate):

1. PVC → (Pulled) / Split / Perforated / Left-In-Place
2. Abandoned → (Grout) / Bentonite Chips

Field Equipment: Geoprobe/Grout machine (95% Portland/5% Bentonite)

ARM Representative(s): L. Perrin

Well Diameter: 1"

Depth to Bottom (TOC)	Final Gauging Prior to Abandonment:
Reported (historical/log): 18.10'	Depth to Water (TOC): 8.88'
Measured: 17.45'	Depth to NAPL (TOC): No DNAPL/LNAPL

Please note if this abandonment is for a known NAPL delineation/monitoring area or individual NAPL screening piezometer and identify the name of the delineation area (e.g., B6-066 NAPL Area or B5-144 Screening Piezometer): B6-066 NAPL

Please Note: If NAPL is identified in a piezometer, the Project Manager should be notified and the piezometer may not be abandoned unless the presence of NAPL is already known and a decision has been made to abandon the NAPL monitoring network.

Additional Comments (if any):

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Engineers and Scientists
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Well/Piezometer Abandonment Form

Well/Piezometer ID: B6-066GG-PZ

General Project Information:

Client: EAG

Site Location: Sparrows Point, MD

Parcel ID: B6

Abandonment Date: 11/29/17

Abandonment Contractor: Allied

Abandonment Method (circle appropriate):

1. PVC → (Pulled) / Split / Perforated / Left-In-Place
2. Abandoned → (Grout) / Bentonite Chips

Field Equipment: Geoprobe/Grout machine (95% Portland/5% Bentonite)

ARM Representative(s): L. Perrin

Well Diameter: 1"

Depth to Bottom (TOC)	Final Gauging Prior to Abandonment:
Reported (historical/log): 17.90'	Depth to Water (TOC): 12.04'
Measured: 17.91'	Depth to NAPL (TOC): No DNAPL/LNAPL

Please note if this abandonment is for a known NAPL delineation/monitoring area or individual NAPL screening piezometer and identify the name of the delineation area (e.g., B6-066 NAPL Area or B5-144 Screening Piezometer): B6-066 NAPL

Please Note: If NAPL is identified in a piezometer, the Project Manager should be notified and the piezometer may not be abandoned unless the presence of NAPL is already known and a decision has been made to abandon the NAPL monitoring network.

Additional Comments (if any):

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Engineers and Scientists
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Columbia, Maryland 21046
(410) 290-7775 FAX: (410) 290-7775

Well/Piezometer Abandonment Form

Well/Piezometer ID: B6-066HH-PZ

General Project Information:

Client: EAG

Site Location: Sparrows Point, MD

Parcel ID: B6

Abandonment Date: 11/29/17

Abandonment Contractor: Allied

Abandonment Method (circle appropriate):

1. PVC → (Pulled) / Split / Perforated / Left-In-Place
2. Abandoned → (Grout) / Bentonite Chips

Field Equipment: Geoprobe/Grout machine (95% Portland/5% Bentonite)

ARM Representative(s): L. Perrin

Well Diameter: 1"

Depth to Bottom (TOC)	Final Gauging Prior to Abandonment:
Reported (historical/log): 17.08'	Depth to Water (TOC): 12.14'
Measured: 17.03'	Depth to NAPL (TOC): No DNAPL/LNAPL

Please note if this abandonment is for a known NAPL delineation/monitoring area or individual NAPL screening piezometer and identify the name of the delineation area (e.g., B6-066 NAPL Area or B5-144 Screening Piezometer): B6-066 NAPL

Please Note: If NAPL is identified in a piezometer, the Project Manager should be notified and the piezometer may not be abandoned unless the presence of NAPL is already known and a decision has been made to abandon the NAPL monitoring network.

Additional Comments (if any):

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Well/Piezometer Abandonment Form

Well/Piezometer ID: B6-066II-PZ

General Project Information:

Client: EAG

Site Location: Sparrows Point, MD

Parcel ID: B6

Abandonment Date: 11/29/17

Abandonment Contractor: Allied

Abandonment Method (circle appropriate):

1. PVC → (Pulled) / Split / Perforated / Left-In-Place
2. Abandoned → (Grout) / Bentonite Chips

Field Equipment: Geoprobe/Grout machine (95% Portland/5% Bentonite)

ARM Representative(s): L. Perrin

Well Diameter: 1"

Depth to Bottom (TOC)	Final Gauging Prior to Abandonment:
Reported (historical/log): 18.25'	Depth to Water (TOC): 8.55'
Measured: 17.90'	Depth to NAPL (TOC): No DNAPL/LNAPL

Please note if this abandonment is for a known NAPL delineation/monitoring area or individual NAPL screening piezometer and identify the name of the delineation area (e.g., B6-066 NAPL Area or B5-144 Screening Piezometer): B6-066 NAPL

Please Note: If NAPL is identified in a piezometer, the Project Manager should be notified and the piezometer may not be abandoned unless the presence of NAPL is already known and a decision has been made to abandon the NAPL monitoring network.

Additional Comments (if any):

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Engineers and Scientists
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Well/Piezometer Abandonment Form

Well/Piezometer ID: B6-066EEE-PZ

General Project Information:

Client: EAG

Site Location: Sparrows Point, MD

Parcel ID: B6

Abandonment Date: 11/29/17

Abandonment Contractor: Allied

Abandonment Method (circle appropriate):

1. PVC – (Pulled) / Split / Perforated / Left-In-Place
2. Abandoned – (Grout) / Bentonite Chips

Field Equipment: Geoprobe/Grout machine (95% Portland/5% Bentonite)

ARM Representative(s): L. Perrin

Well Diameter: 1"

Depth to Bottom (TOC)	Final Gauging Prior to Abandonment:
Reported (historical/log): 17.01'	Depth to Water (TOC): 7.37'
Measured: 17.04'	Depth to NAPL (TOC): No DNAPL/LNAPL

Please note if this abandonment is for a known NAPL delineation/monitoring area or individual NAPL screening piezometer and identify the name of the delineation area (e.g., B6-066 NAPL Area or B5-144 Screening Piezometer): B6-066 NAPL

Please Note: If NAPL is identified in a piezometer, the Project Manager should be notified and the piezometer may not be abandoned unless the presence of NAPL is already known and a decision has been made to abandon the NAPL monitoring network.

Additional Comments (if any):

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Well/Piezometer Abandonment Form

Well/Piezometer ID: B6-066III-PZ

General Project Information:

Client: EAG

Site Location: Sparrows Point, MD

Parcel ID: B6

Abandonment Date: 11/29/17

Abandonment Contractor: Allied

Abandonment Method (circle appropriate):

1. PVC → Pulled / Split / Perforated / (Left-In-Place)
2. Abandoned – (Grout) / Bentonite Chips

Field Equipment: Geoprobe/Grout machine (95% Portland/5% Bentonite)

ARM Representative(s): L. Perrin

Well Diameter: 1"

Depth to Bottom (TOC)	Final Gauging Prior to Abandonment:
Reported (historical/log): 19.21'	Depth to Water (TOC): 8.77'
Measured: 18.19'	Depth to NAPL (TOC): No DNAPL/LNAPL

Please note if this abandonment is for a known NAPL delineation/monitoring area or individual NAPL screening piezometer and identify the name of the delineation area (e.g., B6-066 NAPL Area or B5-144 Screening Piezometer): B6-066 NAPL

Please Note: If NAPL is identified in a piezometer, the Project Manager should be notified and the piezometer may not be abandoned unless the presence of NAPL is already known and a decision has been made to abandon the NAPL monitoring network.

Additional Comments (if any):

Large pallets blocking access

Left in place per approval by E. Magdar

ARM Group LLC
Engineers and Scientists
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Well/Piezometer Abandonment Form

Well/Piezometer ID: B6-066KKK-PZ

General Project Information:

Client: EAG

Site Location: Sparrows Point, MD

Parcel ID: B6

Abandonment Date: 11/29/17

Abandonment Contractor: Allied

Abandonment Method (circle appropriate):

1. PVC → (Pulled) / Split / Perforated / Left-In-Place
2. Abandoned → (Grout) / Bentonite Chips

Field Equipment: Geoprobe/Grout machine (95% Portland/5% Bentonite)

ARM Representative(s): L. Perrin

Well Diameter: 1"

Depth to Bottom (TOC)	Final Gauging Prior to Abandonment:
Reported (historical/log): 20.05'	Depth to Water (TOC): 13.60'
Measured: 18.86'	Depth to NAPL (TOC): No DNAPL/LNAPL

Please note if this abandonment is for a known NAPL delineation/monitoring area or individual NAPL screening piezometer and identify the name of the delineation area (e.g., B6-066 NAPL Area or B5-144 Screening Piezometer): B6-066 NAPL

Please Note: If NAPL is identified in a piezometer, the Project Manager should be notified and the piezometer may not be abandoned unless the presence of NAPL is already known and a decision has been made to abandon the NAPL monitoring network.

Additional Comments (if any):

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Engineers and Scientists
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Well/Piezometer Abandonment Form

Well/Piezometer ID: B6-066LLL-PZ

General Project Information:

Client: EAG

Site Location: Sparrows Point, MD

Parcel ID: B6

Abandonment Date: 11/29/17

Abandonment Contractor: Allied

Abandonment Method (circle appropriate):

1. PVC → (Pulled) / Split / Perforated / Left-In-Place
2. Abandoned → (Grout) / Bentonite Chips

Field Equipment: Geoprobe/Grout machine (95% Portland/5% Bentonite)

ARM Representative(s): L. Perrin

Well Diameter: 1"

Depth to Bottom (TOC)	Final Gauging Prior to Abandonment:
Reported (historical/log): 21.73'	Depth to Water (TOC): 12.73'
Measured: 21.43'	Depth to NAPL (TOC): No DNAPL/LNAPL

Please note if this abandonment is for a known NAPL delineation/monitoring area or individual NAPL screening piezometer and identify the name of the delineation area (e.g., B6-066 NAPL Area or B5-144 Screening Piezometer): B6-066 NAPL

Please Note: If NAPL is identified in a piezometer, the Project Manager should be notified and the piezometer may not be abandoned unless the presence of NAPL is already known and a decision has been made to abandon the NAPL monitoring network.

Additional Comments (if any):

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Columbia, Maryland 21046
(410) 290-7775 FAX: (410) 290-7775

Well/Piezometer Abandonment Form

Well/Piezometer ID: B6-066PPP-PZ

General Project Information:

Client: EAG

Site Location: Sparrows Point, MD

Parcel ID: B6

Abandonment Date: 11/29/17

Abandonment Contractor: Allied

Abandonment Method (circle appropriate):

1. PVC → (Pulled) / Split / Perforated / Left-In-Place
2. Abandoned → (Grout) / Bentonite Chips

Field Equipment: Geoprobe/Grout machine (95% Portland/5% Bentonite)

ARM Representative(s): L. Perrin

Well Diameter: 1"

Depth to Bottom (TOC)	Final Gauging Prior to Abandonment:
Reported (historical/log): 18.13'	Depth to Water (TOC): 7.10'
Measured: 7.06'	Depth to NAPL (TOC): No DNAPL/LNAPL

Please note if this abandonment is for a known NAPL delineation/monitoring area or individual NAPL screening piezometer and identify the name of the delineation area (e.g., B6-066 NAPL Area or B5-144 Screening Piezometer): B6-066 NAPL

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Additional Comments (if any):

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Engineers and Scientists
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Columbia, Maryland 21046
(410) 290-7775 FAX: (410) 290-7775

Well/Piezometer Abandonment Form

Well/Piezometer ID: B6-066RRR-PZ

General Project Information:

Client: EAG

Site Location: Sparrows Point, MD

Parcel ID: B6

Abandonment Date: 11/29/17

Abandonment Contractor: Allied

Abandonment Method (circle appropriate):

1. PVC – (Pulled) / Split / Perforated / Left-In-Place
2. Abandoned – (Grout) / Bentonite Chips

Field Equipment: Geoprobe/Grout machine (95% Portland/5% Bentonite)

ARM Representative(s): L. Perrin

Well Diameter: 1"

Depth to Bottom (TOC)	Final Gauging Prior to Abandonment:
Reported (historical/log): 17.21'	Depth to Water (TOC): 8.03'
Measured: 16.72'	Depth to NAPL (TOC): No DNAPL/LNAPL

Please note if this abandonment is for a known NAPL delineation/monitoring area or individual NAPL screening piezometer and identify the name of the delineation area (e.g., B6-066 NAPL Area or B5-144 Screening Piezometer): B6-066 NAPL

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Additional Comments (if any):

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