



August 11, 2017

Ms. Susan Bull & Mr. Jim Richmond
Maryland Department of the Environment
Oil Control Program
1800 Washington Boulevard
Baltimore, Maryland 21230

**RE: Site Information Update & Groundwater Sampling Reduction Request
Former Shell Service Station #137675
15541 New Hampshire Avenue, Silver Spring, MD
MDE Case # 03-0695MO1**

Dear Ms. Bull & Mr. Richmond,

On behalf of Motiva Enterprises, LLC (Motiva), Sovereign Consulting Inc. (Sovereign) is pleased to present the Maryland Department of the Environment (MDE) with the information requested during the April 10, 2017 meeting regarding the above-referenced site, former Shell Service Station #137675 located at 15541 New Hampshire Avenue in Silver Spring, MD. This letter report has been prepared to identify the current owner/operator of the former Shell Service Station #137675, provide updated GSI Mann-Kendall sheets for constituent trend analysis, summarize recent site activities conducted to analyze the effectiveness of the site's groundwater recovery system, and to request a reduction in upgradient sampling requirements established for the site. **Figures 1 and 2** present a Site Location Map and a Site Map, respectively.

Property Owner Information

The site currently operates as a CITGO-branded retail petroleum service station with an onsite auto repair shop. Current property ownership details were obtained using the Maryland Department of Assessments & Taxation's SDAT online application. A copy of the property card is included as **Attachment A**. The current owner of the property is identified as:

Draper Properties Inc.
2359 Research Court
Woodbridge VA, 22192

GSI Mann-Kendall Analysis

Constituent trend analysis was performed using GSI Mann-Kendall data sheets for all site wells with dissolved-phase contamination exceeding the MDE's Groundwater Cleanup Standards. Analysis was performed for total BTEX, MTBE, and TBA. The data analysis sheets are provided in **Attachment B** and reflect the most up-to-date site data collected in May 2017. Overall, the analysis indicates a generally decreasing contaminant concentration trend.

Groundwater Recovery System

On May 3, 2017, Sovereign initiated a capture zone test at the site in order to observe the influence of the offsite groundwater recovery system on the surrounding groundwater. Static groundwater conditions were present at the time due to a temporary shutdown of the system during maintenance repairs. Before the system was restarted, all accessible site wells were gauged and data loggers were placed in seven (7) site wells (MW-6D, MW-8D, MW-14D, MW-15D, MW-16D, MW-17D, and MW-26D) to monitor the water level in each well for the duration of the test. The recovery system was then restarted and an investigation of the system’s capture zone was completed over the course of seven (7) days. The data loggers were programmed to record water level measurements every five (5) minutes during this testing period. Manual gauging was also completed at the site on May 4, and May 10, 2017.

The hydrograph results of the data logger capture zone test are presented in **Attachment C**; the hydrographs depict groundwater levels and groundwater drawdown over time. Drawdown between 0.5 and 5.75 feet was observed and the levels were generally stable throughout the seven day testing period. The gauging data was utilized to generate shallow zone, deep zone, and bedrock zone groundwater contour maps presented as **Figures 3 through 11**. These contour maps show the system’s hydraulic influence on groundwater present in the shallow and deep zones. However, a review of the bedrock zone contours revealed little difference between static conditions and pumping conditions.

The graphs and contour maps indicate that the recovery system does have an influence on local groundwater. However, the effect of the pumping varies depending on the proximity to the recovery wells. There is also little to no capture zone observed for groundwater located in the bedrock zone. Gauging data from the May 2017 gauging events is presented in **Table 1** and shallow, deep and bedrock groundwater contour maps for each event are included as **Figures 3 through 11**.

Reduced Sampling Request

On behalf of Motiva, Sovereign is requesting to cease the gauging and sampling of onsite monitoring wells MW-02, MW-04, RW-01 and RW-03. The site is currently on a MDE-approved modified quarterly sampling schedule. Overall, the concentration of contaminants present within these onsite wells is decreasing and/or below the MDE’s Groundwater Cleanup Standards. Groundwater concentration graphs for Total BTEX, MTBE, and TBA for these wells are included as **Attachment D**. Groundwater analytical results are presented in **Table 2**.

Constituent trend analysis performed using the GSI Mann-Kendall tool report either decreasing or no trends for onsite wells. A summary of the findings is presented below:

Well	Parameter	Decreasing	No Trend
MW-02	MTBE	X, non-detect	
MW-04	MTBE	X, below standard	
	TBA		X, non-detect
RW-01	Total BTEX	X, non-detect	
RW-03	Total BTEX		X, below standard
	MTBE	X, below standard	
	TBA	X, below standard	

**Trend analysis was only performed for parameters historically reported above the MDE’s standards at each well.*

Based on current groundwater sampling analytical results, aside from residual impacts to onsite recovery well RW-10, the plume is detached from the site and is following the direction of local groundwater flow. Based on

this information, continued monitoring of the above-listed onsite wells will not provide information beneficial for evaluating the status of the offsite remedial efforts.

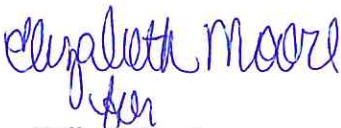
Conclusion

Sovereign has provided the current owner/operator information and updated GSI Mann-Kendall analysis sheets for the site. Capture zone testing was conducted between May 4 and May 10, 2017 and indicates that the site recovery system does influence the surrounding groundwater, however, the strength of this capture zone varies based on proximity to the recovery wells and the depth of groundwater.

Additionally, based on decreasing contaminant trends or non-detect/below standard concentrations Sovereign proposes to discontinue sampling of onsite monitoring and recovery wells MW-02, MW-04, RW-01 and RW-03.

If you have any questions regarding this Site Information & Groundwater Sampling Reduction Request or require additional information, please contact Ms. Annette Dokken of Motiva at 561-433-2052, or Ms. Natalie Percello of Sovereign at 202-506-7386.

Sincerely,
Sovereign Consulting Inc.



Kelly B. Hewton
Field Engineer



Natalie R. Percello
Project Manager

CC: Ms. Annette Dokken, Motiva Enterprises, LLC

Figures:

- Figure 1 – Site Location Map
- Figure 2 – Site Map
- Figure 3 – Groundwater Contour Map (Shallow): May 3, 2017
- Figure 4 – Groundwater Contour Map (Shallow): May 4, 2017
- Figure 5 – Groundwater Contour Map (Shallow): May 10, 2017
- Figure 6 – Groundwater Contour Map (Deep): May 3, 2017
- Figure 7 – Groundwater Contour Map (Deep): May 4, 2017
- Figure 8 – Groundwater Contour Map (Deep): May 10, 2017
- Figure 9 – Groundwater Contour Map (Bedrock): May 3, 2017
- Figure 10 – Groundwater Contour Map (Bedrock): May 4, 2017
- Figure 11 – Groundwater Contour Map (Bedrock): May 10, 2017

Tables:

Table 1 – Groundwater Gauging Summary

Table 2 – Groundwater Analytical Results Summary

Attachments:

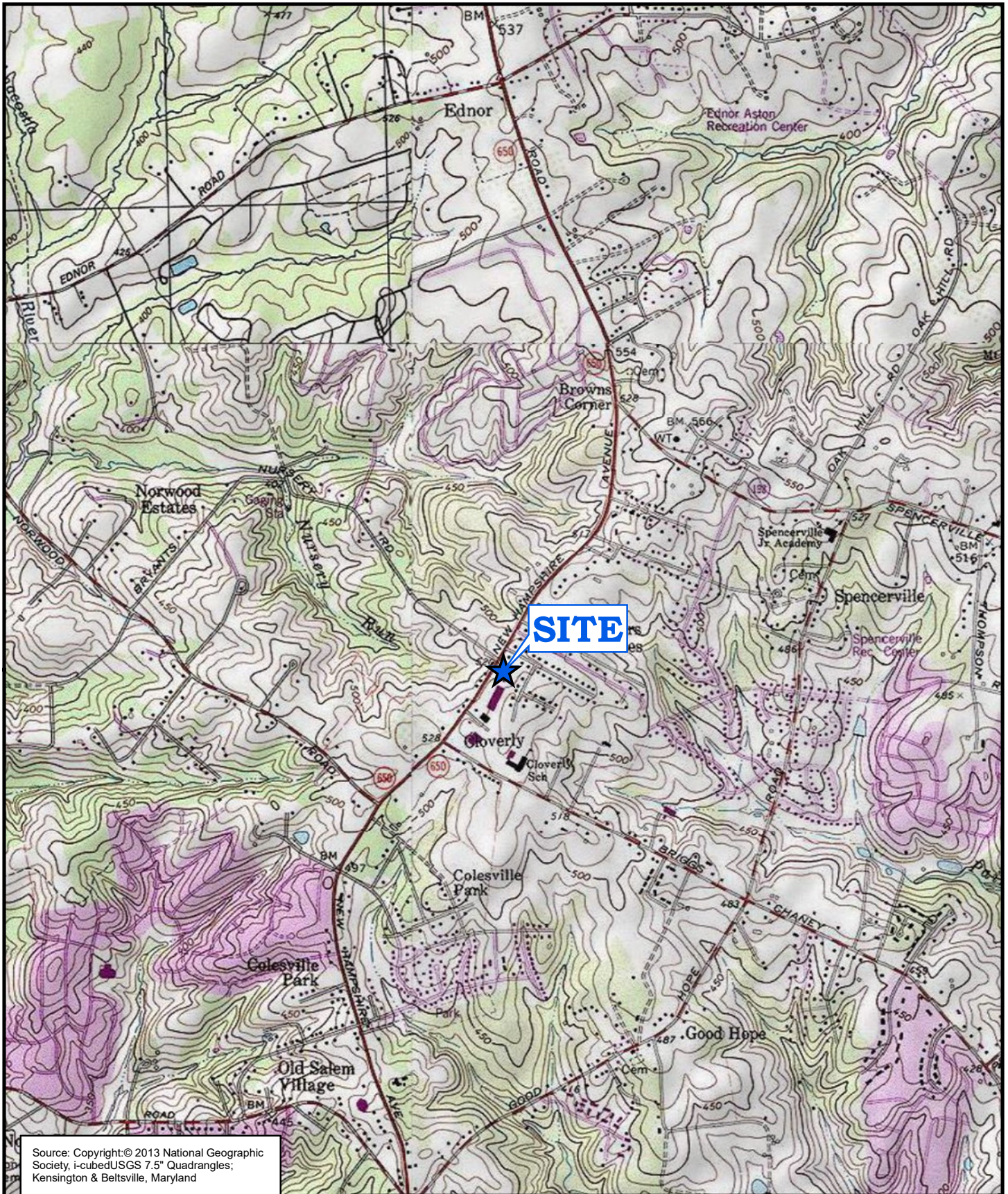
Attachment A – Site Property Card

Attachment B – Mann-Kendall Statistical Analysis

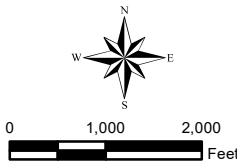
Attachment C – Drawdown Testing Hydrographs

Attachment D – Groundwater Concentration Graphs

Figures



Source: Copyright:© 2013 National Geographic Society, i-cubed USGS 7.5" Quadrangles; Kensington & Beltsville, Maryland



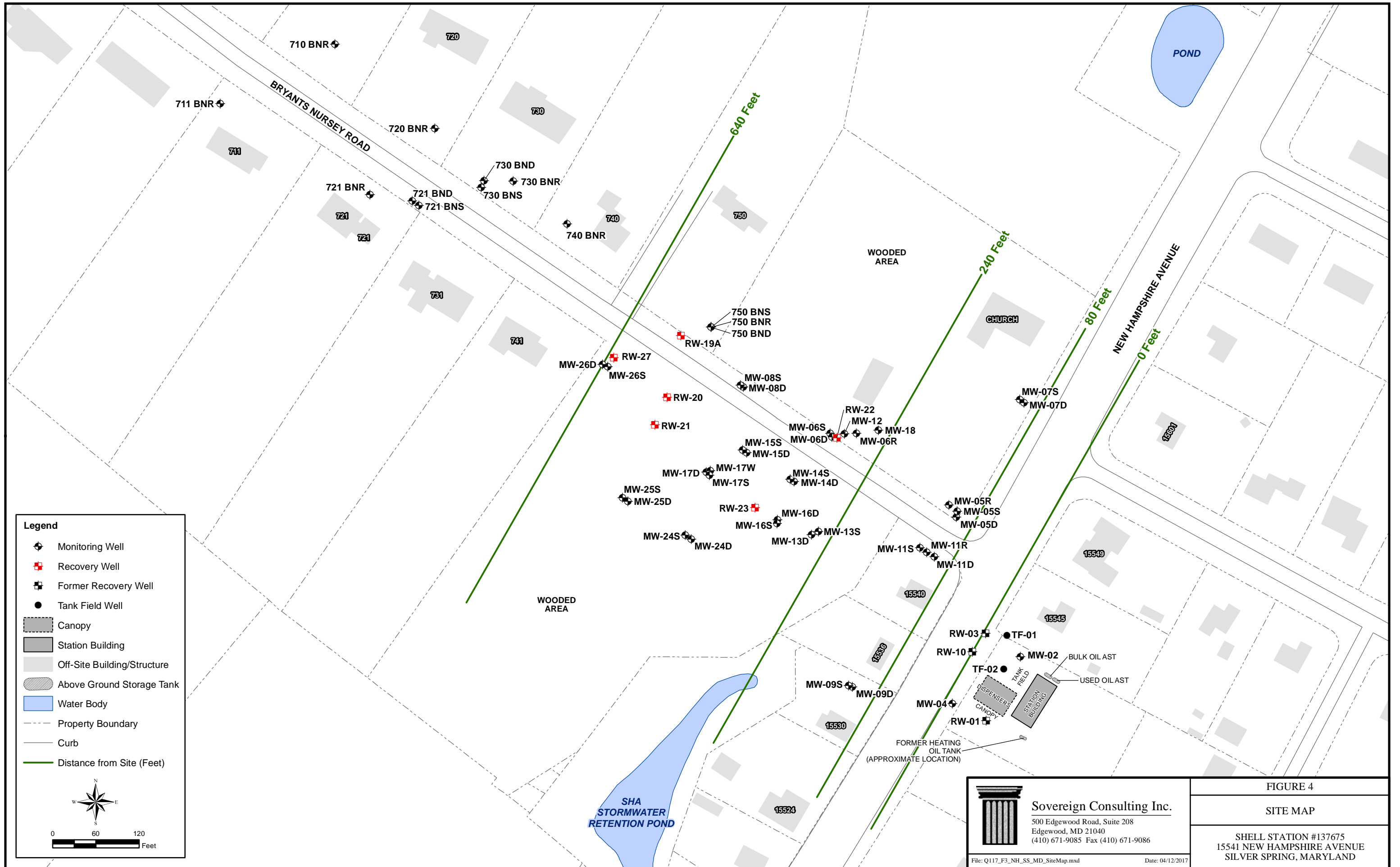
Sovereign Consulting Inc.

500 Edgewood Road, Suite 208
 Edgewood, MD 21040
 (410) 671-9085 Fax (410) 671-9086

FIGURE 1

SITE LOCATION MAP

SHELL STATION #137675
 15541 NEW HAMPSHIRE AVENUE
 SILVER SPRING, MARYLAND



Legend

- Monitoring Well
- Recovery Well
- Former Recovery Well
- Tank Field Well
- Canopy
- Station Building
- Off-Site Building/Structure
- Above Ground Storage Tank
- Water Body
- Property Boundary
- Curb
- Distance from Site (Feet)

Sovereign Consulting Inc.
 500 Edgewood Road, Suite 208
 Edgewood, MD 21040
 (410) 671-9085 Fax (410) 671-9086

File: Q117_F3_NH_SS_MD_SiteMap.mxd Date: 04/12/2017

FIGURE 4
SITE MAP
 SHELL STATION #137675
 15541 NEW HAMPSHIRE AVENUE
 SILVER SPRING, MARYLAND

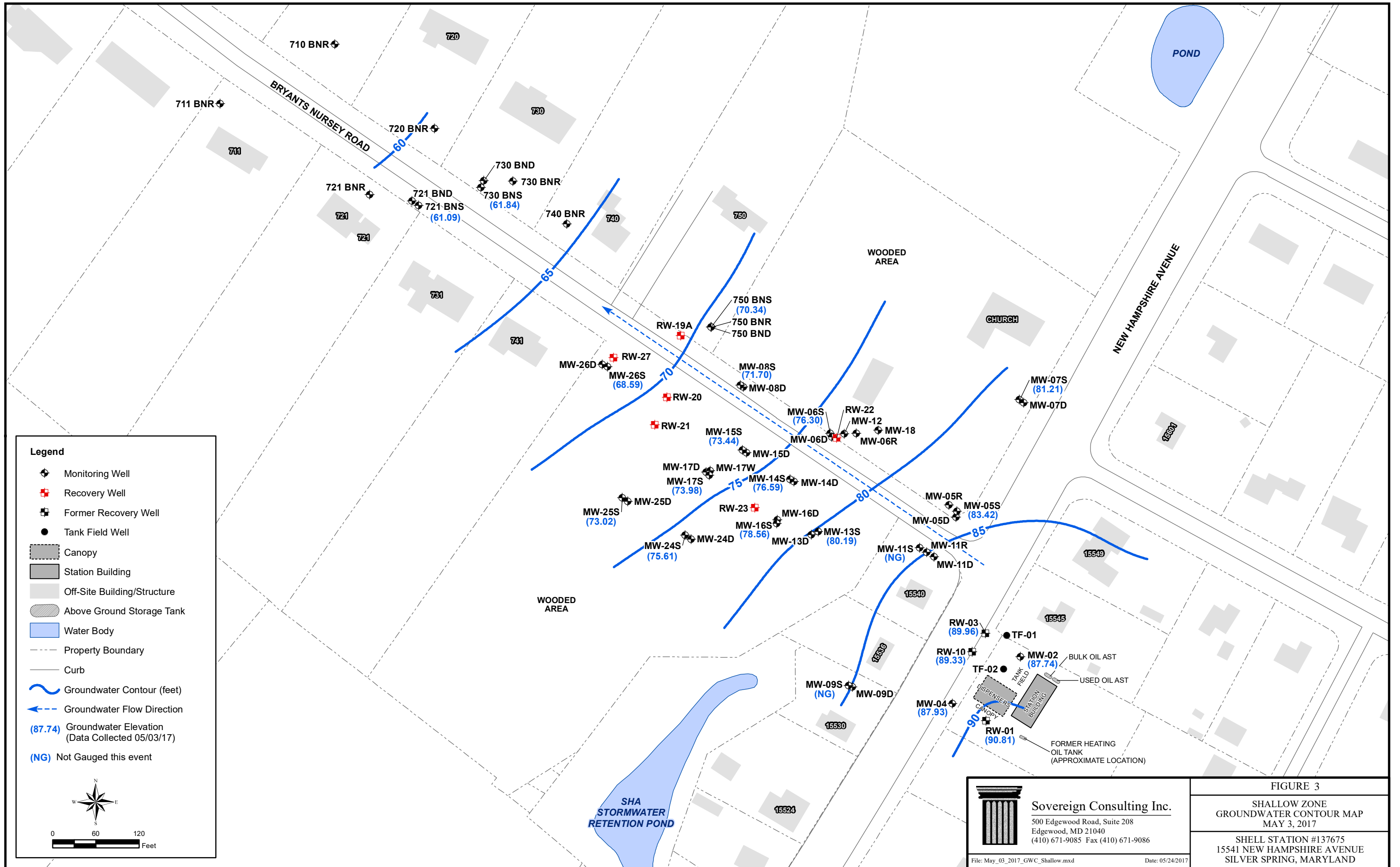
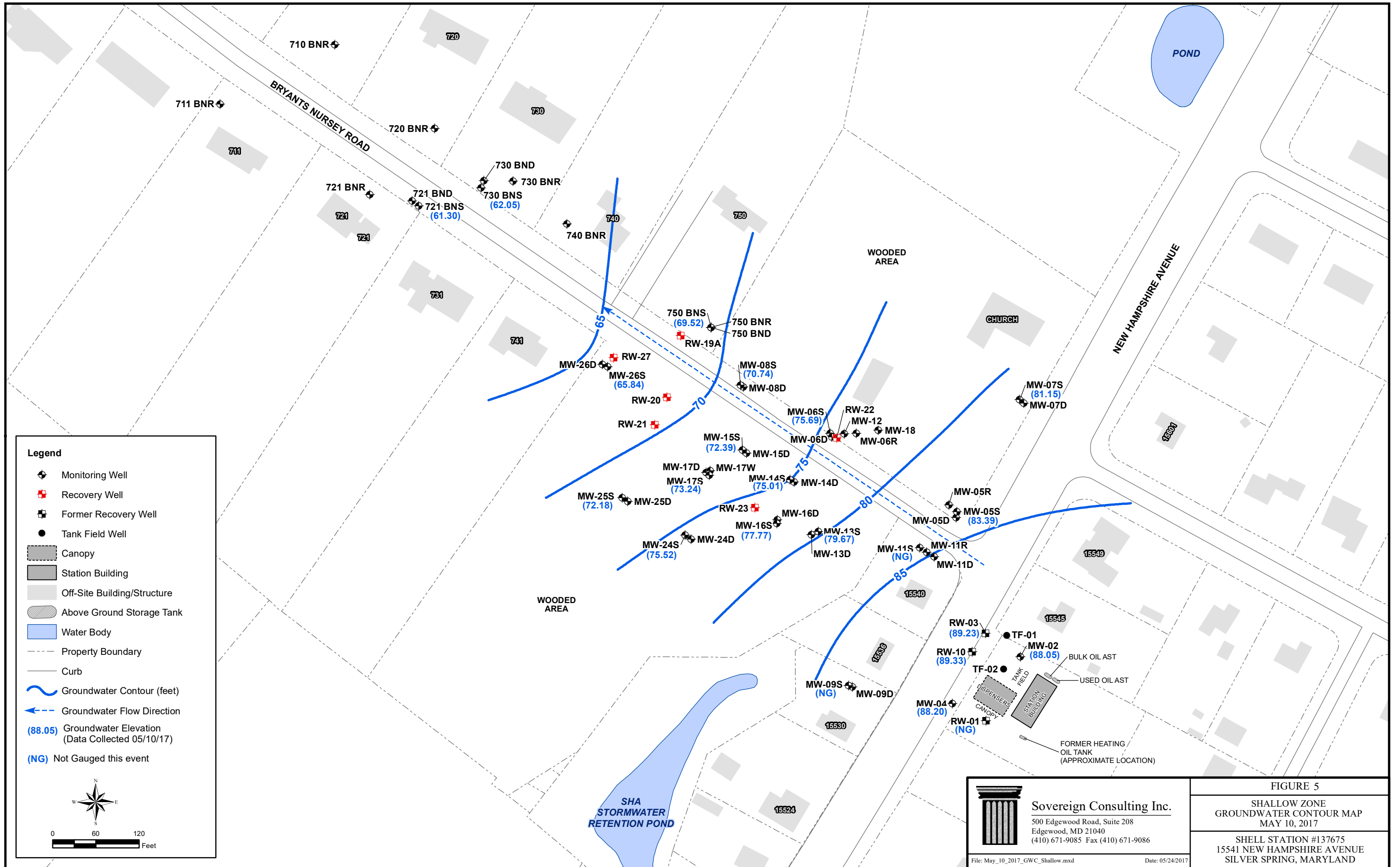


FIGURE 3

SHALLOW ZONE
GROUNDWATER CONTOUR MAP
MAY 3, 2017

SHELL STATION #137675
15541 NEW HAMPSHIRE AVENUE
SILVER SPRING, MARYLAND

Sovereign Consulting Inc.
500 Edgewood Road, Suite 208
Edgewood, MD 21040
(410) 671-9085 Fax (410) 671-9086

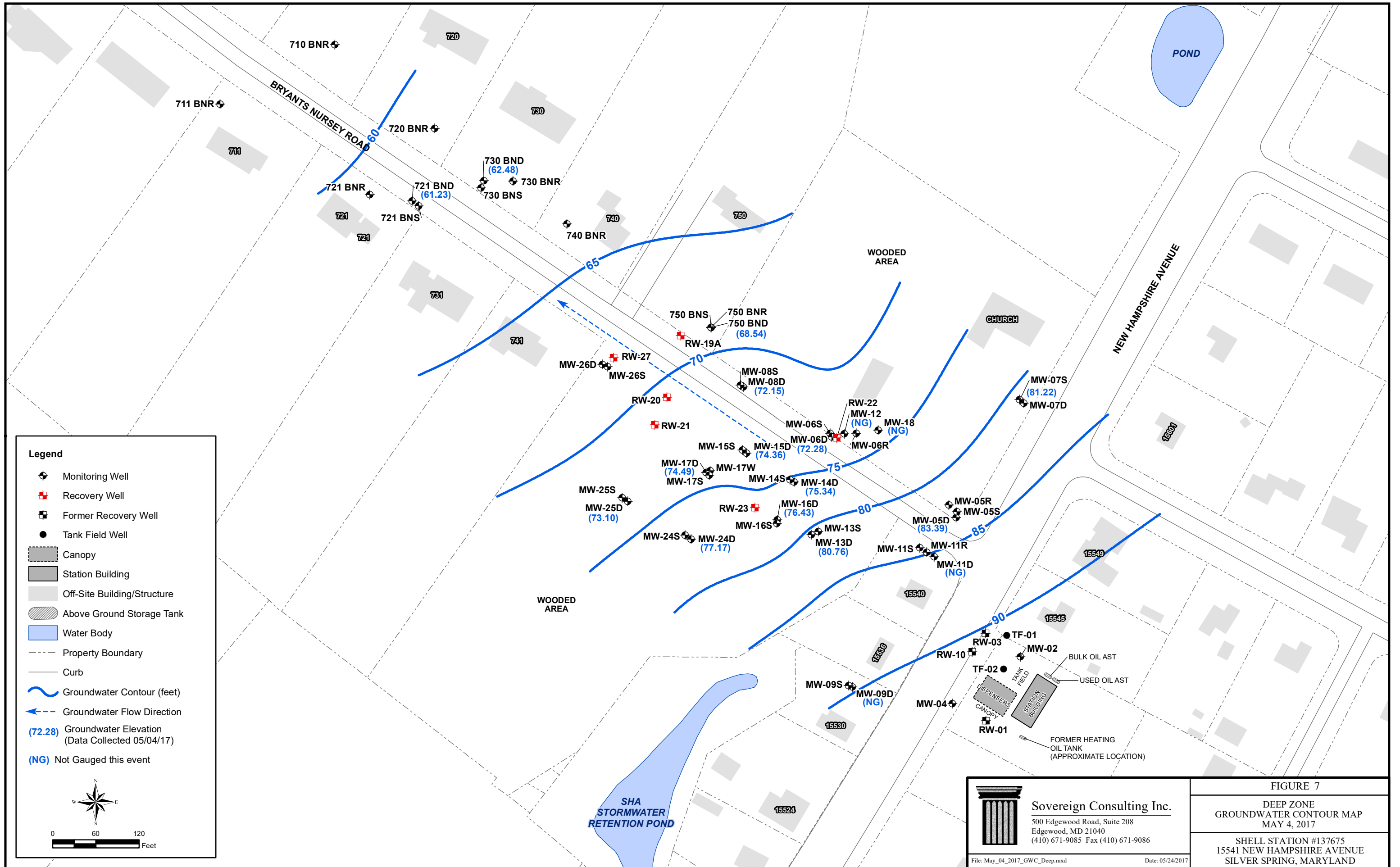


Sovereign Consulting Inc.
 500 Edgewood Road, Suite 208
 Edgewood, MD 21040
 (410) 671-9085 Fax (410) 671-9086

File: May_10_2017_GWC_Shallow.mxd Date: 05/24/2017

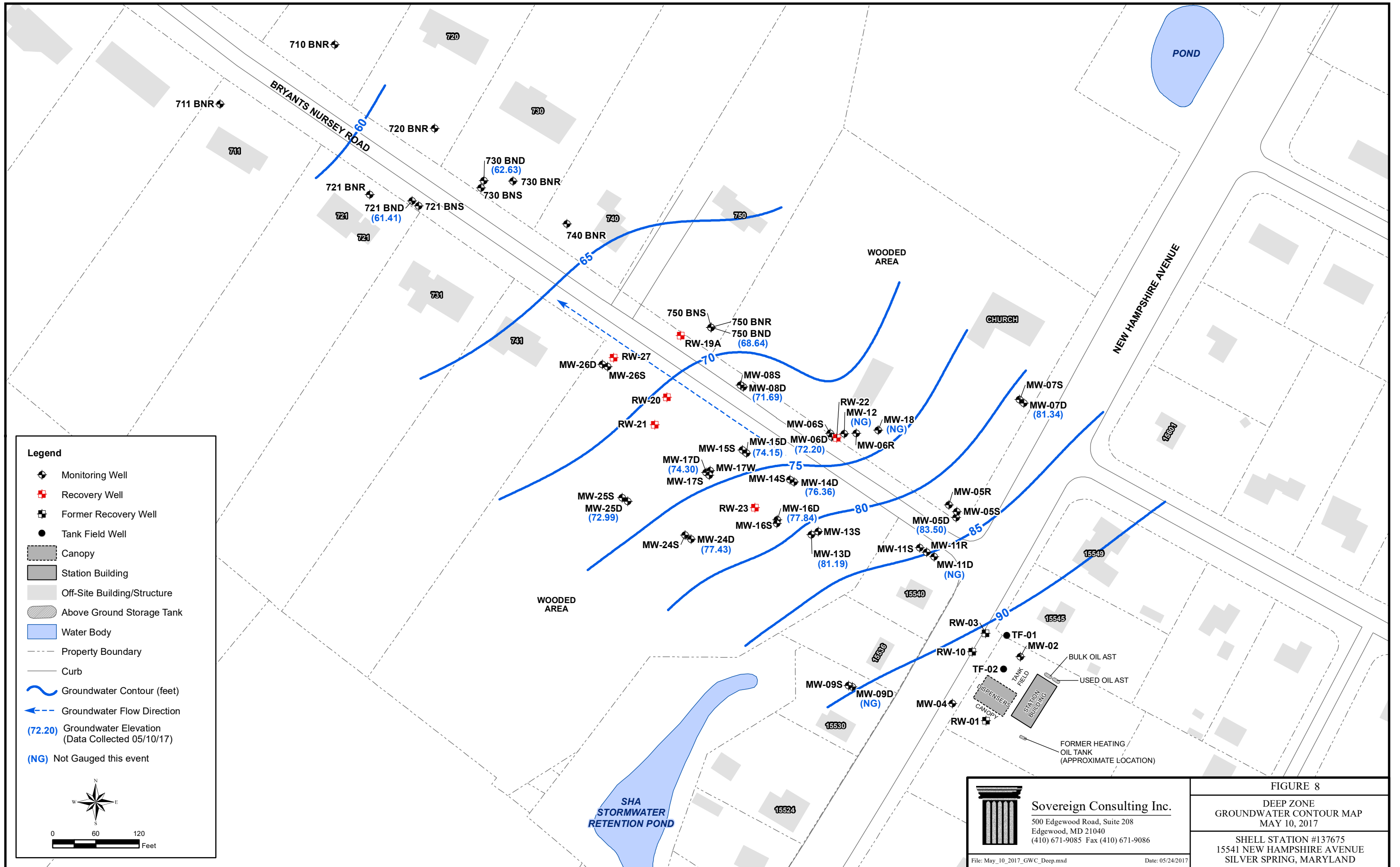
FIGURE 5
 SHALLOW ZONE
 GROUNDWATER CONTOUR MAP
 MAY 10, 2017

SHELL STATION #137675
 15541 NEW HAMPSHIRE AVENUE
 SILVER SPRING, MARYLAND



Sovereign Consulting Inc.
 500 Edgewood Road, Suite 208
 Edgewood, MD 21040
 (410) 671-9085 Fax (410) 671-9086

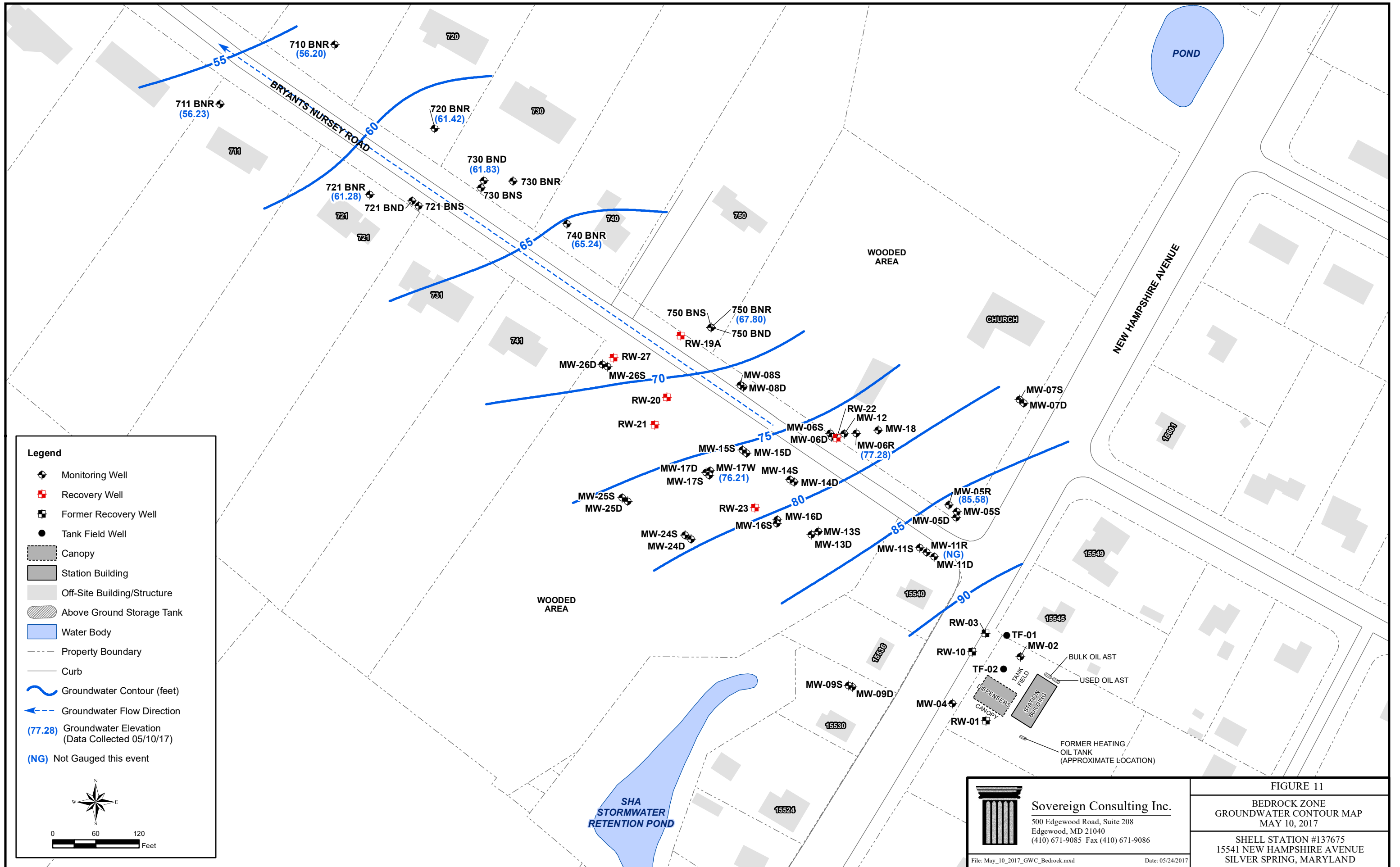
FIGURE 7
 DEEP ZONE
 GROUNDWATER CONTOUR MAP
 MAY 4, 2017
 SHELL STATION #137675
 15541 NEW HAMPSHIRE AVENUE
 SILVER SPRING, MARYLAND



Sovereign Consulting Inc.
 500 Edgewood Road, Suite 208
 Edgewood, MD 21040
 (410) 671-9085 Fax (410) 671-9086

FIGURE 8
 DEEP ZONE
 GROUNDWATER CONTOUR MAP
 MAY 10, 2017

SHELL STATION #137675
 15541 NEW HAMPSHIRE AVENUE
 SILVER SPRING, MARYLAND



Sovereign Consulting Inc.
 500 Edgewood Road, Suite 208
 Edgewood, MD 21040
 (410) 671-9085 Fax (410) 671-9086

FIGURE 11
 BEDROCK ZONE
 GROUNDWATER CONTOUR MAP
 MAY 10, 2017

SHELL STATION #137675
 15541 NEW HAMPSHIRE AVENUE
 SILVER SPRING, MARYLAND

Tables

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
710 BNR [245, NA]	1/9/2015	ND	29.95	ND	87.34	57.39	57.39
	1/14/2015	ND	29.20	ND	87.34	58.14	58.14
	1/23/2015	ND	28.98	ND	87.34	58.36	58.36
	1/29/2015	ND	28.74	ND	87.34	58.60	58.60
	2/5/2015	ND	28.78	ND	87.34	58.56	58.56
	2/13/2015	ND	28.73	ND	87.34	58.61	58.61
	2/20/2015	ND	28.30	ND	87.34	59.04	59.04
	2/26/2015	ND	28.12	ND	87.34	59.22	59.22
	3/6/2015	ND	28.19	ND	87.34	59.15	59.15
	3/12/2015	ND	27.95	ND	87.34	59.39	59.39
	3/17/2015	ND	27.46	ND	87.34	59.88	59.88
	3/27/2015	ND	26.60	ND	87.34	60.74	60.74
	4/1/2015	ND	26.44	ND	87.34	60.90	60.90
	4/10/2015	ND	25.97	ND	87.34	61.37	61.37
	4/13/2015	ND	26.95	ND	87.34	60.39	60.39
	4/30/2015	ND	25.24	ND	87.34	62.10	62.10
	5/5/2015	ND	25.30	ND	87.34	62.04	62.04
	5/21/2015	ND	25.49	ND	87.34	61.85	61.85
	5/29/2015	ND	25.90	ND	87.34	61.44	61.44
	6/5/2015	ND	26.10	ND	87.34	61.24	61.24
	6/11/2015	ND	26.31	ND	87.34	61.03	61.03
	6/19/2015	ND	25.10	ND	87.34	62.24	62.24
	6/23/2015	ND	26.69	ND	87.34	60.65	60.65
	6/30/2015	ND	26.43	ND	87.34	60.91	60.91
	7/6/2015	ND	26.19	ND	87.34	61.15	61.15
	7/14/2015	ND	26.06	ND	87.34	61.28	61.28
	7/24/2015	ND	26.68	ND	87.34	60.66	60.66
	7/31/2015	ND	27.39	ND	87.34	59.95	59.95
	8/6/2015	ND	27.67	ND	87.34	59.67	59.67
	8/14/2015	ND	28.07	ND	87.34	59.27	59.27
	8/20/2015	ND	28.42	ND	87.34	58.92	58.92
	8/27/2015	ND	28.79	ND	87.34	58.55	58.55
	9/3/2015	ND	29.14	ND	87.34	58.20	58.20
	9/10/2015	ND	29.58	ND	87.34	57.76	57.76
	9/17/2015	ND	29.97	ND	87.34	57.37	57.37
	9/24/2015	ND	30.33	ND	87.34	57.01	57.01
	10/2/2015	ND	30.65	ND	87.34	56.69	56.69
	10/8/2015	ND	30.81	ND	87.34	56.53	56.53
	10/12/2015	ND	30.93	ND	87.34	56.41	56.41
	10/15/2015	ND	31.05	ND	87.34	56.29	56.29
	10/22/2015	ND	31.24	ND	87.34	56.10	56.10
	10/29/2015	ND	31.32	ND	87.34	56.02	56.02
11/4/2015	ND	31.53	ND	87.34	55.81	55.81	
11/12/2015	ND	31.63	ND	87.34	55.71	55.71	
11/19/2015	ND	31.78	ND	87.34	55.56	55.56	
11/25/2015	ND	24.67	ND	87.34	62.67	62.67	
12/4/2015	ND	31.96	ND	87.34	55.38	55.38	
12/10/2015	ND	31.97	ND	87.34	55.37	55.37	
12/17/2015	ND	31.89	ND	87.34	55.45	55.45	
12/22/2015	ND	31.89	ND	87.34	55.45	55.45	
12/29/2015	ND	31.57	ND	87.34	55.77	55.77	
1/7/2016	ND	31.55	ND	87.34	55.79	55.79	
1/12/2016	ND	31.45	ND	87.34	55.89	55.89	

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
710 BNR [245, NA]	1/21/2016	ND	31.27	ND	87.34	56.07	56.07
	1/28/2016	ND	31.08	ND	87.34	56.26	56.26
	2/4/2016	ND	30.86	ND	87.34	56.48	56.48
	2/11/2016	ND	30.31	ND	87.34	57.03	57.03
	2/18/2016	ND	30.04	ND	87.34	57.30	57.30
	2/25/2016	ND	29.25	ND	87.34	58.09	58.09
	3/3/2016	ND	28.83	ND	87.34	58.51	58.51
	3/10/2016	ND	28.42	ND	87.34	58.92	58.92
	3/16/2016	ND	27.28	ND	87.34	60.06	60.06
	3/21/2016	ND	15.99	ND	87.34	71.35	71.35
	3/31/2016	ND	27.59	ND	87.34	59.75	59.75
	4/7/2016	ND	27.44	ND	87.34	59.90	59.90
	4/14/2016	ND	27.60	ND	87.34	59.74	59.74
	4/19/2016	ND	27.55	ND	87.34	59.79	59.79
	4/28/2016	ND	27.65	ND	87.34	59.69	59.69
	5/5/2016	ND	27.72	ND	87.34	59.62	59.62
	5/12/2016	ND	27.62	ND	87.34	59.72	59.72
	5/19/2016	ND	27.36	ND	87.34	59.98	59.98
	5/26/2016	ND	27.04	ND	87.34	60.30	60.30
	6/2/2016	ND	26.96	ND	87.34	60.38	60.38
	6/9/2016	ND	26.91	ND	87.34	60.43	60.43
	6/23/2016	ND	26.95	ND	87.34	60.39	60.39
	7/5/2016	ND	23.46	ND	87.34	63.88	63.88
	7/19/2016	ND	28.34	ND	87.34	59.00	59.00
	8/9/2016	ND	29.22	ND	87.34	58.12	58.12
	8/23/2016	ND	30.14	ND	87.34	57.20	57.20
	9/8/2016	ND	30.55	ND	87.34	56.79	56.79
	9/22/2016	ND	30.67	ND	87.34	56.67	56.67
	10/7/2016	ND	30.61	ND	87.34	56.73	56.73
	11/16/2016	ND	32.30	ND	87.34	55.04	55.04
	12/1/2016	ND	32.41	ND	87.34	54.93	54.93
	12/19/2016	ND	32.46	ND	87.34	54.88	54.88
	1/4/2017	ND	32.46	ND	87.34	54.88	54.88
1/18/2017	ND	32.73	ND	87.34	54.61	54.61	
2/1/2017	ND	32.48	ND	87.34	54.86	54.86	
2/15/2017	ND	32.23	ND	87.34	55.11	55.11	
3/1/2017	ND	31.86	ND	87.34	55.48	55.48	
3/21/2017	ND	32.18	ND	87.34	55.16	55.16	
4/5/2017	ND	31.87	ND	87.34	55.47	55.47	
5/3/2017	ND	31.10	ND	87.34	56.24	56.24	
5/4/2017	ND	31.09	ND	87.34	56.25	56.25	
5/10/2017	ND	31.14	ND	87.34	56.20	56.20	
5/16/2017	ND	30.83	ND	87.34	56.51	56.51	
6/7/2017	ND	30.14	ND	87.34	57.20	57.20	
6/22/2017	ND	30.19	ND	87.34	57.15	57.15	
711 BNR [200, NA]	1/9/2015	ND	27.41	ND	85.00	57.59	57.59
	1/14/2015	ND	26.48	ND	85.00	58.52	58.52
	1/23/2015	ND	26.29	ND	85.00	58.71	58.71
	1/29/2015	ND	25.99	ND	85.00	59.01	59.01
	2/5/2015	ND	25.86	ND	85.00	59.14	59.14
	2/13/2015	ND	25.82	ND	85.00	59.18	59.18
	2/20/2015	ND	25.57	ND	85.00	59.43	59.43

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
711 BNR [200, NA]	2/26/2015	ND	25.43	ND	85.00	59.57	59.57
	3/6/2015	ND	25.45	ND	85.00	59.55	59.55
	3/12/2015	ND	25.23	ND	85.00	59.77	59.77
	3/17/2015	ND	24.74	ND	85.00	60.26	60.26
	3/27/2015	ND	23.93	ND	85.00	61.07	61.07
	4/1/2015	ND	23.78	ND	85.00	61.22	61.22
	4/10/2015	ND	23.10	ND	85.00	61.90	61.90
	4/13/2015	ND	23.22	ND	85.00	61.78	61.78
	4/30/2015	ND	22.30	ND	85.00	62.70	62.70
	5/5/2015	ND	22.33	ND	85.00	62.67	62.67
	5/21/2015	ND	22.42	ND	85.00	62.58	62.58
	5/29/2015	ND	22.82	ND	85.00	62.18	62.18
	6/5/2015	ND	22.97	ND	85.00	62.03	62.03
	6/11/2015	ND	23.17	ND	85.00	61.83	61.83
	6/19/2015	ND	24.08	ND	85.00	60.92	60.92
	6/23/2015	ND	23.54	ND	85.00	61.46	61.46
	6/30/2015	ND	23.28	ND	85.00	61.72	61.72
	7/6/2015	ND	23.03	ND	85.00	61.97	61.97
	7/14/2015	ND	23.00	ND	85.00	62.00	62.00
	7/24/2015	ND	23.56	ND	85.00	61.44	61.44
	7/31/2015	ND	24.02	ND	85.00	60.98	60.98
	8/6/2015	ND	24.42	ND	85.00	60.58	60.58
	8/14/2015	ND	25.03	ND	85.00	59.97	59.97
	8/20/2015	ND	25.41	ND	85.00	59.59	59.59
	8/27/2015	ND	25.87	ND	85.00	59.13	59.13
	9/3/2015	ND	26.36	ND	85.00	58.64	58.64
	9/10/2015	ND	26.76	ND	85.00	58.24	58.24
	9/17/2015	ND	27.30	ND	85.00	57.70	57.70
	9/24/2015	ND	27.72	ND	85.00	57.28	57.28
	10/2/2015	ND	28.07	ND	85.00	56.93	56.93
	10/8/2015	ND	28.37	ND	85.00	56.63	56.63
	10/12/2015	ND	28.48	ND	85.00	56.52	56.52
	10/15/2015	ND	28.65	ND	85.00	56.35	56.35
	10/22/2015	ND	28.80	ND	85.00	56.20	56.20
	10/29/2015	ND	29.02	ND	85.00	55.98	55.98
	11/4/2015	ND	29.15	ND	85.00	55.85	55.85
	11/12/2015	ND	29.35	ND	85.00	55.65	55.65
	11/19/2015	ND	29.54	ND	85.00	55.46	55.46
	11/25/2015	ND	23.99	ND	85.00	61.01	61.01
	12/4/2015	ND	29.90	ND	85.00	55.10	55.10
	12/10/2015	ND	29.81	ND	85.00	55.19	55.19
	12/17/2015	ND	29.83	ND	85.00	55.17	55.17
12/22/2015	ND	29.91	ND	85.00	55.09	55.09	
12/29/2015	ND	29.58	ND	85.00	55.42	55.42	
1/7/2016	ND	29.36	ND	85.00	55.64	55.64	
1/12/2016	ND	29.18	ND	85.00	55.82	55.82	
1/21/2016	ND	28.95	ND	85.00	56.05	56.05	
1/28/2016	ND	28.72	ND	85.00	56.28	56.28	
2/4/2016	ND	28.48	ND	85.00	56.52	56.52	
2/11/2016	ND	27.90	ND	85.00	57.10	57.10	
2/18/2016	ND	27.49	ND	85.00	57.51	57.51	
2/25/2016	ND	26.69	ND	85.00	58.31	58.31	
3/3/2016	ND	26.13	ND	85.00	58.87	58.87	

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
711 BNR [200, NA]	3/10/2016	ND	25.69	ND	85.00	59.31	59.31
	3/16/2016	ND	24.95	ND	85.00	60.05	60.05
	3/21/2016	ND	25.80	ND	85.00	59.20	59.20
	3/31/2016	ND	24.62	ND	85.00	60.38	60.38
	4/7/2016	ND	24.49	ND	85.00	60.51	60.51
	4/14/2016	ND	24.66	ND	85.00	60.34	60.34
	4/19/2016	ND	24.55	ND	85.00	60.45	60.45
	4/28/2016	ND	24.69	ND	85.00	60.31	60.31
	5/5/2016	ND	24.75	ND	85.00	60.25	60.25
	5/12/2016	ND	24.69	ND	85.00	60.31	60.31
	5/19/2016	ND	24.53	ND	85.00	60.47	60.47
	5/26/2016	ND	24.10	ND	85.00	60.90	60.90
	6/2/2016	ND	24.02	ND	85.00	60.98	60.98
	6/9/2016	ND	23.91	ND	85.00	61.09	61.09
	6/23/2016	ND	23.88	ND	85.00	61.12	61.12
	7/5/2016	ND	24.60	ND	85.00	60.40	60.40
	7/19/2016	ND	24.90	ND	85.00	60.10	60.10
	8/9/2016	ND	26.40	ND	85.00	58.60	58.60
	8/23/2016	ND	27.28	ND	85.00	57.72	57.72
	9/8/2016	ND	27.92	ND	85.00	57.08	57.08
	9/22/2016	ND	28.11	ND	85.00	56.89	56.89
	10/7/2016	ND	28.17	ND	85.00	56.83	56.83
	11/16/2016	ND	29.94	ND	85.00	55.06	55.06
	12/1/2016	ND	30.10	ND	85.00	54.90	54.90
	12/19/2016	ND	30.13	ND	85.00	54.87	54.87
	1/4/2017	ND	30.19	ND	85.00	54.81	54.81
	1/18/2017	ND	30.54	ND	85.00	54.46	54.46
	2/1/2017	ND	30.25	ND	85.00	54.75	54.75
	2/15/2017	ND	30.11	ND	85.00	54.89	54.89
	3/1/2017	ND	29.89	ND	85.00	55.11	55.11
3/21/2017	ND	29.92	ND	85.00	55.08	55.08	
4/5/2017	ND	29.53	ND	85.00	55.47	55.47	
5/3/2017	ND	28.79	ND	85.00	56.21	56.21	
5/4/2017	ND	28.77	ND	85.00	56.23	56.23	
5/10/2017	ND	28.77	ND	85.00	56.23	56.23	
5/16/2017	ND	28.42	ND	85.00	56.58	56.58	
6/7/2017	ND	27.55	ND	85.00	57.45	57.45	
6/22/2017	ND	27.26	ND	85.00	57.74	57.74	
720 BNR [260, NA]	1/9/2015	ND	30.52	ND	92.66	62.14	62.14
	1/14/2015	ND	29.60	ND	92.66	63.06	63.06
	1/23/2015	ND	29.38	ND	92.66	63.28	63.28
	1/29/2015	ND	29.14	ND	92.66	63.52	63.52
	2/5/2015	ND	28.97	ND	92.66	63.69	63.69
	2/13/2015	ND	28.94	ND	92.66	63.72	63.72
	2/20/2015	ND	28.78	ND	92.66	63.88	63.88
	2/26/2015	ND	28.60	ND	92.66	64.06	64.06
	3/6/2015	ND	28.69	ND	92.66	63.97	63.97
	3/12/2015	ND	28.39	ND	92.66	64.27	64.27
	3/17/2015	ND	27.73	ND	92.66	64.93	64.93
	3/27/2015	ND	26.92	ND	92.66	65.74	65.74
	4/1/2015	ND	26.80	ND	92.66	65.86	65.86
4/10/2015	ND	26.19	ND	92.66	66.47	66.47	

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
720 BNR [260, NA]	4/13/2015	ND	27.24	ND	92.66	65.42	65.42
	4/30/2015	ND	25.49	ND	92.66	67.17	67.17
	5/5/2015	ND	25.45	ND	92.66	67.21	67.21
	5/21/2015	ND	25.71	ND	92.66	66.95	66.95
	5/29/2015	ND	26.17	ND	92.66	66.49	66.49
	6/5/2015	ND	26.32	ND	92.66	66.34	66.34
	6/11/2015	ND	26.65	ND	92.66	66.01	66.01
	6/19/2015	ND	25.94	ND	92.66	66.72	66.72
	6/23/2015	ND	26.81	ND	92.66	65.85	65.85
	6/30/2015	ND	26.47	ND	92.66	66.19	66.19
	7/6/2015	ND	26.25	ND	92.66	66.41	66.41
	7/14/2015	ND	26.18	ND	92.66	66.48	66.48
	7/24/2015	ND	26.93	ND	92.66	65.73	65.73
	7/31/2015	ND	27.31	ND	92.66	65.35	65.35
	8/6/2015	ND	27.72	ND	92.66	64.94	64.94
	8/14/2015	ND	28.34	ND	92.66	64.32	64.32
	8/20/2015	ND	28.65	ND	92.66	64.01	64.01
	8/27/2015	ND	29.18	ND	92.66	63.48	63.48
	9/3/2015	ND	29.64	ND	92.66	63.02	63.02
	9/10/2015	ND	30.02	ND	92.66	62.64	62.64
	9/17/2015	ND	30.44	ND	92.66	62.22	62.22
	9/24/2015	ND	30.82	ND	92.66	61.84	61.84
	10/2/2015	ND	31.15	ND	92.66	61.51	61.51
	10/8/2015	ND	31.33	ND	92.66	61.33	61.33
	10/12/2015	ND	31.39	ND	92.66	61.27	61.27
	10/15/2015	ND	31.54	ND	92.66	61.12	61.12
	10/22/2015	ND	31.71	ND	92.66	60.95	60.95
	10/29/2015	ND	31.86	ND	92.66	60.80	60.80
	11/4/2015	ND	32.01	ND	92.66	60.65	60.65
	11/12/2015	ND	32.13	ND	92.66	60.53	60.53
	11/19/2015	ND	32.24	ND	92.66	60.42	60.42
	11/25/2015	ND	25.58	ND	92.66	67.08	67.08
	12/4/2015	ND	32.45	ND	92.66	60.21	60.21
	12/10/2015	ND	32.47	ND	92.66	60.19	60.19
	12/17/2015	ND	32.04	ND	92.66	60.62	60.62
	12/22/2015	ND	31.91	ND	92.66	60.75	60.75
	12/29/2015	ND	31.79	ND	92.66	60.87	60.87
	1/7/2016	ND	31.79	ND	92.66	60.87	60.87
	1/12/2016	ND	31.69	ND	92.66	60.97	60.97
	1/21/2016	ND	31.62	ND	92.66	61.04	61.04
	1/28/2016	ND	31.49	ND	92.66	61.17	61.17
	2/4/2016	ND	31.21	ND	92.66	61.45	61.45
2/11/2016	ND	30.69	ND	92.66	61.97	61.97	
2/18/2016	ND	30.23	ND	92.66	62.43	62.43	
2/25/2016	ND	29.59	ND	92.66	63.07	63.07	
3/3/2016	ND	29.06	ND	92.66	63.60	63.60	
3/10/2016	ND	28.56	ND	92.66	64.10	64.10	
3/16/2016	ND	28.21	ND	92.66	64.45	64.45	
3/21/2016	ND	21.29	ND	92.66	71.37	71.37	
3/31/2016	ND	27.96	ND	92.66	64.70	64.70	
4/7/2016	ND	27.80	ND	92.66	64.86	64.86	
4/14/2016	ND	28.01	ND	92.66	64.65	64.65	
4/19/2016	ND	27.85	ND	92.66	64.81	64.81	

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
720 BNR [260, NA]	4/28/2016	ND	28.02	ND	92.66	64.64	64.64
	5/5/2016	ND	27.95	ND	92.66	64.71	64.71
	5/12/2016	ND	27.87	ND	92.66	64.79	64.79
	5/19/2016	ND	27.62	ND	92.66	65.04	65.04
	5/26/2016	ND	27.43	ND	92.66	65.23	65.23
	6/2/2016	ND	22.20	ND	92.66	70.46	70.46
	6/9/2016	ND	27.29	ND	92.66	65.37	65.37
	6/23/2016	ND	27.63	ND	92.66	65.03	65.03
	7/5/2016	ND	28.40	ND	92.66	64.26	64.26
	7/19/2016	ND	28.69	ND	92.66	63.97	63.97
	8/9/2016	ND	29.65	ND	92.66	63.01	63.01
	8/23/2016	ND	30.27	ND	92.66	62.39	62.39
	9/8/2016	ND	30.77	ND	92.66	61.89	61.89
	9/22/2016	ND	31.02	ND	92.66	61.64	61.64
	10/7/2016	ND	31.09	ND	92.66	61.57	61.57
	11/16/2016	ND	32.76	ND	92.66	59.90	59.90
	12/1/2016	ND	32.70	ND	92.66	59.96	59.96
	12/19/2016	ND	32.78	ND	92.66	59.88	59.88
	1/4/2017	ND	32.80	ND	92.66	59.86	59.86
	1/18/2017	ND	33.06	ND	92.66	59.60	59.60
	2/1/2017	ND	32.85	ND	92.66	59.81	59.81
	2/15/2017	ND	32.61	ND	92.66	60.05	60.05
	3/1/2017	ND	32.65	ND	92.66	60.01	60.01
	3/21/2017	ND	32.59	ND	92.66	60.07	60.07
	4/5/2017	ND	32.31	ND	92.66	60.35	60.35
	5/3/2017	ND	31.47	ND	92.66	61.19	61.19
	5/4/2017	ND	31.40	ND	92.66	61.26	61.26
	5/10/2017	ND	31.24	ND	92.66	61.42	61.42
5/16/2017	ND	31.21	ND	92.66	61.45	61.45	
6/7/2017	ND	30.33	ND	92.66	62.33	62.33	
6/22/2017	ND	30.07	ND	92.66	62.59	62.59	
721 BND	1/14/2015	ND	26.95	ND	90.06	63.11	63.11
	4/13/2015	ND	25.20	ND	90.06	64.86	64.86
	7/14/2015	ND	23.62	ND	90.06	66.44	66.44
	10/12/2015	ND	28.78	ND	90.06	61.28	61.28
	1/12/2016	ND	29.34	ND	90.06	60.72	60.72
	4/19/2016	ND	25.00	ND	90.06	65.06	65.06
	8/9/2016	ND	26.90	ND	90.06	63.16	63.16
	11/16/2016	ND	29.70	ND	90.06	60.36	60.36
	2/15/2017	ND	30.10	ND	90.06	59.96	59.96
	5/3/2017	ND	28.83	ND	90.06	61.23	61.23
	5/4/2017	ND	28.83	ND	90.06	61.23	61.23
	5/10/2017	ND	28.65	ND	90.06	61.41	61.41
	5/16/2017	ND	28.44	ND	90.06	61.62	61.62
721 BNR [405, NA]	1/9/2015	ND	28.32	ND	90.18	61.86	61.86
	1/14/2015	ND	27.45	ND	90.18	62.73	62.73
	1/23/2015	ND	27.34	ND	90.18	62.84	62.84
	1/29/2015	ND	27.11	ND	90.18	63.07	63.07
	2/5/2015	ND	26.98	ND	90.18	63.20	63.20
	2/13/2015	ND	26.91	ND	90.18	63.27	63.27
	2/20/2015	ND	26.75	ND	90.18	63.43	63.43

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
721 BNR [405, NA]	2/26/2015	Well Not Gauged - Well Inaccessible					
	3/6/2015	Well Not Gauged - Well Inaccessible					
	3/12/2015	ND	25.93	ND	90.18	64.25	64.25
	3/17/2015	ND	25.84	ND	90.18	64.34	64.34
	3/27/2015	ND	22.82	ND	90.18	67.36	67.36
	4/1/2015	ND	25.04	ND	90.18	65.14	65.14
	4/10/2015	ND	24.36	ND	90.18	65.82	65.82
	4/13/2015	ND	24.63	ND	90.18	65.55	65.55
	4/30/2015	ND	24.12	ND	90.18	66.06	66.06
	5/5/2015	ND	24.11	ND	90.18	66.07	66.07
	5/21/2015	ND	24.24	ND	90.18	65.94	65.94
	5/29/2015	ND	24.96	ND	90.18	65.22	65.22
	6/5/2015	ND	24.40	ND	90.18	65.78	65.78
	6/11/2015	ND	25.02	ND	90.18	65.16	65.16
	6/19/2015	ND	21.61	ND	90.18	68.57	68.57
	6/23/2015	ND	24.97	ND	90.18	65.21	65.21
	6/30/2015	ND	24.89	ND	90.18	65.29	65.29
	7/6/2015	ND	25.04	ND	90.18	65.14	65.14
	7/14/2015	ND	25.35	ND	90.18	64.83	64.83
	7/24/2015	ND	25.49	ND	90.18	64.69	64.69
	7/31/2015	ND	25.89	ND	90.18	64.29	64.29
	8/6/2015	ND	26.37	ND	90.18	63.81	63.81
	8/14/2015	ND	26.80	ND	90.18	63.38	63.38
	8/20/2015	ND	26.96	ND	90.18	63.22	63.22
	8/27/2015	ND	27.80	ND	90.18	62.38	62.38
	9/3/2015	ND	28.09	ND	90.18	62.09	62.09
	9/10/2015	ND	28.55	ND	90.18	61.63	61.63
	9/17/2015	ND	28.69	ND	90.18	61.49	61.49
	9/24/2015	ND	29.04	ND	90.18	61.14	61.14
	10/2/2015	ND	29.24	ND	90.18	60.94	60.94
	10/8/2015	ND	29.35	ND	90.18	60.83	60.83
	10/12/2015	ND	29.41	ND	90.18	60.77	60.77
	10/15/2015	ND	29.52	ND	90.18	60.66	60.66
	10/22/2015	ND	29.69	ND	90.18	60.49	60.49
	10/29/2015	ND	29.74	ND	90.18	60.44	60.44
	11/4/2015	ND	29.92	ND	90.18	60.26	60.26
	11/12/2015	ND	29.69	ND	90.18	60.49	60.49
	11/19/2015	ND	30.07	ND	90.18	60.11	60.11
	11/25/2015	ND	21.45	ND	90.18	68.73	68.73
	12/4/2015	ND	30.12	ND	90.18	60.06	60.06
	12/10/2015	ND	30.14	ND	90.18	60.04	60.04
12/17/2015	ND	30.07	ND	90.18	60.11	60.11	
12/22/2015	ND	30.04	ND	90.18	60.14	60.14	
12/29/2015	ND	29.62	ND	90.18	60.56	60.56	
1/7/2016	ND	29.59	ND	90.18	60.59	60.59	
1/12/2016	ND	29.33	ND	90.18	60.85	60.85	
1/21/2016	ND	29.34	ND	90.18	60.84	60.84	
1/28/2016	Well Not Gauged - Well Inaccessible						
2/4/2016	ND	23.42	ND	90.18	66.76	66.76	
2/11/2016	ND	28.49	ND	90.18	61.69	61.69	
2/18/2016	ND	27.41	ND	90.18	62.77	62.77	
2/25/2016	ND	22.48	ND	90.18	67.70	67.70	
3/3/2016	ND	27.04	ND	90.18	63.14	63.14	

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data						
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE	
721 BNR [405, NA]	3/10/2016	ND	26.56	ND	90.18	63.62	63.62	
	3/16/2016	ND	22.18	ND	90.18	68.00	68.00	
	3/21/2016	ND	25.58	ND	90.18	64.60	64.60	
	3/31/2016	ND	26.11	ND	90.18	64.07	64.07	
	4/7/2016	ND	25.67	ND	90.18	64.51	64.51	
	4/14/2016	ND	26.11	ND	90.18	64.07	64.07	
	4/19/2016	ND	26.06	ND	90.18	64.12	64.12	
	4/28/2016	ND	26.19	ND	90.18	63.99	63.99	
	5/5/2016	ND	25.83	ND	90.18	64.35	64.35	
	5/12/2016	ND	22.44	ND	90.18	67.74	67.74	
	5/19/2016	ND	25.89	ND	90.18	64.29	64.29	
	5/26/2016	ND	25.61	ND	90.18	64.57	64.57	
	6/2/2016	ND	25.75	ND	90.18	64.43	64.43	
	6/9/2016	ND	25.75	ND	90.18	64.43	64.43	
	6/23/2016	ND	25.69	ND	90.18	64.49	64.49	
	7/5/2016	ND	26.05	ND	90.18	64.13	64.13	
	7/19/2016	ND	26.16	ND	90.18	64.02	64.02	
	8/9/2016	ND	27.96	ND	90.18	62.22	62.22	
	8/23/2016	ND	28.43	ND	90.18	61.75	61.75	
	9/8/2016	ND	29.03	ND	90.18	61.15	61.15	
	9/22/2016	ND	29.15	ND	90.18	61.03	61.03	
	10/7/2016	ND	29.19	ND	90.18	60.99	60.99	
	11/16/2016	ND	29.51	ND	90.18	60.67	60.67	
	12/1/2016	ND	29.56	ND	90.18	60.62	60.62	
	12/19/2016	ND	29.55	ND	90.18	60.63	60.63	
	1/4/2017	ND	29.60	ND	90.18	60.58	60.58	
	1/18/2017	Well Not Gauged						
	2/1/2017	ND	30.45	ND	90.18	59.73	59.73	
	2/15/2017	ND	30.12	ND	90.18	60.06	60.06	
	3/1/2017	ND	30.11	ND	90.18	60.07	60.07	
3/21/2017	ND	30.11	ND	90.18	60.07	60.07		
4/5/2017	ND	29.75	ND	90.18	60.43	60.43		
5/3/2017	ND	29.14	ND	90.18	61.04	61.04		
5/4/2017	ND	29.17	ND	90.18	61.01	61.01		
5/10/2017	ND	28.90	ND	90.18	61.28	61.28		
5/16/2017	ND	28.82	ND	90.18	61.36	61.36		
6/7/2017	ND	28.36	ND	90.18	61.82	61.82		
6/22/2017	ND	28.18	ND	90.18	62.00	62.00		
721 BNS	1/14/2015	ND	26.85	ND	89.92	63.07	63.07	
	4/13/2015	ND	24.55	ND	89.92	65.37	65.37	
	7/14/2015	ND	23.42	ND	89.92	66.50	66.50	
	10/12/2015	ND	28.73	ND	89.92	61.19	61.19	
	1/12/2016	ND	29.21	ND	89.92	60.71	60.71	
	4/19/2016	ND	25.00	ND	89.92	64.92	64.92	
	8/9/2016	ND	26.85	ND	89.92	63.07	63.07	
	11/16/2016	ND	30.20	ND	89.92	59.72	59.72	
	2/15/2017	ND	29.96	ND	89.92	59.96	59.96	
	5/3/2017	ND	28.83	ND	89.92	61.09	61.09	
	5/4/2017	ND	28.80	ND	89.92	61.12	61.12	
	5/10/2017	ND	28.62	ND	89.92	61.30	61.30	
5/16/2017	ND	28.41	ND	89.92	61.51	61.51		

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data						
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE	
730 BND [65, 40-65]	1/14/2015	ND	27.32	ND	91.73	64.41	64.41	
	4/13/2015	ND	24.32	ND	91.73	67.41	67.41	
	7/14/2015	ND	24.13	ND	91.73	67.60	67.60	
	8/6/2015	ND	25.35	ND	91.73	66.38	66.38	
	9/3/2015	ND	27.40	ND	91.73	64.33	64.33	
	10/12/2015	ND	29.03	ND	91.73	62.70	62.70	
	11/4/2015	ND	29.82	ND	91.73	61.91	61.91	
	12/4/2015	ND	30.30	ND	91.73	61.43	61.43	
	1/12/2016	ND	30.13	ND	91.73	61.60	61.60	
	2/4/2016	ND	29.06	ND	91.73	62.67	62.67	
	3/3/2016	ND	26.96	ND	91.73	64.77	64.77	
	4/19/2016	ND	25.81	ND	91.73	65.92	65.92	
	4/21/2016	Well Not Gauged						
	5/5/2016	ND	25.75	ND	91.73	65.98	65.98	
	7/19/2016	ND	25.80	ND	91.73	65.93	65.93	
	8/9/2016	ND	27.00	ND	91.73	64.73	64.73	
	8/23/2016	ND	26.23	ND	91.73	65.50	65.50	
	9/8/2016	ND	28.50	ND	91.73	63.23	62.23	
	10/7/2016	ND	29.05	ND	91.73	62.68	62.68	
	11/16/2016	ND	30.75	ND	91.73	60.98	60.98	
	12/1/2016	ND	30.90	ND	91.73	60.83	60.83	
	2/1/2017	ND	30.91	ND	91.73	60.82	60.82	
	2/15/2017	ND	30.71	ND	91.73	61.02	61.02	
	3/1/2017	ND	30.66	ND	91.73	61.07	61.07	
	3/21/2017	ND	30.36	ND	91.73	61.37	61.37	
	4/5/2017	ND	30.26	ND	91.73	61.47	61.47	
	5/3/2017	ND	29.44	ND	91.73	62.29	62.29	
	5/4/2017	ND	29.25	ND	91.73	62.48	62.48	
	5/10/2017	ND	29.10	ND	91.73	62.63	62.63	
	5/16/2017	ND	29.07	ND	91.73	62.66	62.66	
	6/7/2017	ND	28.28	ND	91.73	63.45	63.45	
730 BNR	1/14/2015	ND	28.50	ND	91.94	63.44	63.44	
	4/13/2015	ND	25.10	ND	91.94	66.84	66.84	
	7/14/2015	ND	24.97	ND	91.94	66.97	66.97	
	10/12/2015	ND	30.28	ND	91.94	61.66	61.66	
	1/12/2016	ND	30.59	ND	91.94	61.35	61.35	
	4/19/2016	ND	26.76	ND	91.94	65.18	65.18	
	6/2/2016	Well Not Gauged						
	6/23/2016	Well Not Gauged						
	7/5/2016	ND	27.03	ND	91.94	64.91	64.91	
	7/19/2016	ND	27.15	ND	91.94	64.79	64.79	
	8/23/2016	ND	29.14	ND	91.94	62.80	62.80	
	9/8/2016	ND	29.61	ND	91.94	62.33	62.33	
	9/22/2016	ND	29.68	ND	91.94	62.26	62.26	
	10/7/2016	ND	29.70	ND	91.94	62.24	62.24	
	11/16/2016	ND	31.68	ND	91.94	60.26	60.26	
	12/1/2016	ND	31.73	ND	91.94	60.21	60.21	
	12/19/2016	ND	31.81	ND	91.94	60.13	60.13	
	1/4/2017	ND	31.85	ND	91.94	60.09	60.09	
	1/18/2017	ND	32.00	ND	91.94	59.94	59.94	
	2/1/2017	ND	31.83	ND	91.94	60.11	60.11	
2/15/2017	ND	31.51	ND	91.94	60.43	60.43		

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data						
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE	
730 BNR	3/1/2017	ND	31.58	ND	91.94	60.36	60.36	
	3/21/2017	ND	31.53	ND	91.94	60.41	60.41	
	5/3/2017	ND	30.30	ND	91.94	61.64	61.64	
	5/4/2017	ND	30.26	ND	91.94	61.68	61.68	
	5/10/2017	ND	30.11	ND	91.94	61.83	61.83	
	5/16/2016	ND	30.20	ND	91.94	61.74	61.74	
	6/7/2017	ND	29.28	ND	91.94	62.66	62.66	
	6/22/2017	ND	28.90	ND	91.94	63.04	63.04	
730 BNS [35, 10-35]	1/14/2015	ND	27.95	ND	91.71	63.76	63.76	
	4/13/2015	ND	24.48	ND	91.71	67.23	67.23	
	7/14/2015	ND	24.27	ND	91.71	67.44	67.44	
	8/6/2015	ND	25.70	ND	91.71	66.01	66.01	
	9/3/2015	ND	27.73	ND	91.71	63.98	63.98	
	10/12/2015	ND	29.68	ND	91.71	62.03	62.03	
	11/4/2015	ND	30.35	ND	91.71	61.36	61.36	
	12/4/2015	ND	30.82	ND	91.71	60.89	60.89	
	1/12/2016	ND	30.20	ND	91.71	61.51	61.51	
	2/4/2016	ND	29.70	ND	91.71	62.01	62.01	
	3/3/2016	ND	27.49	ND	91.71	64.22	64.22	
	4/19/2016	ND	26.11	ND	91.71	65.60	65.60	
	4/21/2016	Well Not Gauged						
	5/5/2016	ND	26.21	ND	91.71	65.50	65.50	
	6/9/2016	ND	25.45	ND	91.71	66.26	66.26	
	7/19/2016	ND	26.70	ND	91.71	65.01	65.01	
	9/8/2016	ND	29.10	ND	91.71	62.61	62.61	
	10/7/2016	ND	30.10	ND	91.71	61.61	61.61	
	11/16/2016	ND	31.10	ND	91.71	60.61	60.61	
	12/1/2016	ND	31.35	ND	91.71	60.36	60.36	
	2/1/2017	ND	31.32	ND	91.71	60.39	60.39	
	2/15/2017	ND	31.03	ND	91.71	60.68	60.68	
	3/1/2017	ND	30.94	ND	91.71	60.77	60.77	
	3/21/2017	ND	30.01	ND	91.71	61.70	61.70	
	4/5/2017	ND	30.73	ND	91.71	60.98	60.98	
	5/3/2017	ND	29.87	ND	91.71	61.84	61.84	
	5/4/2017	ND	29.86	ND	91.71	61.85	61.85	
	5/10/2017	ND	29.66	ND	91.71	62.05	62.05	
5/16/2017	ND	29.65	ND	91.71	62.06	62.06		
6/7/2017	ND	28.83	ND	91.71	62.88	62.88		
740 BNR [300, NA]	1/9/2015	ND	27.11	ND	93.09	65.98	65.98	
	1/14/2015	ND	26.35	ND	93.09	66.74	66.74	
	1/23/2015	ND	26.20	ND	93.09	66.89	66.89	
	1/29/2015	ND	25.97	ND	93.09	67.12	67.12	
	2/5/2015	ND	25.82	ND	93.09	67.27	67.27	
	2/13/2015	ND	25.78	ND	93.09	67.31	67.31	
	2/20/2015	ND	25.59	ND	93.09	67.50	67.50	
	2/26/2015	ND	25.43	ND	93.09	67.66	67.66	
	3/6/2015	ND	25.47	ND	93.09	67.62	67.62	
	3/12/2015	ND	25.10	ND	93.09	67.99	67.99	
	3/17/2015	ND	24.55	ND	93.09	68.54	68.54	
	3/27/2015	ND	23.85	ND	93.09	69.24	69.24	
4/1/2015	ND	23.87	ND	93.09	69.22	69.22		

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
740 BNR [300, NA]	4/10/2015	ND	23.21	ND	93.09	69.88	69.88
	4/13/2015	ND	23.40	ND	93.09	69.69	69.69
	4/30/2015	ND	22.72	ND	93.09	70.37	70.37
	5/5/2015	ND	22.54	ND	93.09	70.55	70.55
	5/21/2015	ND	22.89	ND	93.09	70.20	70.20
	5/29/2015	ND	23.34	ND	93.09	69.75	69.75
	6/5/2015	ND	23.28	ND	93.09	69.81	69.81
	6/11/2015	ND	24.66	ND	93.09	68.43	68.43
	6/19/2015	ND	23.55	ND	93.09	69.54	69.54
	6/23/2015	ND	23.58	ND	93.09	69.51	69.51
	6/30/2015	ND	23.20	ND	93.09	69.89	69.89
	7/6/2015	ND	23.24	ND	93.09	69.85	69.85
	7/14/2015	ND	23.23	ND	93.09	69.86	69.86
	7/24/2015	ND	24.35	ND	93.09	68.74	68.74
	7/31/2015	ND	24.69	ND	93.09	68.40	68.40
	8/6/2015	ND	24.65	ND	93.09	68.44	68.44
	8/14/2015	ND	25.28	ND	93.09	67.81	67.81
	8/20/2015	ND	25.54	ND	93.09	67.55	67.55
	8/27/2015	ND	26.29	ND	93.09	66.80	66.80
	9/3/2015	ND	27.59	ND	93.09	65.50	65.50
	9/10/2015	ND	27.10	ND	93.09	65.99	65.99
	9/17/2015	ND	27.49	ND	93.09	65.60	65.60
	9/24/2015	ND	27.89	ND	93.09	65.20	65.20
	10/2/2015	ND	27.80	ND	93.09	65.29	65.29
	10/8/2015	ND	27.95	ND	93.09	65.14	65.14
	10/12/2015	ND	27.97	ND	93.09	65.12	65.12
	10/15/2015	ND	28.12	ND	93.09	64.97	64.97
	10/22/2015	ND	28.31	ND	93.09	64.78	64.78
	10/29/2015	ND	28.39	ND	93.09	64.70	64.70
	11/4/2015	ND	28.59	ND	93.09	64.50	64.50
	11/12/2015	ND	28.59	ND	93.09	64.50	64.50
	11/19/2015	ND	28.80	ND	93.09	64.29	64.29
	11/25/2015	ND	23.24	ND	93.09	69.85	69.85
	12/4/2015	ND	28.96	ND	93.09	64.13	64.13
	12/10/2015	ND	28.99	ND	93.09	64.10	64.10
	12/17/2015	ND	28.99	ND	93.09	64.10	64.10
	12/22/2015	ND	28.83	ND	93.09	64.26	64.26
	12/29/2015	ND	28.43	ND	93.09	64.66	64.66
	1/7/2016	ND	28.29	ND	93.09	64.80	64.80
	1/12/2016	ND	28.25	ND	93.09	64.84	64.84
	1/21/2016	ND	28.26	ND	93.09	64.83	64.83
	1/28/2016	ND	28.18	ND	93.09	64.91	64.91
2/4/2016	ND	27.76	ND	93.09	65.33	65.33	
2/11/2016	ND	27.37	ND	93.09	65.72	65.72	
2/18/2016	ND	26.98	ND	93.09	66.11	66.11	
2/25/2016	ND	26.39	ND	93.09	66.70	66.70	
3/3/2016	ND	26.05	ND	93.09	67.04	67.04	
3/10/2016	ND	25.65	ND	93.09	67.44	67.44	
3/16/2016	ND	22.05	ND	93.09	71.04	71.04	
3/21/2016	ND	25.80	ND	93.09	67.29	67.29	
3/31/2016	ND	25.09	ND	93.09	68.00	68.00	
4/7/2016	ND	24.94	ND	93.09	68.15	68.15	
4/14/2016	ND	25.11	ND	93.09	67.98	67.98	

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
740 BNR [300, NA]	4/19/2016	ND	24.92	ND	93.09	68.17	68.17
	4/28/2016	ND	25.18	ND	93.09	67.91	67.91
	5/5/2016	ND	25.04	ND	93.09	68.05	68.05
	5/12/2016	ND	24.82	ND	93.09	68.27	68.27
	5/19/2016	ND	24.70	ND	93.09	68.39	68.39
	5/26/2016	ND	26.83	ND	93.09	66.26	66.26
	6/2/2016	ND	24.48	ND	93.09	68.61	68.61
	6/9/2016	ND	26.53	ND	93.09	66.56	66.56
	6/23/2016	ND	26.50	ND	93.09	66.59	66.59
	7/5/2016	ND	26.55	ND	93.09	66.54	66.54
	7/19/2016	ND	26.77	ND	93.09	66.32	66.32
	8/9/2016	ND	26.59	ND	93.09	66.50	66.50
	8/23/2016	ND	27.15	ND	93.09	65.94	65.94
	9/8/2016	ND	27.50	ND	93.09	65.59	65.94
	9/22/2016	ND	27.63	ND	93.09	65.46	65.46
	10/7/2016	ND	27.69	ND	93.09	65.40	65.40
	11/16/2016	ND	29.42	ND	93.09	63.67	63.67
	12/1/2016	ND	29.55	ND	93.09	63.54	63.54
	12/19/2016	ND	29.63	ND	93.09	63.46	63.46
	1/4/2017	ND	29.67	ND	93.09	63.42	63.42
	1/18/2017	ND	29.60	ND	93.09	63.49	63.49
	2/1/2017	ND	29.40	ND	93.09	63.69	63.69
	2/15/2017	ND	29.11	ND	93.09	63.98	63.98
	3/1/2017	ND	29.27	ND	93.09	63.82	63.82
	3/21/2017	ND	29.17	ND	93.09	63.92	63.92
	4/5/2017	ND	28.82	ND	93.09	64.27	64.27
	5/3/2017	ND	28.16	ND	93.09	64.93	64.93
	5/4/2017	ND	27.94	ND	93.09	65.15	65.15
5/10/2017	ND	27.85	ND	93.09	65.24	65.24	
5/16/2017	ND	27.83	ND	93.09	65.26	65.26	
6/7/2017	ND	27.28	ND	93.09	65.81	65.81	
6/22/2017	ND	29.67	ND	93.09	63.42	63.42	
750 BND [65, 53-65]	1/14/2015	ND	28.60	ND	92.88	64.28	64.28
	4/13/2015	ND	22.18	ND	92.88	70.70	70.70
	7/14/2015	ND	19.73	ND	92.88	73.15	73.15
	10/12/2015	ND	23.82	ND	92.88	69.06	69.06
	1/12/2016	ND	24.23	ND	92.88	68.65	68.65
	4/19/2016	ND	20.65	ND	92.88	72.23	72.23
	4/20/2016	Well Not Gauged					
	6/9/2016	ND	29.14	ND	92.88	63.74	63.74
	12/1/2016	Well Not Gauged					
	2/15/2017	ND	24.86	ND	92.88	68.02	68.02
	5/3/2017	ND	24.31	ND	92.88	68.57	68.57
	5/4/2017	ND	24.34	ND	92.88	68.54	68.54
	5/10/2017	ND	24.24	ND	92.88	68.64	68.64
	5/16/2017	ND	24.20	ND	92.88	68.68	68.68
750 BNR [98, 88-98]	1/14/2015	ND	22.50	ND	92.91	70.41	70.41
	4/13/2015	ND	19.41	ND	92.91	73.50	73.50
	7/14/2015	ND	25.70	ND	92.91	67.21	67.21
	10/12/2015	ND	27.60	ND	92.91	65.31	65.31
	1/12/2016	ND	27.99	ND	92.91	64.92	64.92

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
750 BNR [98, 88-98]	4/19/2016	ND	27.40	ND	92.91	65.51	65.51
	4/20/2016	Well Not Gauged					
	6/9/2016	ND	20.14	ND	92.91	72.77	72.77
	8/10/2016	Well Dry					
	12/1/2016	Well Not Gauged					
	2/15/2017	ND	24.81	ND	92.91	68.10	68.10
	5/3/2017	ND	25.07	ND	92.91	67.84	67.84
	5/4/2017	ND	25.10	ND	92.91	67.81	67.81
	5/10/2017	ND	25.11	ND	92.91	67.80	67.80
	5/16/2017	ND	25.11	ND	92.91	67.80	67.80
750 BNS [28, 19-28]	1/14/2015	ND	24.70	ND	92.87	68.17	68.17
	4/13/2015	ND	24.65	ND	92.87	68.22	68.22
	7/14/2015	ND	24.53	ND	92.87	68.34	68.34
	10/12/2015	ND	24.52	ND	92.87	68.35	68.35
	1/12/2016	ND	24.80	ND	92.87	68.07	68.07
	4/19/2016	ND	24.65	ND	92.87	68.22	68.22
	4/20/2016	Well Not Gauged - Dry Well					
	12/1/2016	Well Not Gauged					
	2/15/2017	ND	24.23	ND	92.87	68.64	68.64
	5/3/2017	ND	22.53	ND	92.87	70.34	70.34
	5/4/2017	ND	22.88	ND	92.87	69.99	69.99
	5/10/2017	ND	23.35	ND	92.87	69.52	69.52
	5/16/2017	ND	23.40	ND	92.87	69.47	69.47
MW-02 [24.5, 4.5-24.5]	1/14/2015	ND	9.10	ND	99.38	90.28	90.28
	4/14/2015	ND	6.97	ND	99.38	92.41	92.41
	7/14/2015	ND	7.06	ND	99.38	92.32	92.32
	10/12/2015	ND	10.78	ND	99.38	88.60	88.60
	1/12/2016	ND	10.74	ND	99.38	88.64	88.64
	4/19/2016	ND	8.69	ND	99.38	90.69	90.69
	12/1/2016	ND	12.35	ND	99.38	87.03	87.03
	2/15/2017	ND	12.17	ND	99.38	87.21	87.21
	5/3/2017	ND	11.64	ND	99.38	87.74	87.74
	5/4/2017	ND	11.66	ND	99.38	87.72	87.72
	5/10/2017	ND	11.33	ND	99.38	88.05	88.05
5/16/2017	ND	10.97	ND	99.38	88.41	88.41	
MW-04 [23, 3-23]	1/14/2015	ND	7.37	ND	97.52	90.15	90.15
	4/14/2015	ND	5.71	ND	97.52	91.81	91.81
	7/14/2015	ND	5.60	ND	97.52	91.92	91.92
	10/12/2015	ND	8.74	ND	97.52	88.78	88.78
	1/12/2016	ND	8.80	ND	97.52	88.72	88.72
	4/19/2016	ND	6.89	ND	97.52	90.63	90.63
	12/1/2016	ND	10.11	ND	97.52	87.41	87.41
	2/15/2017	ND	9.51	ND	97.52	88.01	88.01
	5/3/2017	ND	9.59	ND	97.52	87.93	87.93
	5/4/2017	ND	9.62	ND	97.52	87.90	87.90
	5/10/2017	ND	9.32	ND	97.52	88.20	88.20
5/16/2017	ND	9.03	ND	97.52	88.49	88.49	
MW-05D [57, 52-57]	1/14/2015	ND	13.09	ND	98.80	85.71	85.71
	4/14/2015	ND	11.11	ND	98.80	87.69	87.69

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
MW-05D [57, 52-57]	7/14/2015	ND	11.17	ND	98.80	87.63	87.63
	10/12/2015	ND	15.14	ND	98.80	83.66	83.66
	1/12/2016	ND	14.96	ND	98.80	83.84	83.84
	4/19/2016	ND	12.35	ND	98.80	86.45	86.45
	11/16/2016	ND	16.20	ND	98.80	82.60	82.60
	2/15/2017	ND	16.19	ND	98.80	82.61	82.61
	5/3/2017	ND	15.27	ND	98.80	83.53	83.53
	5/4/2017	ND	15.41	ND	98.80	83.39	83.39
	5/10/2017	ND	15.30	ND	98.80	83.50	83.50
	5/17/2017	ND	15.02	ND	98.80	83.78	83.78
MW-05R [103, 70-80]	1/14/2015	ND	13.92	ND	101.75	87.83	87.83
	4/14/2015	ND	11.90	ND	101.75	89.85	89.85
	7/14/2015	ND	11.84	ND	101.75	89.91	89.91
	10/12/2015	ND	15.98	ND	101.75	85.77	85.77
	1/12/2016	ND	15.83	ND	101.75	85.92	85.92
	4/19/2016	ND	13.17	ND	101.75	88.58	88.58
	11/16/2016	ND	17.05	ND	101.75	84.70	84.70
	2/15/2017	ND	17.06	ND	101.75	84.69	84.69
	5/3/2017	ND	16.13	ND	101.75	85.62	85.62
	5/4/2017	ND	16.25	ND	101.75	85.50	85.50
	5/10/2017	ND	16.17	ND	101.75	85.58	85.58
	5/17/2017	ND	15.90	ND	101.75	85.85	85.85
	MW-05S [23, 3-23]	1/14/2015	ND	13.70	ND	99.20	85.50
4/14/2015		ND	11.79	ND	99.20	87.41	87.41
7/14/2015		ND	11.82	ND	99.20	87.38	87.38
10/12/2015		ND	15.73	ND	99.20	83.47	83.47
1/12/2016		ND	15.52	ND	99.20	83.68	83.68
4/19/2016		ND	13.00	ND	99.20	86.20	86.20
11/16/2016		ND	16.70	ND	99.20	82.50	82.50
2/15/2017		ND	16.71	ND	99.20	82.49	82.49
5/3/2017		ND	15.78	ND	99.20	83.42	83.42
5/4/2017		ND	15.90	ND	99.20	83.30	83.30
5/10/2017		ND	15.81	ND	99.20	83.39	83.39
5/17/2017		ND	15.54	ND	99.20	83.66	83.66
MW-06D [55, 50-55]		1/14/2015	ND	19.51	ND	99.09	79.58
	4/14/2015	ND	22.65	ND	99.09	76.44	76.44
	7/14/2015	ND	17.65	ND	99.09	81.44	81.44
	10/12/2015	ND	26.56	ND	99.09	72.53	72.53
	1/12/2016	ND	21.65	ND	99.09	77.44	77.44
	4/19/2016	ND	18.60	ND	99.09	80.49	80.49
	8/9/2016	ND	21.15	ND	99.09	77.94	77.94
	11/16/2016	ND	22.31	ND	99.09	76.78	76.78
	2/15/2017	ND	22.46	ND	99.09	76.63	76.63
	5/3/2017	ND	21.00	ND	99.09	78.09	78.09
	5/4/2017	ND	26.81	ND	99.09	72.28	72.28
	5/10/2017	ND	26.89	ND	99.09	72.20	72.20
	5/17/2017	ND	26.94	ND	99.09	72.15	72.15
MW-06R [103, 70-80]	1/14/2015	ND	20.19	ND	102.21	82.02	82.02
	4/14/2015	ND	21.12	ND	102.21	81.09	81.09

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
MW-06R [103, 70-80]	7/14/2015	ND	18.03	ND	102.21	84.18	84.18
	10/12/2015	ND	25.10	ND	102.21	77.11	77.11
	1/12/2016	ND	22.14	ND	102.21	80.07	80.07
	4/19/2016	ND	19.22	ND	102.21	82.99	82.99
	4/20/2016	Well Not Gauged					
	11/16/2016	ND	22.85	ND	102.21	79.36	79.36
	2/15/2017	ND	23.22	ND	102.21	78.99	78.99
	5/3/2017	ND	21.71	ND	102.21	80.50	80.50
	5/4/2017	ND	23.47	ND	102.21	78.74	78.74
	5/10/2017	ND	24.93	ND	102.21	77.28	77.28
	5/17/2017	ND	24.89	ND	102.21	77.32	77.32
MW-06S [23, 3-23]	1/14/2015	ND	21.08	ND	98.41	77.33	77.33
	4/14/2015	ND	20.48	ND	98.41	77.93	77.93
	7/14/2015	ND	18.93	ND	98.41	79.48	79.48
	10/12/2015	ND	22.69	ND	98.41	75.72	75.72
	1/12/2016	ND	22.97	ND	98.41	75.44	75.44
	4/19/2016	ND	19.69	ND	98.41	78.72	78.72
	8/9/2016	ND	21.88	ND	98.41	76.53	76.53
	11/16/2016	ND	22.81	ND	98.41	75.60	75.60
	2/15/2017	ND	23.08	ND	98.41	75.33	75.33
	5/3/2017	ND	22.11	ND	98.41	76.30	76.30
	5/4/2017	ND	22.72	ND	98.41	75.69	75.69
	5/10/2017	ND	22.72	ND	98.41	75.69	75.69
	5/17/2017	ND	22.71	ND	98.41	75.70	75.70
MW-07D [68, 63-68]	1/14/2015	ND	17.85	ND	101.54	83.69	83.69
	4/14/2015	ND	15.48	ND	101.54	86.06	86.06
	7/14/2015	ND	15.62	ND	101.54	85.92	85.92
	10/12/2015	ND	20.03	ND	101.54	81.51	81.51
	1/12/2016	ND	19.94	ND	101.54	81.60	81.60
	4/19/2016	ND	16.92	ND	101.54	84.62	84.62
	11/16/2016	ND	21.40	ND	101.54	80.14	80.14
	2/15/2017	ND	21.32	ND	101.54	80.22	80.22
	5/3/2017	ND	20.22	ND	101.54	81.32	81.32
	5/4/2017	ND	20.32	ND	101.54	81.22	81.22
	5/10/2017	ND	20.20	ND	101.54	81.34	81.34
	5/16/2017	ND	20.03	ND	101.54	81.51	81.51
MW-07S [29, 4-29]	1/14/2015	ND	18.55	ND	102.07	83.52	83.52
	4/14/2015	ND	16.12	ND	102.07	85.95	85.95
	7/14/2015	ND	16.47	ND	102.07	85.60	85.60
	10/12/2015	ND	20.70	ND	102.07	81.37	81.37
	1/12/2016	ND	20.77	ND	102.07	81.30	81.30
	4/19/2016	ND	17.55	ND	102.07	84.52	84.52
	11/16/2016	ND	21.95	ND	102.07	80.12	80.12
	2/15/2017	ND	21.92	ND	102.07	80.15	80.15
	5/3/2017	ND	20.86	ND	102.07	81.21	81.21
	5/4/2017	ND	20.93	ND	102.07	81.14	81.14
	5/10/2017	ND	20.92	ND	102.07	81.15	81.15
	5/16/2017	ND	20.77	ND	102.07	81.30	81.30

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
MW-08D [50, 50-55]	1/14/2015	ND	20.90	ND	93.46	72.56	72.56
	4/14/2015	ND	19.25	ND	93.46	74.21	74.21
	7/14/2015	ND	18.90	ND	93.46	74.56	74.56
	10/12/2015	ND	22.90	ND	93.46	70.56	70.56
	1/12/2016	ND	22.53	ND	93.46	70.93	70.93
	4/19/2016	ND	18.85	ND	93.46	74.61	74.61
	4/20/2016	Well Not Gauged					
	11/16/2016	ND	23.4	ND	93.46	70.06	70.06
	2/15/2017	ND	23.83	ND	93.46	69.63	69.63
	5/3/2017	ND	20.65	ND	93.46	72.81	72.81
	5/4/2017	ND	21.31	ND	93.46	72.15	72.15
	5/10/2017	ND	21.77	ND	93.46	71.69	71.69
	5/17/2017	ND	21.84	ND	93.46	71.62	71.62
MW-08S [24, 4-20]	1/14/2015	ND	21.95	ND	93.33	71.38	71.38
	4/14/2015	ND	18.98	ND	93.33	74.35	74.35
	7/14/2015	ND	19.58	ND	93.33	73.75	73.75
	10/12/2015	ND	23.49	ND	93.33	69.84	69.84
	1/12/2016	ND	23.53	ND	93.33	69.80	69.80
	4/19/2016	ND	19.90	ND	93.33	73.43	73.43
	4/20/2016	Well Not Gauged					
	11/16/2016	ND	24.15	ND	93.33	69.18	69.18
	2/15/2017	ND	23.75	ND	93.33	69.58	69.58
	5/3/2017	ND	21.63	ND	93.33	71.70	71.70
	5/4/2017	ND	22.09	ND	93.33	71.24	71.24
	5/10/2017	ND	22.59	ND	93.33	70.74	70.74
	5/17/2017	ND	22.71	ND	93.33	70.62	70.62
MW-09D [30, 28-30]	1/14/2015	ND	5.10	ND	92.44	87.34	87.34
	4/14/2015	ND	4.06	ND	92.44	88.38	88.38
	7/14/2015	ND	4.31	ND	92.44	88.13	88.13
	10/12/2015	ND	6.50	ND	92.44	85.94	85.94
	1/12/2016	ND	5.90	ND	92.44	86.54	86.54
	4/19/2016	Well Not Gauged - Well Inaccessible					
	4/21/2016	Well Not Gauged - Well Inaccessible					
	11/16/2016	Well Not Gauged - Well Inaccessible					
	2/15/2017	Well Not Gauged - Well Inaccessible					
	5/3/2017	Well Not Gauged - Well Inaccessible					
	5/4/2017	Well Not Gauged - Well Inaccessible					
	5/10/2017	Well Not Gauged - Well Inaccessible					
	5/16/2017	ND	6.00	ND	92.44	86.44	86.44
MW-09S [20, 5-20]	1/14/2015	ND	5.11	ND	91.90	86.79	86.79
	4/14/2015	ND	4.42	ND	91.90	87.48	87.48
	7/14/2015	ND	4.65	ND	91.90	87.25	87.25
	10/12/2015	ND	6.47	ND	91.90	85.43	85.43
	1/12/2016	ND	5.75	ND	91.90	86.15	86.15
	4/19/2016	ND	4.76	ND	91.90	87.14	87.14
	4/21/2016	Well Not Gauged					
	11/16/2016	Well Not Gauged - Well Inaccessible					
	2/15/2017	ND	6.77	ND	91.9	85.13	85.13
	5/3/2017	Well Not Gauged - Well Inaccessible					
	5/4/2017	Well Not Gauged - Well Inaccessible					

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
MW-09S [20, 5-20]	5/10/2017	Well Not Gauged - Well Inaccessible					
	5/16/2017	Well Not Gauged - Well Inaccessible					
MW-11D [56, 51-56]	1/14/2015	ND	12.37	ND	99.41	87.04	87.04
	4/15/2015	ND	10.98	ND	99.41	88.43	88.43
	7/14/2015	ND	10.15	ND	99.41	89.26	89.26
	10/12/2015	ND	14.11	ND	99.41	85.30	85.30
	1/12/2016	ND	13.76	ND	99.41	85.65	85.65
	4/19/2016	ND	11.40	ND	99.41	88.01	88.01
	11/16/2016	ND	14.85	ND	99.41	84.56	84.56
	2/15/2017	ND	14.96	ND	99.41	84.45	84.45
	5/3/2017	Well Not Gauged - Well Inaccessible					
	5/4/2017	Well Not Gauged - Well Inaccessible					
	5/10/2017	Well Not Gauged - Well Inaccessible					
	5/16/2017	ND	13.92	ND	99.41	85.49	85.49
MW-11R [100, 90-100]	1/14/2015	ND	17.96	ND	99.75	81.79	81.79
	4/15/2015	ND	12.55	ND	99.75	87.20	87.20
	7/14/2015	ND	13.69	ND	99.75	86.06	86.06
	10/12/2015	ND	13.17	ND	99.75	86.58	86.58
	1/12/2016	ND	19.52	ND	99.75	80.23	80.23
	4/19/2016	ND	12.49	ND	99.75	87.26	87.26
	4/20/2016	Well Not Gauged					
	11/16/2016	ND	14.27	ND	99.75	85.48	85.48
	2/15/2017	ND	16.5	ND	99.75	83.25	83.25
	5/3/2017	Well Not Gauged - Well Inaccessible					
	5/4/2017	Well Not Gauged - Well Inaccessible					
	5/10/2017	Well Not Gauged - Well Inaccessible					
	5/16/2017	ND	14.88	ND	99.75	84.87	84.87
MW-11S [24, 9-24]	1/14/2015	ND	12.16	ND	99.72	87.56	87.56
	4/15/2015	ND	10.34	ND	99.72	89.38	89.38
	7/14/2015	ND	10.46	ND	99.72	89.26	89.26
	10/12/2015	ND	14.16	ND	99.72	85.56	85.56
	1/12/2016	ND	13.81	ND	99.72	85.91	85.91
	4/19/2016	ND	11.59	ND	99.72	88.13	88.13
	11/16/2016	ND	14.98	ND	99.72	84.74	84.74
	2/15/2017	ND	15.92	ND	99.72	83.80	83.80
	5/3/2017	Well Not Gauged - Well Inaccessible					
	5/4/2017	Well Not Gauged - Well Inaccessible					
	5/10/2017	Well Not Gauged - Well Inaccessible					
	5/16/2017	ND	13.66	ND	99.72	86.06	86.06
	MW-12 [90, 50-90]	1/14/2015	ND	19.39	ND	99.94	80.55
4/14/2015		ND	21.07	ND	99.94	78.87	78.87
7/14/2015		ND	17.29	ND	99.94	82.65	82.65
10/12/2015		ND	24.89	ND	99.94	75.05	75.05
1/12/2016		ND	21.39	ND	99.94	78.55	78.55
4/19/2016		ND	18.41	ND	99.94	81.53	81.53
4/20/2016		Well Not Gauged					
11/16/2016		ND	22.25	ND	99.94	77.69	77.69
2/15/2017		ND	22.42	ND	99.94	77.52	77.52
5/3/2017		Well Not Gauged					

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
MW-12 [90, 50-90]	5/4/2017	Well Not Gauged					
	5/10/2017	Well Not Gauged					
	5/17/2017	ND	25.39	ND	99.94	74.55	74.55
MW-13D [65, 45-65]	1/14/2015	ND	7.71	ND	91.05	83.34	83.34
	4/16/2015	ND	7.55	ND	91.05	83.50	83.50
	7/14/2015	ND	7.97	ND	91.05	83.08	83.08
	10/12/2015	ND	11.52	ND	91.05	79.53	79.53
	1/12/2016	ND	9.52	ND	91.05	81.53	81.53
	4/19/2016	ND	7.12	ND	91.05	83.93	83.93
	4/21/2016	Well Not Gauged					
	11/16/2016	ND	10.45	ND	91.05	80.60	80.6
	2/15/2017	ND	10.44	ND	91.05	80.61	80.61
	5/3/2017	ND	9.12	ND	91.05	81.93	81.93
	5/4/2017	ND	10.29	ND	91.05	80.76	80.76
	5/10/2017	ND	9.86	ND	91.05	81.19	81.19
	5/17/2017	ND	9.75	ND	91.05	81.30	81.3
MW-13S [35, 20-30]	1/14/2015	ND	10.60	ND	91.99	81.39	81.39
	4/16/2015	ND	9.93	ND	91.99	82.06	82.06
	7/14/2015	ND	10.10	ND	91.99	81.89	81.89
	10/12/2015	ND	14.36	ND	91.99	77.63	77.63
	1/12/2016	ND	12.47	ND	91.99	79.52	79.52
	4/19/2016	ND	10.00	ND	91.99	81.99	81.99
	4/21/2016	Well Not Gauged					
	11/16/2016	ND	13.34	ND	91.99	78.65	78.65
	2/15/2017	ND	13.11	ND	91.99	78.88	78.88
	5/3/2017	ND	11.8	ND	91.99	80.19	80.19
	5/4/2017	ND	12.52	ND	91.99	79.47	79.47
	5/10/2017	ND	12.32	ND	91.99	79.67	79.67
	5/17/2017	ND	12.10	ND	91.99	79.89	79.89
MW-14D [65, 45-65]	1/14/2015	ND	15.35	ND	94.57	79.22	79.22
	4/15/2015	ND	16.72	ND	94.57	77.85	77.85
	7/14/2015	ND	14.37	ND	94.57	80.20	80.20
	10/12/2015	ND	19.64	ND	94.57	74.93	74.93
	1/12/2016	ND	17.45	ND	94.57	77.12	77.12
	4/19/2016	ND	14.45	ND	94.57	80.12	80.12
	4/20/2016	Well Not Gauged					
	11/16/2016	ND	19.15	ND	94.57	75.42	75.42
	2/15/2017	ND	17.85	ND	94.57	76.72	76.72
	5/3/2017	ND	15.74	ND	94.57	78.83	78.83
	5/4/2017	ND	19.23	ND	94.57	75.34	75.34
	5/10/2017	ND	18.21	ND	94.57	76.36	76.36
	5/17/2017	ND	18.57	ND	94.57	76.00	76.00
MW-14S [30, 15-30]	1/14/2015	ND	17.61	ND	94.46	76.85	76.85
	4/15/2015	ND	16.35	ND	94.46	78.11	78.11
	7/14/2015	ND	16.45	ND	94.46	78.01	78.01
	10/12/2015	ND	21.31	ND	94.46	73.15	73.15
	1/12/2016	ND	19.58	ND	94.46	74.88	74.88
	4/19/2016	ND	16.51	ND	94.46	77.95	77.95
	4/20/2016	Well Not Gauged					

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
MW-14S [30, 15-30]	11/16/2016	ND	19.95	ND	94.46	74.51	74.51
	2/15/2017	ND	19.97	ND	94.46	74.49	74.49
	5/3/2017	ND	17.87	ND	94.46	76.59	76.59
	5/4/2017	ND	18.92	ND	94.46	75.54	75.54
	5/10/2017	ND	19.45	ND	94.46	75.01	75.01
	5/17/2017	ND	19.35	ND	94.46	75.11	75.11
MW-15D [65, 45-65]	1/14/2015	ND	16.60	ND	92.75	76.15	76.15
	4/15/2015	ND	15.62	ND	92.75	77.13	77.13
	7/14/2015	ND	15.75	ND	92.75	77.00	77.00
	10/12/2015	ND	20.08	ND	92.75	72.67	72.67
	1/12/2016	ND	18.32	ND	92.75	74.43	74.43
	4/19/2016	ND	15.35	ND	92.75	77.40	77.40
	8/9/2016	ND	17.73	ND	92.75	75.02	75.02
	11/16/2016	ND	18.55	ND	92.75	74.20	74.20
	2/15/2017	ND	18.51	ND	92.75	74.24	74.24
	5/3/2017	ND	17.04	ND	92.75	75.71	75.71
	5/4/2017	ND	18.39	ND	92.75	74.36	74.36
	5/10/2017	ND	18.60	ND	92.75	74.15	74.15
	5/17/2017	ND	18.58	ND	92.75	74.17	74.17
MW-15S [30, 15-30]	1/14/2015	ND	19.56	ND	92.61	73.05	73.05
	4/15/2015	ND	17.06	ND	92.61	75.55	75.55
	7/14/2015	ND	18.14	ND	92.61	74.47	74.47
	10/12/2015	ND	21.74	ND	92.61	70.87	70.87
	1/12/2016	ND	20.94	ND	92.61	71.67	71.67
	4/19/2016	ND	17.76	ND	92.61	74.85	74.85
	8/9/2016	ND	20.15	ND	92.61	72.46	72.46
	11/16/2016	ND	21.70	ND	92.61	70.91	70.91
	2/15/2017	ND	20.80	ND	92.61	71.81	71.81
	5/3/2017	ND	19.17	ND	92.61	73.44	73.44
	5/4/2017	ND	19.74	ND	92.61	72.87	72.87
	5/10/2017	ND	20.22	ND	92.61	72.39	72.39
	5/16/2017	ND	20.19	ND	92.61	72.42	72.42
MW-16D [60, 40-60]	1/14/2015	ND	9.74	ND	90.28	80.54	80.54
	4/15/2015	ND	12.57	ND	90.28	77.71	77.71
	7/14/2015	ND	8.87	ND	90.28	81.41	81.41
	10/12/2015	ND	15.85	ND	90.28	74.43	74.43
	1/12/2016	ND	11.55	ND	90.28	78.73	78.73
	4/19/2016	ND	9.10	ND	90.28	81.18	81.18
	4/20/2016	Well Not Gauged					
	11/16/2016	ND	12.35	ND	90.28	77.93	77.93
	2/15/2017	ND	12.74	ND	90.28	77.54	77.54
	5/3/2017	ND	10.80	ND	90.28	79.48	79.48
	5/4/2017	ND	13.85	ND	90.28	76.43	76.43
	5/10/2017	ND	12.44	ND	90.28	77.84	77.84
	5/17/2017	ND	12.55	ND	90.28	77.73	77.73
	MW-16S [30, 10-30]	1/14/2015	ND	10.90	ND	90.12	79.22
4/15/2015		ND	10.29	ND	90.12	79.83	79.83
7/14/2015		ND	10.74	ND	90.12	79.38	79.38
10/12/2015		ND	14.87	ND	90.12	75.25	75.25

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
MW-16S [30, 10-30]	1/12/2016	ND	12.58	ND	90.12	77.54	77.54
	4/19/2016	ND	10.42	ND	90.12	79.70	79.70
	4/20/2016	Well Not Gauged					
	11/16/2016	ND	13.5	ND	90.12	76.62	76.62
	2/15/2017	ND	13	ND	90.12	77.12	77.12
	5/3/2017	ND	11.56	ND	90.12	78.56	78.56
	5/4/2017	ND	12.63	ND	90.12	77.49	77.49
	5/10/2017	ND	12.35	ND	90.12	77.77	77.77
	5/17/2017	ND	12.13	ND	90.12	77.99	77.99
MW-17D [60, 40-60]	1/14/2015	ND	13.51	ND	88.79	75.28	75.28
	4/16/2015	ND	11.80	ND	88.79	76.99	76.99
	7/14/2015	ND	12.46	ND	88.79	76.33	76.33
	10/12/2015	ND	16.20	ND	88.79	72.59	72.59
	1/12/2016	ND	14.75	ND	88.79	74.04	74.04
	4/19/2016	ND	12.10	ND	88.79	76.69	76.69
	8/9/2016	ND	14.18	ND	88.79	74.61	74.61
	11/16/2016	ND	15.97	ND	88.79	72.82	72.82
	2/15/2017	ND	15.17	ND	88.79	73.62	73.62
	5/3/2017	ND	13.53	ND	88.79	75.26	75.26
	5/4/2017	ND	14.3	ND	88.79	74.49	74.49
	5/10/2017	ND	14.49	ND	88.79	74.30	74.3
	5/16/2017	ND	14.33	ND	88.79	74.46	74.46
MW-17S [30, 10-30]	1/14/2015	ND	14.91	ND	88.76	73.85	73.85
	4/16/2015	ND	12.72	ND	88.76	76.04	76.04
	7/14/2015	ND	14.14	ND	88.76	74.62	74.62
	10/12/2015	ND	17.44	ND	88.76	71.32	71.32
	1/12/2016	ND	16.32	ND	88.76	72.44	72.44
	4/19/2016	ND	13.60	ND	88.76	75.16	75.16
	8/9/2016	ND	14.90	ND	88.76	73.86	73.86
	11/16/2016	ND	17.36	ND	88.76	71.40	71.40
	2/15/2017	ND	16.40	ND	88.76	72.36	72.36
	5/3/2017	ND	14.78	ND	88.76	73.98	73.98
	5/4/2017	ND	15.16	ND	88.76	73.60	73.6
	5/10/2017	ND	15.52	ND	88.76	73.24	73.24
	5/16/2017	ND	15.41	ND	88.76	73.35	73.35
MW-17W [68, 63-68]	1/14/2015	ND	11.30	ND	89.12	77.82	77.82
	4/16/2015	ND	11.62	ND	89.12	77.50	77.50
	7/14/2015	ND	11.42	ND	89.12	77.70	77.70
	10/12/2015	ND	14.88	ND	89.12	74.24	74.24
	1/12/2016	ND	12.57	ND	89.12	76.55	76.55
	4/19/2016	ND	11.99	ND	89.12	77.13	77.13
	8/9/2016	ND	11.35	ND	89.12	77.77	77.77
	11/16/2016	ND	14.60	ND	89.12	74.52	74.52
	2/15/2017	ND	14.25	ND	89.12	74.87	74.87
	5/3/2017	ND	13.21	ND	89.12	75.91	75.91
	5/4/2017	ND	13.32	ND	89.12	75.80	75.8
	5/10/2017	ND	12.91	ND	89.12	76.21	76.21
	5/16/2017	ND	12.90	ND	89.12	76.22	76.22

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
MW-18 [80, 70-80]	1/14/2015	ND	19.51	ND	101.14	81.63	81.63
	4/14/2015	ND	19.69	ND	101.14	81.45	81.45
	7/14/2015	ND	17.28	ND	101.14	83.86	83.86
	10/12/2015	ND	23.74	ND	101.14	77.40	77.40
	1/12/2016	ND	21.62	ND	101.14	79.52	79.52
	4/19/2016	ND	18.51	ND	101.14	82.63	82.63
	4/20/2016	Well Not Gauged					
	11/16/2016	ND	21.32	ND	101.14	79.82	79.82
	2/15/2017	ND	22.48	ND	101.14	78.66	78.66
	5/3/2017	Well Not Gauged					
	5/4/2017	Well Not Gauged					
	5/10/2017	Well Not Gauged					
	5/17/2017	ND	23.59	ND	101.14	77.55	77.55
MW-24D [54, 40-54]	1/14/2015	ND	6.20	ND	84.54	78.34	78.34
	4/15/2015	ND	5.21	ND	84.54	79.33	79.33
	7/14/2015	ND	6.06	ND	84.54	78.48	78.48
	10/12/2015	ND	9.06	ND	84.54	75.48	75.48
	1/12/2016	ND	7.50	ND	84.54	77.04	77.04
	4/19/2016	ND	5.65	ND	84.54	78.89	78.89
	8/9/2016	ND	6.35	ND	84.54	78.19	78.19
	11/16/2016	ND	8.54	ND	84.54	76.00	76.00
	2/15/2017	ND	7.70	ND	84.54	76.84	76.84
	5/3/2017	ND	6.62	ND	84.54	77.92	77.92
	5/4/2017	ND	7.37	ND	84.54	77.17	77.17
	5/10/2017	ND	7.11	ND	84.54	77.43	77.43
	5/16/2017	ND	6.86	ND	84.54	77.68	77.68
MW-24S [30, 15-30]	1/14/2015	ND	8.66	ND	84.68	76.02	76.02
	4/15/2015	ND	7.01	ND	84.68	77.67	77.67
	7/14/2015	ND	8.62	ND	84.68	76.06	76.06
	10/12/2015	ND	11.43	ND	84.68	73.25	73.25
	1/12/2016	ND	9.73	ND	84.68	74.95	74.95
	4/19/2016	ND	8.15	ND	84.68	76.53	76.53
	8/9/2016	ND	9.35	ND	84.68	75.33	75.33
	11/16/2016	ND	11.11	ND	84.68	73.57	73.57
	2/15/2017	ND	9.20	ND	84.68	75.48	75.48
	5/3/2017	ND	9.07	ND	84.68	75.61	75.61
	5/4/2017	ND	9.29	ND	84.68	75.39	75.39
	5/10/2017	ND	9.16	ND	84.68	75.52	75.52
	5/16/2017	ND	8.99	ND	84.68	75.69	75.69
MW-25D [52, 40-52]	1/14/2015	ND	8.59	ND	82.03	73.44	73.44
	4/15/2015	ND	6.76	ND	82.03	75.27	75.27
	7/14/2015	ND	8.29	ND	82.03	73.74	73.74
	10/12/2015	ND	11.00	ND	82.03	71.03	71.03
	1/12/2016	ND	9.73	ND	82.03	72.30	72.30
	4/19/2016	ND	7.15	ND	82.03	74.88	74.88
	8/9/2016	ND	9.85	ND	82.03	72.18	72.18
	11/16/2016	ND	10.56	ND	82.03	71.47	71.47
	2/15/2017	ND	9.30	ND	82.03	72.73	72.73
	5/3/2017	ND	8.32	ND	82.03	73.71	73.71
	5/4/2017	ND	8.93	ND	82.03	73.10	73.10

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
MW-25D [52, 40-52]	5/10/2017	ND	9.04	ND	82.03	72.99	72.99
	5/16/2017	ND	8.94	ND	82.03	73.09	73.09
MW-25S [30, 15-30]	1/14/2015	ND	9.11	ND	81.86	72.75	72.75
	4/16/2015	ND	7.41	ND	81.86	74.45	74.45
	7/14/2015	ND	9.08	ND	81.86	72.78	72.78
	10/12/2015	ND	11.67	ND	81.86	70.19	70.19
	1/12/2016	ND	10.22	ND	81.86	71.64	71.64
	4/19/2016	ND	7.87	ND	81.86	73.99	73.99
	8/9/2016	ND	10.70	ND	81.86	71.16	71.16
	11/16/2016	ND	11.72	ND	81.86	70.14	70.14
	2/15/2017	ND	10.15	ND	81.86	71.71	71.71
	5/3/2017	ND	8.84	ND	81.86	73.02	73.02
	5/4/2017	ND	9.53	ND	81.86	72.33	72.33
	5/10/2017	ND	9.68	ND	81.86	72.18	72.18
	5/16/2017	ND	9.40	ND	81.86	72.46	72.46
MW-26D [46, 40-46]	1/14/2015	ND	18.78	ND	84.95	66.17	66.17
	4/16/2015	ND	16.30	ND	84.95	68.65	68.65
	7/14/2015	ND	15.49	ND	84.95	69.46	69.46
	10/12/2015	ND	19.73	ND	84.95	65.22	65.22
	1/12/2016	ND	21.07	ND	84.95	63.88	63.88
	4/19/2016	ND	14.09	ND	84.95	70.86	70.86
	8/9/2016	ND	20.30	ND	84.95	64.65	64.65
	11/16/2016	ND	22.02	ND	84.95	62.93	62.93
	2/15/2017	ND	20.81	ND	84.95	64.14	64.14
	5/3/2017	ND	15.77	ND	84.95	69.18	69.18
	5/4/2017	ND	19.68	ND	84.95	65.27	65.27
	5/10/2017	ND	18.61	ND	84.95	66.34	66.34
	5/17/2017	ND	19.90	ND	84.95	65.05	65.05
MW-26S [30, 15-30]	1/14/2015	ND	19.69	ND	85.30	65.61	65.61
	4/15/2015	ND	16.70	ND	85.30	68.60	68.60
	7/14/2015	ND	16.83	ND	85.30	68.47	68.47
	10/12/2015	ND	19.88	ND	85.30	65.42	65.42
	1/12/2016	ND	20.08	ND	85.30	65.22	65.22
	4/19/2016	ND	15.05	ND	85.30	70.25	70.25
	8/9/2016	ND	19.40	ND	85.30	65.90	65.90
	11/16/2016	ND	21.38	ND	85.30	63.92	63.92
	2/15/2017	ND	20.70	ND	85.30	64.60	64.60
	5/3/2017	ND	16.71	ND	85.30	68.59	68.59
	5/4/2017	ND	19.15	ND	85.30	66.15	66.15
	5/10/2017	ND	19.46	ND	85.30	65.84	65.84
	5/17/2017	ND	19.41	ND	85.30	65.89	65.89
RW-01 [25, 5-25]	1/14/2015	ND	7.85	ND	100.89	93.04	93.04
	4/14/2015	ND	5.99	ND	100.89	94.90	94.90
	7/14/2015	ND	5.61	ND	100.89	95.28	95.28
	10/12/2015	ND	9.17	ND	100.89	91.72	91.72
	1/12/2016	ND	9.25	ND	100.89	91.64	91.64
	4/19/2016	ND	7.21	ND	100.89	93.68	93.68
	8/9/2016	ND	8.30	ND	100.89	92.59	92.59
	12/1/2016	ND	10.61	ND	100.89	90.28	90.28

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data					
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE
RW-01 [25, 5-25]	2/15/2017	ND	10.44	ND	100.89	90.45	90.45
	5/3/2017	ND	10.08	ND	100.89	90.81	90.81
	5/4/2017	ND	10.12	ND	100.89	90.77	90.77
	5/10/2017	Car parked on well					
	5/16/2017	ND	9.51	ND	100.89	91.38	91.38
RW-03 [23, 3-23]	1/14/2015	ND	7.79	ND	100.36	92.57	92.57
	4/15/2015	ND	5.88	ND	100.36	94.48	94.48
	7/14/2015	ND	5.85	ND	100.36	94.51	94.51
	10/12/2015	ND	9.49	ND	100.36	90.87	90.87
	1/12/2016	ND	9.62	ND	100.36	90.74	90.74
	4/19/2016	ND	7.51	ND	100.36	92.85	92.85
	8/9/2016	ND	7.58	ND	100.36	92.78	92.78
	12/1/2016	ND	11.20	ND	100.36	89.16	89.16
	2/15/2017	ND	11.03	ND	100.36	89.33	89.33
	5/3/2017	ND	10.40	ND	100.36	89.96	89.96
	5/4/2017	ND	10.44	ND	100.36	89.92	89.92
	5/10/2017	ND	10.13	ND	100.36	90.23	89.23
	5/16/2017	ND	9.83	ND	100.36	90.53	90.53
RW-10 [20, 5-20]	1/14/2015	ND	7.46	ND	99.88	92.42	92.42
	4/14/2015	ND	6.47	ND	99.88	93.41	93.41
	7/14/2015	ND	5.14	ND	99.88	94.74	94.74
	10/12/2015	ND	9.07	ND	99.88	90.81	90.81
	1/12/2016	ND	9.18	ND	99.88	90.70	90.70
	4/19/2016	ND	7.09	ND	99.88	92.79	92.79
	8/9/2016	ND	8.20	ND	99.88	91.68	91.68
	12/1/2016	ND	10.52	ND	99.88	89.36	89.36
	2/15/2017	ND	10.43	ND	99.88	89.45	89.45
	5/3/2017	ND	9.91	ND	99.88	89.97	89.33
	5/4/2017	ND	9.93	ND	99.88	89.95	89.33
	5/10/2017	ND	9.65	ND	99.88	90.23	89.33
	5/16/2017	ND	9.37	ND	99.88	90.51	90.51
RW-19 [50, 10-50]	3/31/2016	Well Not Gauged - Dry Well					
RW-19A	1/14/2015	ND	24.35	ND	91.19	66.84	66.84
	4/13/2015	ND	31.97	ND	91.19	59.22	59.22
	7/14/2015	ND	32.19	ND	91.19	59.00	59.00
	10/12/2015	ND	23.85	ND	91.19	67.34	67.34
	1/12/2016	ND	40.90	ND	91.19	50.29	50.29
	4/19/2016	ND	40.73	ND	91.19	50.46	50.46
	8/10/2016	Well Not Gauged					
RW-20 [52, 10-50]	1/14/2015	ND	25.20	ND	88.30	63.10	63.10
	4/13/2015	ND	24.12	ND	88.30	64.18	64.18
	7/14/2015	ND	28.73	ND	88.30	59.57	59.57
	10/12/2015	ND	25.78	ND	88.30	62.52	62.52
	1/12/2016	ND	25.08	ND	88.30	63.22	63.22
	4/19/2016	ND	24.42	ND	88.30	63.88	63.88
	8/10/2016	Well Not Gauged					

Table 1
Groundwater Gauging Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Gauging Data						
		Depth to Product	Depth to GW	Product Thickness	Top of Casing Elev.	GWE	Corrected GWE	
RW-21 [50, 10-50]	1/14/2015	ND	28.67	ND	85.00	56.33	56.33	
	4/13/2015	ND	26.00	ND	85.00	59.00	59.00	
	7/14/2015	ND	27.99	ND	85.00	57.01	57.01	
	10/12/2015	ND	30.79	ND	85.00	54.21	54.21	
	1/12/2016	ND	30.55	ND	85.00	54.45	54.45	
	4/19/2016	ND	24.99	ND	85.00	60.01	60.01	
	8/10/2016	Well Not Gauged						
RW-22 [65, 10-65]	1/14/2015	ND	19.48	ND	98.95	79.47	79.47	
	4/13/2015	ND	24.22	ND	98.95	74.73	74.73	
	7/14/2015	ND	17.99	ND	98.95	80.96	80.96	
	10/12/2015	ND	45.31	ND	98.95	53.64	53.64	
	1/12/2016	ND	21.90	ND	98.95	77.05	77.05	
	4/19/2016	ND	47.47	ND	98.95	51.48	51.48	
	8/10/2016	Well Not Gauged						
RW-23 [65, 10-65]	1/14/2015	ND	12.51	ND	91.44	78.93	78.93	
	4/13/2015	ND	27.42	ND	91.44	64.02	64.02	
	7/14/2015	ND	11.67	ND	91.44	79.77	79.77	
	10/12/2015	ND	31.58	ND	91.44	59.86	59.86	
	1/12/2016	ND	14.16	ND	91.44	77.28	77.28	
	4/19/2016	ND	31.28	ND	91.44	60.16	60.16	
	8/10/2016	Well Not Gauged						
RW-27	1/14/2015	ND	29.45	ND	82.50	53.05	53.05	
	4/13/2015	ND	28.34	ND	82.50	54.16	54.16	
	7/14/2015	ND	28.22	ND	82.50	54.28	54.28	
	10/12/2015	ND	25.47	ND	82.50	57.03	57.03	
	1/12/2016	ND	32.10	ND	82.50	50.40	50.40	
	4/19/2016	ND	29.66	ND	82.50	52.84	52.84	
	8/10/2016	Well Not Gauged						
TF-01	1/14/2015	Well Not Gauged - Well Inaccessible						
	4/13/2015	Well Not Gauged						
	7/14/2015	Well Not Gauged - Well Inaccessible						
	10/12/2015	Well Not Gauged						
	1/12/2016	Well Not Gauged - Well Inaccessible						
	4/19/2016	ND	8.20	ND	NA	NC	NC	
TF-02	1/14/2015	Well Not Gauged - Well Inaccessible						
	4/13/2015	ND	6.77	ND	NA	NC	NC	
	7/14/2015	ND	6.78	ND	NA	NC	NC	
	10/12/2015	ND	10.40	ND	NA	NC	NC	
	1/12/2016	ND	10.53	ND	NA	NC	NC	
	4/19/2016	ND	8.39	ND	NA	NC	NC	

Notes:
[Well Depth, Screen Interval] - Feet below ground surface
NC - Not Calculated - Top of casing elevation unknown; unable to calculate GWE
ND - Not Detected
NM - Not Measurable
NA - Not Available

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
710 BNR	10/18/2003	ND	ND	ND	ND	ND	3.2	ND	NS	NS
	11/20/2003	ND	ND	ND	ND	ND	1.8	ND	ND	ND
	2/13/2004	ND	ND	ND	ND	ND	3.6	ND	ND	ND
	10/22/2004	ND	ND	ND	ND	ND	5.5	ND	ND	ND
	12/8/2004	ND	ND	ND	ND	ND	4.5	ND	ND	ND
	3/31/2005	ND	ND	ND	NS	ND	6.5	NS	ND	ND
	6/23/2005	ND	ND	ND	ND	ND	4.2	ND	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	4.9	ND	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	6.3	NS	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	3.56	NS	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	6.04	NS	ND	ND
	9/26/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(5.0)	5.54	NS	ND(100)	ND(93.9)
	12/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	6.18	NS	ND(100)	ND(93.9)
	3/26/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	5.0	NS	ND(100)	160
	6/8/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	5.9	NS	ND(100)	ND(98)
	9/13/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	5.71	ND(20)	ND(100)	ND(95.2)
	12/3/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	7.26	NS	ND(100)	2710
	3/27/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	4.0	NS	ND(100)	ND(50)
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	4.0	NS	ND(100)	230
	9/22/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND	ND(0.5665)	5.415	NS	120	4,000
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	NS	ND(25)	21.0
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	5.54	ND(2.0)	ND(25)	1,400
	6/4/2009	ND(0.2105)	2.01	ND(0.1959)	ND(0.231)	2.01	3.35	NS	ND(25)	ND(25)
	9/10/2009	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.8)	3.26	ND(15)	ND(13)	ND(36)
	12/2/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	5.13	NS	27.0	ND(36)
	3/15/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	1.7	NS	ND(25)	79.0
	6/11/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	3.3	NS	ND(200)	ND(100)
	8/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.6	ND(25)	ND(200)	ND(110)
	11/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.4	NS	ND(200)	ND(100)
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.0	NS	ND(200)	ND(100)
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	NS	ND(200)	211
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.6	NS	ND(200)	ND(100)
	11/2/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.4	NS	ND(200)	ND(100)
	2/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.3	ND(25)	NS	NS
	5/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.2	ND(25)	ND(200)	ND(110)
	8/7/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.1	ND(25)	NS	NS
	11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.98	J	ND(25)	NS
	1/15/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.90	J	ND(25)	NS
	4/1/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.90	J	ND(25)	NS
	7/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.72	J	ND(25)	NS
	10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.68	J	ND(25)	NS
	1/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.61	J	ND(25)	NS
	4/8/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	0.47	J	ND(25)	NS
7/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.92	J	ND(25)	NS	
10/13/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.74	J	ND(10)	NS	
1/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.60	J	ND(10)	NS	
4/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.73	J	ND(10)	NS	
7/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.57	J	ND(10)	NS	
10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.55	J	ND(10)	NS	
1/12/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.44	J	ND(10)	NS	
4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.45	J	ND(10)	NS	
8/10/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.52	J	ND(10)	NS	
2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.41	J	ND(10)	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)									
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO	
711 BNR	10/3/2003	ND	ND	ND	ND	ND	ND	ND	NS	NS	
	11/21/2003	ND	ND	ND	ND	ND	0.46	ND	ND	ND	
	2/13/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	9/26/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(5.0)	1.04	NS	ND(100)	ND(93.9)	
	12/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.47	NS	ND(100)	ND(94.3)	
	3/26/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	ND(2.0)	NS	ND(100)	ND(100)	
	6/8/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.04	NS	ND(100)	ND(118)	
	9/13/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.71	ND(20)	ND(100)	ND(95.2)	
	12/3/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	3.05	NS	ND(100)	ND(94.3)	
	3/27/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.0	NS	ND(100)	ND(50)	
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(100)	ND(50)	
	9/22/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND	ND(0.5665)	ND(0.2562)	NS	ND(20)	53.0 I	
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	0.81	0.81	ND(0.2562)	NS	ND(25)	14.0 I	
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	1.19	I	ND(2.0)	ND(25)	26.0 I
	6/4/2009	ND(0.2105)	1.21	ND(0.1959)	ND(0.231)	1.21	ND(0.2562)	NS	ND(25)	ND(25)	
	9/10/2009	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.8)	0.47	I	ND(15)	ND(13)	ND(36)
	12/2/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	0.80	I	NS	ND(25)	ND(36)
	3/15/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	ND(0.261)	NS	ND(25)	40	
	6/11/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)	
	8/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)	
	11/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.50	J	NS	ND(200)	ND(110)
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.44	J	NS	ND(200)	ND(120)
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.37	J	NS	ND(200)	243
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(110)	
	11/2/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)	
	2/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS	
	5/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)	
	8/7/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.46	J	ND(25)	NS	NS
	11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.45	J	ND(25)	NS	NS
	1/15/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.40	J	ND(25)	NS	NS
	4/1/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.26	J	ND(25)	NS	NS
	7/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS	
	10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS	
	1/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS	
	4/8/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS	
	7/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.27	J	ND(25)	NS	NS
	10/13/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	1/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	4/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	7/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		
4/19/2016	ND(0.5)	0.22	J	ND(1.0)	0.73	J	0.95	ND(1.0)	ND(10)	NS	NS
8/10/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)									
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO	
720 BNR	10/18/2003	ND	ND	ND	ND	ND	21.0	ND	NS	NS	
	11/20/2003	ND	ND	ND	ND	ND	27.7	ND	ND	ND	
	12/23/2003	ND	ND	ND	ND	ND	23.0	ND	ND	ND	
	1/16/2004	ND	ND	ND	ND	ND	22.0	NS	ND	ND	
	2/13/2004	ND	ND	ND	ND	ND	26.7	ND	ND	ND	
	3/2/2004	ND	ND	ND	ND	ND	28.9	ND	ND	ND	
	3/25/2004	ND	ND	ND	ND	ND	25.2	ND	ND	ND	
	4/16/2004	ND	ND	ND	ND	ND	26.6	ND	ND	ND	
	5/26/2004	ND	ND	ND	ND	ND	27.1	ND	ND	ND	
	6/22/2004	ND	ND	ND	ND	ND	24.8	ND	ND	ND	
	8/26/2004	ND	ND	ND	ND	ND	25.0	ND	ND	ND	
	10/22/2004	ND	ND	ND	ND	ND	15.6	ND	ND	ND	
	12/8/2004	ND	ND	ND	ND	ND	12.7	ND	ND	ND	
	3/31/2005	ND	ND	ND	ND	ND	14.5	NS	ND	ND	
	6/23/2005	ND	ND	ND	ND	ND	11.5	ND	ND	ND	
	8/17/2005	ND	ND	ND	ND	ND	12.2	ND	ND	ND	
	11/17/2005	ND	ND	ND	ND	ND	13.1	NS	ND	ND	
	3/30/2006	ND	ND	ND	ND	ND	7.88	NS	ND	ND	
	6/29/2006	ND	ND	ND	ND	ND	5.68	NS	ND	ND	
	9/26/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(5.0)	3.17	NS	ND(100)	ND(96.2)	
	12/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.59	NS	ND(100)	ND(97.1)	
	3/26/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	ND(2.0)	NS	ND(100)	ND(100)	
	6/8/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	NS	ND(100)	ND(111)	
	9/13/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(100)	
	12/3/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.2	NS	ND(100)	ND(100)	
	3/27/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(100)	ND(50)	
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(100)	ND(50)	
	9/22/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND	ND(0.5665)	ND(0.2562)	NS	ND(20)	49.0	
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	0.53	0.53	ND(0.2562)	NS	ND(25)	ND(14)	
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	ND(25)	
	6/4/2009	ND(0.2105)	4.62	ND(0.1959)	ND(0.231)	4.62	ND(0.2562)	NS	41.0	ND(26)	
	9/10/2009	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.8)	0.56	ND(15)	ND(13)	ND(36)	
	12/2/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	0.77	NS	31.0	ND(36)	
	3/15/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	ND(0.261)	NS	ND(25)	117	
	6/11/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.77	J	NS	ND(200)	ND(100)
	8/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.54	J	ND(25)	ND(200)	ND(110)
	11/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.48	J	NS	ND(200)	ND(120)
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	137	
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.30	J	ND(25)	ND(200)	ND(130)
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.34	J	NS	ND(200)	ND(100)
	11/2/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.30	J	NS	ND(200)	ND(100)
	2/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.35	J	ND(25)	NS	NS
	5/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.40	J	ND(25)	ND(200)	ND(100)
	8/7/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.40	J	ND(25)	NS	NS
	11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.24	J	ND(25)	NS	NS
	1/15/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS	
	4/1/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.24	J	ND(25)	NS	NS
	7/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.30	J	ND(25)	NS	NS
	10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS	
	1/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS	
4/8/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS		
7/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.56	J	ND(25)	NS	NS	
10/13/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.48	J	ND(10)	NS	NS	
1/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		
4/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		
7/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.32	J	ND(10)	NS	NS	
10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.24	J	ND(10)	NS	NS	
1/12/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		
4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		
8/10/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		
11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		
2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
721 BND	8/7/2012	ND(1.0)	ND(1.0)	ND(1.0)	4.6	4.6	ND(1.0)	ND(25)	NS	NS
	11/13/2012	4.4	0.34 J	ND(1.0)	10.1	14.84	ND(1.0)	ND(25)	NS	NS
	1/16/2013	1.0	1.5	0.46 J	5.0	7.96	0.70 J	ND(25)	NS	NS
	4/2/2013	9.3	ND(1.0)	ND(1.0)	1.8	11.1	ND(1.0)	ND(25)	NS	NS
	7/10/2013	4.1	ND(1.0)	ND(1.0)	8.7	12.8	ND(1.0)	ND(25)	NS	NS
	10/22/2013	0.88 J	ND(1.0)	ND(1.0)	2.7	3.58	ND(1.0)	ND(25)	NS	NS
	1/15/2014	4.8	ND(1.0)	ND(1.0)	7.1	11.9	ND(1.0)	ND(25)	NS	NS
	4/8/2014	0.9	ND(1.0)	ND(0.5)	2.6	3.5	ND(1.0)	ND(25)	NS	NS
	7/15/2014	ND(0.5)	ND(1.0)	ND(1.0)	0.48 J	0.48	ND(1.0)	ND(25)	NS	NS
	10/15/2014	ND(0.5)	ND(1.0)	ND(1.0)	0.55 J	0.55	ND(1.0)	ND(10)	NS	NS
	1/15/2015	1.2	ND(1.0)	ND(1.0)	1.1	2.3	ND(1.0)	ND(10)	NS	NS
	4/13/2015	0.26 J	ND(1.0)	ND(1.0)	0.52 J	0.78	ND(1.0)	ND(10)	NS	NS
	7/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	10/12/2015	0.56	ND(1.0)	ND(1.0)	ND(1.0)	0.56	ND(1.0)	ND(10)	NS	NS
	1/13/2016	0.25 J	ND(1.0)	ND(1.0)	ND(1.0)	0.25	ND(1.0)	ND(10)	NS	NS
	4/21/2016	0.35 J	ND(1.0)	ND(1.0)	0.36 J	0.71	ND(1.0)	ND(10)	NS	NS
	8/10/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
2/15/2017	0.63	ND(1.0)	ND(1.0)	0.79 J	1.42	ND(1.0)	ND(10)	NS	NS	
5/16/2017	4.5	ND(1.0)	ND(1.0)	6.5	11	ND(1.0)	ND(10)	NS	NS	
721 BNR	10/3/2003	ND	ND	ND	ND	ND	2.5	NS	NS	NS
	11/20/2003	ND	ND	ND	ND	ND	2.8	ND	ND	ND
	12/23/2003	ND	ND	ND	ND	ND	2.7	ND	ND	ND
	1/16/2004	ND	ND	ND	ND	ND	2.6	ND	ND	ND
	2/13/2004	ND	ND	ND	ND	ND	3.0	ND	ND	ND
	3/2/2004	ND	ND	ND	ND	ND	3.2	ND	ND	ND
	3/25/2004	ND	ND	ND	ND	ND	3.0	ND	ND	ND
	4/16/2004	ND	ND	ND	ND	ND	3.0	ND	ND	ND
	6/24/2004	ND	NS	NS	ND	ND	3.6	NS	ND	NS
	10/22/2004	ND	ND	ND	ND	ND	4.8	ND	ND	ND
	12/8/2004	ND	ND	ND	ND	ND	3.7	ND	ND	ND
	3/31/2005	ND	ND	ND	ND	ND	4.4	NS	ND	ND
	6/23/2005	ND	ND	ND	ND	ND	2.6	ND	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	2.6	ND	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	2.9	NS	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	2.74	NS	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	1.74	NS	ND	ND
	9/26/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(5.0)	1.74	NS	ND(100)	ND(96.2)
	12/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.28	NS	ND(100)	ND(97.1)
	3/26/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	ND(2.0)	NS	ND(100)	ND(100)
	6/8/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	NS	ND(100)	ND(100)
	9/13/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(105)
	12/3/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	NS	ND(100)	ND(100)
	3/27/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(100)	ND(50)
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(100)	ND(50)
	9/22/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND	ND(0.5665)	ND(0.2562)	NS	ND(20)	55.0 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	NS	ND(25)	87.0
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	ND(25)
	6/4/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.231)	ND(0.7975)	ND(0.2562)	NS	ND(25)	ND(25)
	9/10/2009	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.8)	ND(0.2)	ND(15)	ND(13)	ND(36)
	12/2/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	ND(0.261)	NS	29.0 I	ND(36)
	3/15/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	ND(0.261)	NS	ND(25)	113
	6/11/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)
	8/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
	11/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)
	11/2/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)
	2/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	5/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.21 J	ND(25)	ND(200)	ND(100)
	8/7/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	1/15/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/1/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	7/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	1/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/8/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
	7/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(25)	NS	NS
10/13/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
1/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
4/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
7/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
1/12/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
8/10/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)									
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO	
721 BNS	8/7/2012	0.63 J	1.3	0.97 J	6.7	9.6	8.2	40.0	NS	NS	
	11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.26 J	ND(25)	NS	NS	
	1/16/2013	0.77 J	ND(1.0)	ND(1.0)	ND(1.0)	0.77	ND(1.0)	ND(25)	NS	NS	
	4/2/2013	3.7	ND(1.0)	ND(1.0)	11.0	14.7	ND(1.0)	ND(25)	NS	NS	
	7/10/2013	4.6	ND(1.0)	ND(1.0)	ND(1.0)	4.6	ND(1.0)	ND(25)	NS	NS	
	10/22/2013	1.1	ND(1.0)	ND(1.0)	ND(1.0)	1.1	ND(1.0)	ND(25)	NS	NS	
	1/15/2014	0.69 J	ND(1.0)	ND(1.0)	ND(1.0)	0.69	ND(1.0)	ND(25)	NS	NS	
	4/8/2014	1.0	ND(1.0)	ND(0.5)	ND(1.0)	1.0	ND(1.0)	ND(25)	NS	NS	
	7/15/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(25)	NS	NS	
	10/15/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	1/15/2015	1.0	ND(1.0)	ND(1.0)	ND(1.0)	1.0	ND(1.0)	ND(10)	NS	NS	
	4/13/2015	0.73	ND(1.0)	ND(1.0)	ND(1.0)	0.73	ND(1.0)	ND(10)	NS	NS	
	7/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	1/13/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	4/21/2016	1.3	ND(1.0)	ND(1.0)	ND(1.0)	1.3	ND(1.0)	ND(10)	NS	NS	
	8/10/2016	0.39 J	ND(1.0)	ND(1.0)	ND(1.0)	0.39	ND(1.0)	ND(10)	NS	NS	
	11/16/2016	ND(0.5)	ND(1.0)	ND(1.0)	0.34 J	0.34	ND(1.0)	ND(10)	NS	NS	
5/16/2017	1.5	ND(1.0)	ND(1.0)	ND(1.0)	1.5	ND(1.0)	ND(10)	NS	NS		
730 BND	10/1/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	3.2	ND(6.14)	26.0 I	260	
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	2.62	ND(6.14)	ND(25)	60.0 I	
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)	
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.6	ND(25)	ND(200)	ND(100)	
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.6	ND(25)	ND(200)	190	
	11/2/2011	0.074 J	ND(0.5)	ND(0.5)	ND(0.5)	0.074	0.19 J	ND(5.0)	ND(200)	ND(100)	
	2/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.7	ND(25)	NS	NS	
	5/3/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.3	ND(25)	ND(200)	ND(100)	
	8/7/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.0	ND(25)	NS	NS	
	11/14/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.0	ND(25)	NS	NS	
	1/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	ND(25)	NS	NS	
	4/3/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	ND(25)	NS	NS	
	7/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.4	ND(25)	NS	NS	
	10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.3	ND(25)	NS	NS	
	1/15/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.3	ND(25)	NS	NS	
	4/8/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	0.87 J	ND(25)	NS	NS	
	7/15/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.0	ND(25)	NS	NS	
	10/15/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.3	ND(10)	NS	NS	
	1/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	4/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.88 J	ND(10)	NS	NS	
	7/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.60 J	ND(10)	NS	NS	
	8/6/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.54 J	ND(10)	NS	NS	
	9/3/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.54 J	ND(10)	NS	NS	
	10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.60 J	ND(10)	NS	NS	
	11/4/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.66 J	ND(10)	NS	NS	
	12/4/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.72 J	ND(10)	NS	NS	
	1/13/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.64 J	ND(10)	NS	NS	
	2/4/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.70 J	ND(10)	NS	NS	
	3/3/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.53 J	ND(10)	NS	NS	
	4/21/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.45 J	ND(10)	NS	NS	
	5/5/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.57 J	ND(10)	NS	NS	
	6/9/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	7/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	8/10/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	9/8/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	10/7/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
11/16/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		
12/1/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		
1/4/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		
2/1/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		
3/1/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		
4/5/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		
6/7/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
730 BNR	8/7/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.90 J	ND(25)	NS	NS
	11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.29 J	ND(25)	NS	NS
	1/15/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.5	ND(25)	NS	NS
	4/1/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	7/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.71 J	ND(25)	NS	NS
	1/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/8/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
	7/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.86 J	ND(25)	NS	NS
	10/13/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.49 J	ND(10)	NS	NS
	1/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	4/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	7/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.48 J	ND(10)	NS	NS
	10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	1/12/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.25 J	ND(10)	NS	NS
	4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.48 J	ND(10)	NS	NS
	8/10/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.51 J	ND(10)	NS	NS
	11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.58 J	ND(10)	NS	NS
	730 BNS	10/1/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	2.86	ND(6.14)	ND(25)
12/2/2010		ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	1.27	ND(6.14)	32.0 I	ND(40)
5/19/2011		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	ND(25)	ND(200)	ND(100)
8/9/2011		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.55 J	ND(25)	ND(200)	ND(100)
11/2/2011		ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	1.5	ND(5.0)	ND(200)	ND(100)
2/2/2012		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.4	ND(25)	NS	NS
5/3/2012		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.6	ND(25)	ND(200)	ND(110)
8/7/2012		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.5	ND(25)	NS	NS
11/13/2012		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.7	ND(25)	NS	NS
1/16/2013		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.3	ND(25)	NS	NS
4/3/2013		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.1	ND(25)	NS	NS
7/10/2013		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.1	ND(25)	NS	NS
10/22/2013		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.90 J	ND(25)	NS	NS
1/15/2014		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.0	ND(25)	NS	NS
4/8/2014		ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	0.62 J	ND(25)	NS	NS
7/15/2014		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.55 J	ND(25)	NS	NS
10/15/2014		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.70 J	ND(10)	NS	NS
1/15/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.69 J	ND(10)	NS	NS
4/13/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.56 J	ND(10)	NS	NS
7/15/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
8/6/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.45 J	ND(10)	NS	NS
9/3/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.38 J	ND(10)	NS	NS
10/12/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.50 J	ND(10)	NS	NS
11/4/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.51 J	ND(10)	NS	NS
12/4/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.57 J	ND(10)	NS	NS
1/13/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.55 J	ND(10)	NS	NS
2/4/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.54 J	ND(10)	NS	NS
3/3/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.49 J	ND(10)	NS	NS
4/21/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.37 J	ND(10)	NS	NS
5/5/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.48 J	ND(10)	NS	NS
6/9/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
7/19/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
9/8/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
10/7/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
11/16/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.44 J	ND(10)	NS	NS
12/1/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
1/4/2017		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.43 J	ND(10)	NS	NS
2/1/2017		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.46 J	ND(10)	NS	NS
3/1/2017		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.35 J	ND(10)	NS	NS
4/5/2017		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.43 J	ND(10)	NS	NS
6/7/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
740 BNR	1/15/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/1/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.3	ND(25)	NS	NS
	7/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	ND(25)	NS	NS
	1/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.3	ND(25)	NS	NS
	4/8/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	0.91	ND(25)	NS	NS
	7/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2.8	ND(25)	NS	NS
	4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	4.1	ND(10)	NS	NS
	8/10/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	3.3	ND(10)	NS	NS
	11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	3.2	ND(10)	NS	NS
	2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2.6	ND(10)	NS	NS
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.7	ND(10)	NS	NS	
750 BND	6/22/2005	ND	ND	ND	ND	ND	ND	ND	ND	664
	11/17/2005	ND	ND	ND	ND	ND	0.59	ND	ND	529
	3/30/2006	ND	ND	ND	ND	ND	ND	ND	ND	NS
	6/29/2006	NS	NS	ND	ND	NS	4.79	ND	ND	127
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	9.88	ND(10)	ND(100)	686
	12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	80.6	ND(20)	124	ND(100)
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	7.05	ND(20)	ND(100)	120
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	75.7	ND(20)	ND(100)	131
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	3.6	ND(20)	ND(100)	603
	12/5/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	7.94	ND(20)	ND(100)	353
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	5.6	5.6	670	ND(100)	820	ND(50)
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	4.3	4.3	770	68.0	810	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	5.2	5.2	900	ND(1.0)	480	78.0
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	1.122	1.122	616.5	99.3	1,020	41.0
	2/20/2009	ND(0.2105)	0.5379	ND(0.1959)	ND(0.6946)	0.5379	990.1	ND(2.0)	561	NS
	5/7/2009	ND(0.2105)	1.04	ND(0.1959)	ND(0.6946)	1.04	924.4	507	279	ND(25)
	9/23/2009	ND(1.05)	ND(1.24)	ND(0.98)	ND(3.48)	ND(6.75)	214	ND(75)	43.0	ND(36)
	12/7/2009	ND(4.21)	ND(4.94)	ND(3.92)	ND(13.91)	ND(26.98)	1640	ND(300)	954	54.0
	3/11/2010	ND(2.11)	ND(2.47)	ND(1.96)	ND(6.96)	ND(13.5)	1660	208	1280	41.0
	5/20/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	797	187	487	60.0
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	ND(36)
	12/2/2010	ND(0.249)	0.68	0.28	1.41	2.37	304	221	243	54.0
	2/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1,270	ND(25)	1,380	155
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	967	ND(25)	681	270
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	283	ND(25)	373	ND(100)
	11/2/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	136	26.8	ND(200)	194
	5/4/2012	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	958	ND(130)	1,340	ND(100)
	11/14/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	992	68.1	NS	NS
	4/4/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	858	44.7	NS	NS
	10/23/2013	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	1,070	106	NS	NS
	4/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	1,110	107	NS	NS
	10/15/2014	ND(0.5)	0.37	ND(1.0)	ND(1.0)	ND(1.0)	89.2	ND(10)	NS	NS
	4/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	92.9	ND(10)	NS	NS
10/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1,460	152	NS	NS	
4/20/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1,320	95.4	NS	NS	
12/1/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	106	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	9	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
750 BNR	10/3/2003	ND	ND	ND	ND	ND	51.0	ND	NS	NS
	10/18/2003	ND	ND	ND	ND	ND	77.0	ND	NS	NS
	11/20/2003	ND	ND	ND	0.23	0.23	77.9	ND	ND	ND
	12/23/2003	ND	ND	ND	0.43	0.43	62.2	ND	ND	ND
	3/2/2004	ND	ND	ND	ND	ND	65.1	ND	ND	ND
	3/25/2004	ND	ND	ND	ND	ND	46.8	ND	ND	ND
	10/4/2004	ND	NS	NS	ND	ND	51.7	NS	NS	NS
	12/8/2004	ND	ND	ND	ND	ND	35.7	ND	ND	ND
	3/31/2005	ND	NS	NS	NS	NS	9.2	NS	ND	ND
	6/22/2005	ND	0.23	ND	ND	0.23	ND	ND	ND	1,430
	11/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	298
	3/30/2006	NS	NS	NS	NS	NS	NS	ND	NS	NS
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	126
	9/26/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(5.0)	14.2	NS	ND(100)	ND(99)
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(10)	ND(100)	115
	12/19/2006	6.74	12.8	6.33	28.1	53.97	ND(1.0)	ND(20)	167	243
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	2.28	ND(20)	ND(100)	170
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.72	ND(20)	ND(100)	1,720
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(118)
	12/5/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	60.6	ND(20)	ND(100)	ND(94.3)
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	10.0	ND(100)	ND(100)	160
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	47.0	7.1	ND(100)	170
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	21.0	ND(1.0)	ND(20)	140
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	24.34	3.29	45.0	69.0
	2/20/2009	ND(0.2105)	0.8475	ND(0.1959)	0.5067	1.3542	34.4	ND(2.0)	29.0	NS
	5/7/2009	ND(0.2105)	1.17	ND(0.1959)	ND(0.6946)	1.17	30.69	ND(2.0)	ND(25)	120
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	25.1	ND(15)	25.0	72.0
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	34.9	ND(15)	54.0	86.0
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	32	ND(15)	54.0	46.0
	5/20/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	38.5	ND(15)	33.0	106
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	41.8	25.3	45.0	ND(36)
	12/2/2010	ND(0.249)	0.85	0.274	0.689	1.813	43.6	ND(6.14)	48.0	99.0
	2/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	38.4	ND(25)	ND(200)	228
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	37.9	ND(25)	ND(200)	472
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	42.6	ND(25)	ND(200)	267
	11/2/2011	ND(0.5)	0.081	ND(0.5)	0.21	0.291	39.4	5.4	ND(200)	208
	5/4/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	50.5	ND(25)	ND(200)	122
	11/14/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	66.9	ND(25)	NS	NS
	4/1/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	45.9	ND(25)	NS	NS
	10/24/2013	ND(1.0)	0.70	ND(1.0)	0.37	1.07	69.1	ND(25)	NS	NS
	4/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	75.9	ND(25)	NS	NS
	7/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	83.2	6.5	NS	NS
	10/15/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1,350	143	NS	NS
	1/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1,380	153	NS	NS
	4/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	0.43	0.43	1,450	218	NS	NS
	7/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	84.3	ND(10)	NS	NS
	10/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	109	ND(10)	NS	NS
1/12/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	115	ND(10)	NS	NS	
4/20/2016	0.56	0.18	ND(1.0)	ND(1.0)	0.74	114	ND(10)	NS	NS	
8/9/2016										
12/1/2016										
2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	103	3.7	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
750 BNS	6/22/2005	ND	ND	ND	ND	ND	ND	ND	ND	554
	11/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	3.13	ND	ND	NS
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(10)	ND(100)	NS
	12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	NS
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	ND(1.0)	ND(20)	ND(100)	NS
	6/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	NS
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(118)
	12/5/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	NS
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	300
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(5.0)	ND(100)	200
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	NS
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	NS
	2/20/2009	ND(0.2105)	0.7117 I	ND(0.1959)	ND(0.6946)	0.7117	1.375 I	ND(2.0)	ND(25)	NS
	5/7/2009	ND(0.2105)	0.77 I	ND(0.1959)	ND(0.6946)	0.77	ND(0.2562)	ND(2.0)	ND(25)	140
	9/23/2009	ND(0.211)	0.29 I	ND(0.196)	ND(0.696)	0.29	1.02 I	ND(15)	15.0 I	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.94 I	ND(15)	27.0 I	ND(36)
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.68	ND(15)	ND(25)	43.0
	5/20/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.83 I	ND(15)	27.0 I	ND(36)
	9/27/2010	ND(0.249)	1.39	ND(0.21)	ND(0.676)	1.39	0.88 I	ND(6.14)	ND(25)	83.0 I
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	0.81 I	ND(6.14)	25.0 I	ND(40)
	2/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.80 J	ND(25)	ND(200)	168
	8/9/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.64 J	ND(25)	ND(200)	337
	11/3/2011	NS	NS	NS	NS	NS	NS	NS	ND(200)	NS
	5/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.77 J	ND(25)	ND(200)	NS
	10/23/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.50 J	ND(25)	NS	NS
	4/9/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	0.66 J	ND(25)	NS	NS
	4/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.57 J	ND(10)	NS	NS
	10/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.42 J	ND(10)	NS	NS
4/20/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.44 J	ND(10)	NS	NS	
12/1/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	0.41 J	ND(1.0)	0.41	ND(1.0)	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-02	1/6/2004	ND(0.045)	ND(0.036)	ND(0.027)	ND(0.035)	ND(0.143)	8.9	ND(1.5)	ND(52)	ND(29)
	4/5/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	6.2	ND	ND	ND
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	4.8	ND(5.0)	ND(200)	ND(100)
	10/5/2004	ND	ND	ND	ND	ND	4.0	ND	ND	ND
	1/3/2005	ND	ND	ND	ND	ND	6.0	ND	ND	ND
	4/13/2005	ND	ND	ND	ND	ND	5.9	ND(25)	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	5.5	ND	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	4.9	ND	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	2.84	ND	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	3.54	10.5	ND	ND
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	6.1	ND(10)	ND(100)	ND(94.3)
	12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	4.86	ND(20)	ND(100)	ND(100)
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	6.2	ND(20)	ND(100)	ND(100)
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	6.24	ND(20)	ND(100)	ND(97.1)
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	6.41	ND(20)	ND(100)	ND(95.2)
	12/5/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	12.1	ND(20)	ND(100)	ND(105)
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	7.6	ND(100)	ND(100)	56.0
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	4.9	ND(5.0)	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	78.0
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	6.398	ND(2.0)	34.0	32.0
	2/20/2009	ND(0.2105)	0.5513 I	ND(0.1959)	ND(0.6946)	0.5513	6.729	ND(2.0)	ND(25)	65.0
	5/7/2009	ND(0.2105)	0.78 I	ND(0.1959)	ND(0.6946)	0.78	5.15	ND(2.0)	ND(25)	ND(25)
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	2.79	ND(15)	43.0	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	2.61	ND(15)	ND(25)	ND(36)
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	1.27	ND(15)	36.0	ND(36)
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.71	ND(15)	ND(25)	NS
	5/20/2010	NS	NS	NS	NS	NS	NS	NS	NS	ND(36)
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	0.79	ND(6.14)	27.0	38.0
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	159	313	ND(25)	ND(36)
	1/11/2011	NS	NS	NS	NS	NS	ND(1.0)	NS	NS	NS
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.35	ND(25)	ND(200)	ND(100)
	5/20/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.28	ND(25)	ND(200)	ND(100)
	8/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.34	ND(25)	ND(200)	ND(100)
	11/3/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	0.31	ND(5.0)	ND(200)	ND(100)
	5/3/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
	11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/3/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.22	ND(25)	NS	NS
	10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/8/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	0.77	ND(25)	NS	NS
	10/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.1	ND(10)	NS	NS
4/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.62	ND(10)	NS	NS	
10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
12/1/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-04	1/6/2004	3.9	0.84	ND(0.2)	0.76	5.5	49.3	ND(1.5)	318	ND(270)
	4/5/2004	1.4	0.17	ND	ND	1.57	30.4	ND	ND	ND
	7/1/2004	0.73	ND(0.5)	ND(0.5)	ND(0.5)	0.73	14.4	ND(5.0)	224	ND(100)
	10/5/2004	ND	ND	ND	ND	ND	1.3	ND	ND	ND
	1/3/2005	ND	ND	ND	ND	ND	1.5	ND	ND	ND
	4/13/2005	ND	ND	ND	ND	ND	24.7	ND(25)	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	2.4	ND	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	8.3	ND	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	2.91	ND	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	3.32	ND	ND	ND
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	5.45	ND(10)	ND(100)	ND(93.9)
	12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	5.49	ND(20)	ND(100)	ND(101)
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	11.2	ND(20)	ND(100)	ND(100)
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.57	ND(20)	ND(100)	354
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	18.4	ND(20)	ND(100)	315
	12/5/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	17.7	ND(20)	ND(100)	ND(97.1)
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	9.2	ND(100)	ND(100)	ND(50)
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.0	ND(5.0)	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	44.0
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	7.378	ND(2.0)	40.0	22.59
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	8.12	ND(2.0)	ND(25)	57.0
	5/7/2009	ND(0.2105)	0.70	ND(0.1959)	ND(0.6946)	0.70	5.9	ND(2.0)	ND(25)	ND(25)
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	2.73	ND(15)	15.0	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	4.16	ND(15)	30.0	ND(36)
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	4.33	ND(15)	35.0	ND(36)
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	3.59	ND(15)	ND(25)	ND(36)
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	3.04	ND(6.14)	29.0	ND(36)
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	2.34	ND(6.14)	29.0	ND(40)
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	3.7	ND(25)	ND(200)	194
	5/20/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.6	ND(25)	ND(200)	ND(100)
	8/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.3	ND(25)	ND(200)	ND(100)
	11/3/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	1.1	ND(5.0)	ND(200)	ND(100)
	5/3/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.2	ND(25)	ND(200)	ND(100)
	11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/3/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.58	ND(25)	NS	NS
	10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/8/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	0.62	ND(25)	NS	NS
	10/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.1	10.6	NS	NS
	4/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.5	11.0	NS	NS
	10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.57	ND(10)	NS	NS
4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.30	ND(10)	NS	NS	
12/1/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.35	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.57	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-05D	4/5/2004	0.30	0.69	ND	ND	0.99	241	198	436	ND
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	260	ND(5.0)	322	281
	10/4/2004	ND	ND	ND	ND	ND	12.4	ND	ND	ND
	1/3/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4/13/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	100
	11/17/2005	ND	ND	ND	ND	ND	26.2	ND	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(10)	ND(100)	ND(93.9)
	12/19/2006	3.11	ND(1.0)	ND(1.0)	ND(3.0)	3.11	3,420	1,850	2,750	ND(100)
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	1.06	ND(20)	ND(100)	ND(100)
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(95.2)
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(95.2)
	12/5/2007	ND(1.0)	1.15	ND(1.0)	ND(3.0)	1.15	1.02	ND(20)	ND(100)	ND(105)
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	780
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.6	5.5	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	42.0 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	62.89	61.8	111	30.0 I
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	135.4	69.2	ND(25)	57.0 I
	5/7/2009	ND(0.2105)	0.87 I	ND(0.1959)	ND(0.6946)	0.87	ND(0.2562)	ND(2.0)	ND(25)	ND(25)
	9/23/2009	ND(0.211)	0.25 I	ND(0.196)	ND(0.696)	0.25	0.42 I	ND(15)	ND(13)	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	5.22	ND(15)	27.0 I	ND(36)
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	26.0	39.0
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	26.0 I	325 I
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	ND(36)
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	ND(36)
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.5	ND(25)	ND(200)	ND(110)
	5/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.4	ND(25)	ND(200)	ND(100)
	8/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	342
	11/1/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.72 J	ND(25)	ND(200)	ND(100)
	5/1/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.69 J	ND(25)	ND(200)	ND(100)
	11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/3/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/9/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
	10/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.26 J	ND(10)	NS	NS
	4/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.33 J	ND(10)	NS	NS
	10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
5/17/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-05R	7/8/2004	ND(1.0)	0.21	ND(1.0)	ND(1.0)	0.21	61.8	16.9	ND(200)	ND(160)
	10/4/2004	ND	ND	ND	ND	ND	79.0	ND	ND	168
	1/3/2005	ND	ND	ND	ND	ND	72.6	ND	ND	ND
	4/13/2005	ND	ND	ND	ND	ND	69.4	19.7	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	60.9	ND	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/30/2006	2.15	ND	ND	ND	2.15	3,800	1,700	775	113
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(10)	ND(100)	ND(93.9)
	12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	115
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	1.19	ND(20)	ND(100)	ND(100)
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.11	ND(20)	ND(100)	ND(94.3)
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	129
	12/5/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	120
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	54.0
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(5.0)	ND(100)	ND(50)
	9/15/2008	1.00	ND(0.14)	ND(0.19)	ND(0.71)	1.0	1,900	1,800	880	92.0
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	36.0
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	65.0
	5/7/2009	ND(0.2105)	1.28	ND(0.1959)	ND(0.6946)	1.28	ND(0.2562)	ND(2.0)	ND(25)	ND(25)
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.51	ND(15)	ND(13)	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.70	ND(15)	26.0	86.0
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.79	ND(15)	ND(25)	ND(36)
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	540	217
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	28.0	105
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	ND(38)
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(110)
	5/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.59	ND(25)	ND(200)	ND(100)
	8/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
	11/1/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.27	ND(25)	ND(200)	ND(100)
	5/1/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
	11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/3/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/9/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
	10/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	4/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
5/17/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)										
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO		
MW-055	1/6/2004	9.2	0.10	ND(0.027)	1.2	10.5	7,630	3,840	9,290	ND(29)		
	4/5/2004	ND	ND	ND	ND	ND	2,400	ND	3,250	ND		
	7/1/2004	2.4	ND(2.0)	ND(2.0)	ND(2.0)	2.4	3,570	1,080	3,930	ND(100)		
	10/4/2004	ND	ND	ND	ND	ND	7,110	ND	9,400	ND		
	1/3/2005	ND	ND	ND	ND	ND	3,280	1,830	3,080	ND		
	4/13/2005	ND	ND	ND	0.31	0.31	1,790	685	2,490	ND		
	8/17/2005	ND	ND	ND	ND	ND	6.3	ND	ND	ND		
	11/17/2005	ND	ND	ND	ND	ND	3,550	1,960	2,630	ND		
	3/30/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	6/29/2006	ND	ND	ND	ND	ND	116	12.8	128	ND		
	9/28/2006	4.11	ND(1.0)	ND(1.0)	ND(3.0)	4.11	4,190	3,050	1,170	113		
	12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	7.25	ND(20)	ND(100)	ND(101)		
	3/6/2007	1.7	ND(2.0)	ND(2.0)	ND(6.0)	1.7	2,470	1,620	2,190	ND(100)		
	6/22/2007	2.07	ND(1.0)	ND(1.0)	ND(3.0)	2.07	2,990	1,520	3,330	ND(97.1)		
	9/25/2007	1.83	ND(1.0)	ND(1.0)	ND(3.0)	1.83	2,840	1,450	2,140	ND(97.1)		
	12/5/2007	1.69	ND(1.0)	ND(1.0)	ND(3.0)	1.69	2,140	1,420	1,540	ND(100)		
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	1,800	NS	2,000	ND(50)		
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	58.0	55.0	ND(100)	ND(50)		
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	5.5	14.0	ND(20)	38.0		
	12/12/2008	1.148	ND(0.1601)	ND(0.1959)	ND(0.6946)	1.148	1,110	1,360	2,230	53.0		
	2/20/2009	4.24	ND(0.1601)	ND(0.1959)	1.42	5.66	3,184	3,550	2,810	110		
	5/7/2009	ND(0.2105)	0.66	ND(0.1959)	ND(0.6946)	0.66	580.3	590	161	ND(26)		
	9/23/2009	ND(0.211)	0.40	ND(0.196)	ND(0.696)	0.40	885	1,440	284	ND(36)		
	12/7/2009	ND(4.21)	ND(4.94)	ND(3.92)	ND(13.91)	ND(26.98)	1,770	1,240	985	48.0		
	3/11/2010	ND(2.11)	ND(2.47)	ND(1.96)	ND(6.96)	ND(13.5)	1,380	957	806	ND(36)		
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	12.8	ND(15)	ND(25)	ND(36)		
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	2.38	ND(6.14)	25.0	ND(36)		
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	575	534	408	ND(36)		
	2/15/2011	0.46	J	ND(1.0)	ND(1.0)	ND(1.0)	0.46	1,210	1,110	1,350	ND(100)	
	5/18/2011	0.41	J	ND(1.0)	ND(1.0)	ND(1.0)	0.41	861	706	860	ND(100)	
	8/10/2011	0.31	J	ND(1.0)	ND(1.0)	0.25	J	0.56	982	757	639	119
	11/1/2011	0.24	J	ND(1.0)	ND(1.0)	ND(1.0)	0.24	679	562	762	115	
	5/1/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	594	455	698	ND(100)		
	11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	365	409	NS	NS		
	4/3/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	268	211	NS	NS		
	10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	226	222	NS	NS		
	4/9/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	125	15.5	J	NS	NS	
	10/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	124	49.3	NS	NS	NS	
	4/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	3.5	ND(10)	NS	NS	NS	
	10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	51.9	12.5	NS	NS	NS	
4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	10.7	ND(10)	NS	NS	NS		
11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	26.9	13.1	NS	NS	NS		
5/17/2017	0.17	J	ND(1.0)	ND(1.0)	ND(1.0)	0.17	23.1	6.9	J	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-06D	4/5/2004	ND	ND	ND	ND	ND	5,210	ND	6,940	134
	7/1/2004	1.8	ND(2.5)	ND(2.5)	2.5	4.3	6,120	649	7,370	179
	10/4/2004	74.0	ND	ND	45.7	119.7	6,190	ND	8,080	156
	1/3/2005	61.8	ND	ND	39.1	100.9	6,850	1,320	6,240	199
	4/13/2005	5.1	ND	ND	5.7	10.8	6,790	706	8,870	ND
	8/17/2005	ND	ND	ND	ND	ND	2,640	ND	2,870	ND
	11/17/2005	ND	ND	ND	ND	ND	2,930	ND	2,040	ND
	3/30/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(10)	ND(100)	ND(93.9)
	12/19/2006	73.8	ND(1.0)	ND(1.0)	38.0	111.8	12,200	1,470	10,100	165
	2/2/2007	65.2	ND(1.0)	ND(1.0)	40.7	105.9	14,500	2,920	4,830	295
	3/6/2007	54.0	ND(2.0)	ND(2.0)	30.0	84.00	14,300	1,920	12,200	300
	6/22/2007	54.9	ND(1.0)	ND(1.0)	37.3	92.2	14,700	1,780	8,750	233
	9/25/2007	63.7	ND(1.0)	ND(1.0)	30.8	94.5	17,900	10,400	14,100	159
	12/5/2007	49.6	ND(1.0)	ND(1.0)	32.5	82.1	14,000	2,830	9,370	220
	3/25/2008	45.0	ND(5.0)	ND(5.0)	25.0	70.0	12,000	NS	14,000	770
	6/24/2008	46.0	ND(1.0)	ND(1.0)	23.0	69.0	19,000	6,300	15,000	260
	9/15/2008	46.0	ND(0.14)	ND(0.19)	22.0	68.0	16,000	3,300	7,100	190
	12/12/2008	45.71	ND(0.1601)	ND(0.1959)	20.91	66.62	15,130	9,310	15,400	200
	2/20/2009	67.31	ND(0.1601)	ND(0.1959)	29.47	96.78	17,010	ND(2.0)	6,740	170
	5/7/2009	43.53	1.32	ND(0.1959)	11.92	56.77	16,530	12,000	3,750	110
	9/23/2009	38.2	ND(0.247)	ND(0.196)	2.13	40.33	13,800	6260	6,810	113
	12/7/2009	55.0	ND(49.4)	ND(39.2)	ND(139.1)	55.0	15,900	ND(3000)	8,090	199
	3/11/2010	38.0	ND(24.7)	ND(19.6)	ND(69.6)	38.0	17,400	4,190	11,000	116
	5/17/2010	31.0	ND(12.4)	ND(9.8)	ND(34.8)	31.0	14,000	5,300	11,100	225
	9/27/2010	34.2	ND(0.201)	ND(0.21)	1.69	35.89	13,200	13,900	10,600	60.0
	12/6/2010	ND(24.9)	ND(20.1)	ND(21)	ND(67.6)	ND(133.6)	9,240	2,480	11,900	95.0
	2/16/2011	11.4	ND(10)	ND(10)	ND(10)	11.4	6,810	2,000	6,700	135
	5/18/2011	7.0	ND(10)	ND(10)	ND(10)	7.0	4,060	1,630	4,150	ND(100)
	8/12/2011	3.1	ND(5.0)	ND(5.0)	ND(5.0)	3.1	3,120	779	3,340	ND(100)
	11/2/2011	5.7	ND(2.0)	ND(2.0)	0.44	6.14	3,950	1,490	1,520	ND(100)
	5/2/2012	1.4	ND(2.5)	ND(2.5)	ND(2.5)	1.4	2,100	447	2,420	ND(100)
	11/14/2012	1.2	ND(2.5)	ND(2.5)	ND(2.5)	1.2	2,450	776	NS	NS
	4/3/2013	0.56	ND(2.0)	ND(2.0)	ND(2.0)	0.56	1,410	314	NS	NS
	10/23/2013	2.1	ND(5.0)	ND(5.0)	ND(5.0)	2.1	2,870	1,350	NS	NS
	4/9/2014	3.5	ND(10)	ND(5.0)	ND(10)	3.5	2,670	1,870	NS	NS
	10/15/2014	4.3	ND(20)	ND(20)	ND(20)	4.3	3,590	1,960	NS	NS
	4/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	7/14/2015	1.2	ND(5.0)	ND(5.0)	ND(5.0)	1.2	1,740	803	NS	NS
10/12/2015	ND(5.0)	ND(10)	ND(10)	ND(10)	ND(35)	1,810	670	NS	NS	
1/12/2016	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	2,110	910	NS	NS	
4/20/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	73.6	23.3	NS	NS	
8/9/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND	761	74.7	NS	NS	
11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	140	56	NS	NS	
2/15/2017	ND(0.5)	0.52	0.36	1.9	2.78	119	14.7	NS	NS	
5/17/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.1	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-06R	7/8/2004	ND(1.0)	76.6	ND(1.0)	ND(1.0)	76.6	74.9	ND(25)	289	160
	10/4/2004	0.32	1.4	ND	ND	1.72	83.5	ND	ND	144
	1/3/2005	ND	ND	ND	ND	ND	82.8	ND	ND	253
	4/13/2005	ND	ND	ND	ND	ND	70.7	ND	ND	163
	8/17/2005	ND	ND	ND	ND	ND	65.7	ND	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	70.4	ND	ND	183
	3/30/2006	ND	ND	ND	ND	ND	6.95	ND	ND	NS
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.82	10.2	ND(100)	ND(94.3)
	12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.29	ND(20)	ND(100)	178
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	ND(1.0)	ND(20)	ND(100)	110
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	36.6	ND(20)	ND(100)	106
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	68.5	ND(20)	ND(100)	ND(98)
	12/5/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(94.3)
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	7.7	ND(100)	ND(100)	2,300
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	18.0	ND(5.0)	ND(100)	250
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	32.0	ND(1.0)	ND(20)	57.0
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	3.067	ND(2.0)	29.0	44
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	20.37	ND(2.0)	ND(25)	110
	5/7/2009	ND(0.2105)	1.28	ND(0.1959)	ND(0.6946)	1.28	ND(0.2562)	ND(2.0)	ND(25)	90.0
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	37.4	ND(15)	ND(13)	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	81.4	ND(15)	78.0	46.0
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	67.6	ND(15)	32.0	ND(36)
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	92.4	ND(15)	54.0	39.0
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	129	132	133	40.0
	12/6/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	112	ND(6.14)	85.0	ND(36)
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	37.2	ND(25)	ND(200)	264
	5/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	45.2	ND(25)	ND(200)	121
	8/12/2011	ND(1.0)	0.26	ND(1.0)	ND(1.0)	0.26	57.6	ND(25)	ND(200)	ND(100)
	11/1/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.60	ND(25)	ND(200)	ND(100)
	5/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	63.1	ND(25)	ND(200)	ND(100)
	11/14/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	37.1	ND(25)	NS	NS
	4/3/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	38.0	ND(25)	NS	NS
	10/23/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	90.6	ND(25)	NS	NS
	4/8/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	45.4	ND(25)	NS	NS
	10/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	41.2	ND(10)	NS	NS
	4/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	29.0	9.9	NS	NS
	10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	29.3	ND(10)	NS	NS
	4/20/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
5/17/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.92	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)									
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO	
MW-06S	1/6/2004	ND(0.045)	ND(0.036)	ND(0.34)	ND(0.035)	ND(0.456)	135	ND(1.5)	ND(52)	ND(27)	
	4/5/2004	ND	ND	ND	ND	ND	291	ND	392	ND	
	7/1/2004	0.57	ND(0.5)	ND(0.5)	0.40	0.97	521	28.7	566	ND(100)	
	10/4/2004	ND	ND	ND	ND	ND	500	ND	625	ND	
	1/3/2005	ND	ND	ND	ND	ND	495	26.6	502	ND	
	4/13/2005	ND	ND	ND	ND	ND	74.9	ND	ND	ND	
	8/17/2005	ND	ND	ND	ND	ND	545	ND	626	ND	
	11/17/2005	ND	ND	ND	ND	ND	244	ND	463	ND	
	3/30/2006	ND	ND	ND	ND	ND	179	ND	135	ND	
	6/29/2006	ND	ND	ND	ND	ND	40.7	ND	ND	ND	
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	936	97.2	290	ND(93.9)	
	12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	128	ND(20)	113	ND(105)	
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	38	ND(20)	ND(100)	ND(100)	
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	47.4	ND(20)	ND(100)	ND(97.1)	
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	46.0	ND(100)	ND(100)	60.0	
	6/24/2008	6.5	ND(1.0)	ND(1.0)	2.4	8.9	2,300	450	2,200	ND(50)	
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	130	ND(1.0)	130	49.0 I	
	5/7/2009	ND(0.2105)	1.56	ND(0.1959)	ND(0.6946)	1.56	10.17	ND(2.0)	ND(25)	ND(25)	
	9/23/2009	ND(0.211)	0.28 I	ND(0.196)	ND(0.696)	0.28	150	65.5	ND(13)	ND(36)	
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	423	ND(15)	192	ND(36)	
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	3.6	ND(15)	ND(25)	48.0	
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	20.5	ND(15)	27.0 I	ND(36)	
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	146	95.2	127	67.0 I	
	12/6/2010	ND(1.25)	ND(1.01)	ND(1.05)	ND(3.39)	ND(6.7)	320	ND(30.7)	216	ND(36)	
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	16.4	ND(25)	ND(200)	ND(100)	
	11/2/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	29.1	ND(25)	ND(200)	NS	
	5/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.92 J	ND(25)	NS	NS	
	11/14/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.88 J	ND(25)	NS	NS	
	10/23/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.55 J	ND(25)	NS	NS	
	4/9/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	15.9	ND(25)	NS	NS	
	10/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	10.0	ND(10)	NS	NS	
	4/14/2015	0.50	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.50	1,900	580	NS	
	7/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	5.6	ND(10)	NS	NS	
	4/20/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	12.2	ND(10)	NS	NS	
	8/9/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND	0.85 J	ND(10)	NS	NS	
	11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND (3.5)	1.6	ND(10)	NS	NS	
	2/15/2017	Well Not Sampled - Not enough water									
	5/17/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND (3.5)	1.1	ND(10)	NS	NS

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-07D	4/5/2004	ND	ND	ND	ND	ND	9.5	ND	ND	ND
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	8.4	ND(5.0)	ND(200)	ND(100)
	10/4/2004	ND	ND	ND	ND	ND	7.8	ND	ND	ND
	1/3/2005	ND	ND	ND	ND	ND	6.2	ND	ND	ND
	4/13/2005	ND	ND	ND	ND	ND	0.75	ND	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(10)	ND(100)	ND(93.9)
	12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(100)
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	ND(1.0)	ND(20)	ND(100)	ND(60)
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(95.2)
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(98)
	12/5/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	125
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	5,800
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(5.0)	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	110
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	0.8438	ND(2.0)	ND(25)	39.0
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	85.0
	5/7/2009	ND(0.2105)	1.81	ND(0.1959)	ND(0.6946)	1.81	ND(0.2562)	ND(2.0)	ND(25)	ND(25)
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	ND(13)	ND(36)
	12/7/2009	ND(0.211)	0.49	ND(0.196)	ND(0.696)	0.49	0.56	ND(15)	28.0	131
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.71	ND(15)	33.0	NS
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.64	ND(15)	ND(25)	36.0
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	121
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	ND(36)
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(110)
	5/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
	8/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
	11/1/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
	5/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
	11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.35	ND(25)	NS	NS
	4/3/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.5	ND(25)	NS	NS
	10/23/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/9/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
	10/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	4/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	59.0	ND(10)	NS	NS
	10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-075	4/5/2004	ND	ND	ND	ND	ND	189	ND	ND	ND
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	195	ND(5.0)	237	ND(100)
	10/4/2004	ND	ND	ND	ND	ND	214	ND	276	ND
	1/3/2005	ND	ND	ND	ND	ND	244	ND	232	ND
	4/13/2005	ND	ND	ND	ND	ND	149	ND	208	ND
	8/17/2005	ND	ND	ND	ND	ND	50.0	ND	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	119	ND	214	ND
	3/30/2006	ND	ND	ND	ND	ND	47.4	ND	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	58.5	ND	ND	ND
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	17.3	ND(10)	ND(100)	ND(93.9)
	12/19/2006	ND(1.0)	1.45	1.09	4.77	7.31	24.8	ND(20)	ND(100)	ND(100)
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	65.5	ND(20)	ND(100)	ND(79)
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	26.1	ND(20)	ND(100)	ND(98)
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	16.7	ND(20)	ND(100)	ND(125)
	12/5/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	19.1	ND(20)	ND(100)	ND(100)
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	44.0	ND(100)	ND(100)	ND(50)
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	15.0	ND(5.0)	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	33.0	ND(1.0)	ND(20)	46.0
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	17.4	ND(2.0)	44.0	ND(14)
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	47.23	ND(2.0)	ND(25)	51.0
	5/7/2009	ND(0.2105)	1.68	ND(0.1959)	ND(0.6946)	1.68	44.24	ND(2.0)	ND(25)	ND(25)
	9/23/2009	ND(0.211)	0.45	ND(0.196)	ND(0.696)	0.45	13.3	ND(15)	ND(13)	ND(36)
	12/7/2009	ND(0.211)	0.34	ND(0.196)	ND(0.696)	0.34	22.9	ND(15)	36.0	60.0
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	1.65	ND(15)	34.0	ND(36)
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.28	ND(15)	ND(25)	ND(36)
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	32.0	17.0	40.0	ND(36)
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	26.0	ND(6.14)	34.0	ND(36)
	2/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	38.7	ND(25)	ND(200)	ND(110)
	5/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	25.4	ND(25)	ND(200)	ND(100)
	8/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	37.0	6.0	ND(200)	ND(100)
	11/1/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	32.3	ND(25)	ND(200)	ND(100)
	5/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	22.2	ND(25)	ND(200)	ND(110)
	11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	11.2	ND(25)	NS	NS
	4/3/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	13.6	ND(25)	NS	NS
10/23/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	9.4	ND(25)	NS	NS	
4/9/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	7.6	ND(25)	NS	NS	
10/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	9.1	ND(10)	NS	NS	
4/14/2015	1.6	ND(1.0)	ND(1.0)	ND(1.0)	1.6	404	276	NS	NS	
10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	5.2	ND(10)	NS	NS	
4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	6.0	ND(10)	NS	NS	
11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	5.9	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	9.9	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-08D	4/5/2004	ND	ND	ND	ND	ND	80.0	ND	ND	ND
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	71.7	ND(5.0)	ND(200)	ND(100)
	10/4/2004	ND	ND	ND	ND	ND	95.4	ND	ND	ND
	1/3/2005	ND	ND	ND	1.1	1.1	93.6	ND	ND	ND
	4/13/2005	ND	ND	ND	4.8	4.8	135	ND	344	ND
	8/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/17/2005	ND	ND	ND	0.92	0.92	233	43.9	481	ND
	3/30/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	299	19.9	144	ND(93.9)
	12/19/2006	ND(1.0)	2.11	1.68	10.6	14.39	278	23.7	372	ND(100)
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	369	47.9	381	ND(100)
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	391	ND(20)	387	ND(95.2)
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	292	ND(20)	295	ND(96.2)
	12/5/2007	ND(1.0)	ND(1.0)	ND(1.0)	4.03	4.03	460	49.6	353	ND(94.3)
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	17.0	17.0	670	ND(100)	920	130
	6/24/2008	1.2	ND(1.0)	ND(1.0)	7.7	8.9	660	70.0	790	63.0
	9/15/2008	1.3	ND(0.14)	ND(0.19)	8.9	10.2	620	56.0	420	71.0
	12/12/2008	1.188	0.5046	ND(0.1959)	8.671	10.3636	659.1	158	1,180	67.0
	2/20/2009	2.525	ND(0.1601)	ND(0.1959)	14.82	17.345	1,083	361	703	68.0
	5/7/2009	1.87	0.63	ND(0.1959)	13.81	16.31	1,013	659	420	70.0
	9/23/2009	ND(1.05)	ND(1.24)	ND(0.98)	3.35	3.35	343	ND(75)	104	ND(36)
	12/7/2009	ND(2.11)	ND(2.47)	ND(1.96)	10.2	10.2	1,130	ND(150)	698	ND(36)
	3/11/2010	ND(2.11)	2.7	ND(1.96)	7.7	10.4	1,330	170	981	80.0
	5/17/2010	0.93	ND(0.247)	ND(0.196)	7.62	8.55	1,520	261	1,200	93.0
	9/27/2010	0.613	ND(0.201)	ND(0.21)	9.82	10.433	1,480	996	1,150	68.0
	12/2/2010	ND(12.5)	ND(10.1)	ND(10.5)	ND(33.9)	ND(67)	1,660	ND(307)	1,380	104
	2/15/2011	3.7	ND(5.0)	ND(5.0)	8.6	12.3	2,130	291	2,390	128
	5/17/2011	2.4	ND(5.0)	ND(5.0)	7.9	10.3	2,220	292	2,120	ND(100)
	8/10/2011	4.0	ND(5.0)	ND(5.0)	8.5	12.5	2,950	674	1,730	177
	11/1/2011	2.1	ND(1.0)	ND(1.0)	4.0	6.1	3,110	464	2,960	ND(100)
	5/3/2012	1.6	ND(1.0)	ND(1.0)	2.4	4.0	3,400	451	3,560	ND(100)
	11/14/2012	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	4,320	640	NS	NS
	4/2/2013	1.5	ND(5.0)	ND(5.0)	ND(5.0)	1.5	3,810	512	NS	NS
	10/24/2013	ND(10)	ND(10)	ND(10)	ND(10)	ND(40)	4,900	834	NS	NS
	4/10/2014	ND(10)	ND(20)	ND(10)	ND(20)	ND(60)	3,950	848	NS	NS
	10/15/2014	ND(13)	ND(25)	ND(25)	ND(25)	ND(88)	6,360	615	NS	NS
	4/14/2015	1.5	ND(1.0)	ND(1.0)	ND(1.0)	1.5	1,270	603	NS	NS
	10/13/2015	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	2,000	324	NS	NS
	4/20/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2,740	436	NS	NS
11/16/2016	ND (2.5)	ND(5.0)	ND(5.0)	ND (5.0)	ND (17.5)	2,270	238	NS	NS	
5/17/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	15.2	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-085	4/5/2004	ND	ND	ND	ND	ND	15.6	ND	ND	ND
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	7.6	ND(5.0)	ND(200)	ND(100)
	10/4/2004	ND	ND	ND	ND	ND	4.9	ND	ND	ND
	1/3/2005	ND	ND	ND	ND	ND	9.8	ND	ND	ND
	4/13/2005	ND	ND	ND	ND	ND	16	ND	ND	ND
	8/17/2005	ND	ND	ND	ND	ND	2.3	ND	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	11.3	ND	ND	ND
	3/30/2006	ND	ND	ND	ND	ND	10.1	ND	ND	125
	6/29/2006	ND	ND	ND	ND	ND	17.4	ND	ND	ND
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	11.1	ND(10)	ND(100)	ND(93.9)
	12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	16.4	ND(20)	ND(100)	ND(100)
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	27.2	ND(20)	ND(100)	ND(81)
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	4.22	ND(20)	ND(100)	ND(100)
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	11.6	ND(20)	ND(100)	ND(97.1)
	12/5/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	20.7	ND(20)	ND(100)	ND(94.3)
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	20.0	ND(100)	ND(100)	ND(50)
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	8.0	ND(5.0)	ND(100)	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	14.0	ND(1.0)	ND(20)	55.0
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	30.85	ND(2.0)	54.0	ND(13)
	2/20/2009	ND(0.2105)	0.5156 I	ND(0.1959)	ND(0.6946)	0.5156	23.85	ND(2.0)	ND(25)	36.0
	5/7/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	39.33	ND(2.0)	ND(25)	ND(26)
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	13.1	ND(15)	16.0	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	34.0	ND(15)	44.0	45.0
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	7.05	ND(15)	ND(25)	38.0
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	3.21	ND(15)	ND(25)	44.0
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	8.81	ND(6.14)	34.0	ND(36)
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	10.7	ND(6.14)	ND(25)	ND(36)
	2/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	14.7	ND(25)	ND(200)	ND(110)
	5/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	175	ND(25)	226	ND(100)
	8/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	12.6	ND(25)	ND(200)	ND(100)
	11/1/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	8.0	ND(25)	ND(200)	ND(100)
	5/4/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	15.8	ND(25)	ND(200)	ND(100)
	4/2/2013	1.9	1.6	ND(1.0)	ND(1.0)	3.5	442	86.6	NS	NS
10/23/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	154	ND(25)	NS	NS	
4/10/2014	ND(1.3)	ND(2.5)	ND(1.3)	ND(2.5)	ND(7.6)	704	82.4	NS	NS	
10/15/2014	ND(0.5)	0.26 J	ND(1.0)	ND(1.0)	0.26 J	2.4	ND(10)	NS	NS	
4/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.3	ND(10)	NS	NS	
10/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.83	ND(10)	NS	NS	
4/20/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	11.3	ND(10)	NS	NS	
11/16/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2.8	ND(10)	NS	NS	
5/17/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	5.4	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)									
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO	
MW-09D	4/5/2004	ND	ND	ND	ND	ND	3.0	ND	ND	ND	
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	4.4	ND(5.0)	ND(200)	249	
	10/5/2004	ND	ND	ND	ND	ND	7.0	ND	ND	ND	
	1/3/2005	ND	ND	ND	ND	ND	7.4	ND	ND	ND	
	4/13/2005	ND	ND	ND	ND	ND	7.2	ND	ND	ND	
	8/17/2005	ND	ND	ND	ND	ND	8.1	ND	ND	ND	
	11/17/2005	ND	ND	ND	ND	ND	8.1	ND	ND	ND	
	3/30/2006	ND	ND	ND	ND	ND	5.28	ND	ND	ND	
	6/29/2006	ND	ND	ND	ND	ND	4.85	ND	ND	ND	
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	5.23	ND(10)	ND(100)	ND(93.9)	
	12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.15	ND(20)	ND(100)	ND(100)	
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	3.12	ND(20)	ND(100)	ND(76)	
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.89	ND(20)	ND(100)	ND(111)	
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	3.02	ND(20)	ND(100)	ND(95.2)	
	12/5/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.38	ND(20)	ND(100)	ND(97.1)	
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	64.0	
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	ND(5.0)	ND(100)	ND(50)	
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	620	
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	0.7778	ND(2.0)	ND(25)	ND(13)	
	2/20/2009	ND(0.2105)	0.5395	ND(0.1959)	ND(0.6946)	0.5395	ND(0.2562)	ND(2.0)	ND(25)	ND(25)	
	5/7/2009	ND(0.2105)	0.66	ND(0.1959)	ND(0.6946)	0.66	ND(0.2562)	ND(2.0)	ND(25)	ND(25)	
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.57	ND(15)	ND(13)	ND(36)	
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.51	ND(15)	32.0	ND(36)	
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.54	ND(15)	ND(25)	51.0	
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.40	ND(15)	ND(25)	54.0	
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	ND(36)	
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	633	
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	240	
	5/18/2011	NS	NS	NS	NS	NS	NS	NS	NS	ND(100)	
	6/3/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.28	ND(25)	ND(200)	NS	
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	187	
	11/2/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)	
	5/3/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.30	ND(25)	ND(200)	ND(100)	
	11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS	
	4/4/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.54	ND(25)	NS	NS	
	10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS	
	4/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS	
	10/16/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	4/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	868	147	NS	NS	
	10/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	4/19/2016	Well Inaccessible - Not Sampled									
	12/1/2016	Well Inaccessible - Not Sampled									
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)									
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO	
MW-095	4/5/2004	ND	ND	ND	ND	ND	0.66	ND	ND	ND	
	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	1.1	ND(5.0)	ND(200)	ND(100)	
	10/5/2004	ND	ND	ND	ND	ND	3.3	ND	ND	ND	
	1/3/2005	ND	ND	ND	ND	ND	6.5	ND	ND	ND	
	4/13/2005	ND	ND	ND	ND	ND	5.1	ND	ND	ND	
	8/17/2005	ND	ND	ND	ND	ND	6.5	ND	ND	ND	
	11/17/2005	ND	ND	ND	ND	ND	6.1	ND	ND	ND	
	3/30/2006	ND	ND	ND	ND	ND	3.85	ND	ND	ND	
	6/29/2006	ND	ND	ND	ND	ND	3.39	ND	ND	ND	
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	3.93	ND(10)	ND(100)	ND(94.3)	
	12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.09	ND(20)	ND(100)	ND(102)	
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	1.23	ND(20)	ND(100)	ND(63)	
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(97.1)	
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(118)	
	12/5/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(105)	
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	ND(50)	
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(5.0)	ND(100)	ND(50)	
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	73.0 I	
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	0.5719 I	ND(2.0)	ND(25)	14.0 I	
	2/20/2009	ND(0.2105)	0.5568 I	ND(0.1959)	ND(0.6946)	0.5568	ND(0.2562)	ND(2.0)	ND(25)	ND(25)	
	5/7/2009	ND(0.2105)	0.99 I	ND(0.1959)	ND(0.6946)	0.99	ND(0.2562)	ND(2.0)	ND(25)	ND(25)	
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.27 I	ND(15)	17.0 I	ND(36)	
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	ND(25)	43.0 I	
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	ND(25)	37.0	
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	ND(25)	ND(36)	
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	32.0 I	ND(36)	
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	ND(36)	
	2/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(110)	
	5/18/2011	NS	NS	NS	NS	NS	NS	NS	NS	ND(100)	
	6/3/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.39 J	ND(25)	ND(200)	NS	
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(110)	
	11/2/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)	
	5/3/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)	
	11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS	
	4/4/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS	
	10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS	
	4/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS	
	10/16/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	4/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	852	140	NS	NS	
	10/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	4/21/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	12/1/2016	Well Inaccessible - Not Sampled									
	5/16/2017	Well Could Not be Located - Not Sampled									

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-11D	7/8/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	62.2	19.0	ND(200)	1,020
	10/4/2004	ND	ND	ND	ND	ND	30.8	ND	ND	146
	1/3/2005	ND	ND	ND	ND	ND	7.6	ND	ND	148
	4/13/2005	ND	ND	ND	ND	ND	19.2	ND	ND	211
	8/17/2005	ND	ND	ND	ND	ND	10.1	ND	ND	ND
	11/17/2005	ND	ND	ND	ND	ND	0.75	ND	ND	728
	3/30/2006	ND	ND	ND	ND	ND	10.6	ND	ND	323
	6/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	339
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.75	ND(10)	ND(100)	277
	12/19/2006	ND(1.0)	14.7	ND(1.0)	ND(3.0)	14.7	ND(1.0)	ND(20)	ND(100)	464
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	ND(1.0)	ND(20)	ND(100)	130
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.11	ND(20)	ND(100)	447
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	15.6	ND(20)	ND(100)	213
	12/5/2007	1.63	2.49	ND(1.0)	ND(3.0)	4.12	ND(1.0)	ND(20)	ND(100)	1,280
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	1,600
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(5.0)	ND(100)	210
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	360
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	28.0	124
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	2.39	ND(2.0)	ND(25)	250
	5/7/2009	ND(0.2105)	1.57	ND(0.1959)	ND(0.6946)	1.57	ND(0.2562)	ND(2.0)	ND(25)	120
	9/23/2009	ND(0.211)	1.53	ND(0.196)	ND(0.696)	1.53	0.66	ND(15)	ND(13)	ND(36)
	12/7/2009	ND(0.211)	1.38	0.24	0.4	2.02	0.66	ND(15)	38.0	98.0
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	4.59	ND(15)	36.0	105
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	2.52	ND(15)	ND(25)	45.0
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	1.39	ND(6.14)	ND(25)	260
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	1.72	ND(6.14)	ND(25)	218
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	ND(25)	ND(200)	307
	5/18/2011	NS	NS	NS	NS	NS	NS	NS	NS	363
	6/3/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	12.5	ND(25)	ND(200)	NS
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	17.3	ND(25)	ND(200)	ND(100)
	11/1/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.33	ND(25)	ND(200)	ND(100)
	5/1/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	3.8	ND(25)	ND(200)	ND(100)
	11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/4/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.4	ND(25)	NS	NS
	10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.7	ND(25)	NS	NS
4/9/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	5.0	ND(25)	NS	NS	
10/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2.7	ND(10)	NS	NS	
4/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	289	87.0	NS	NS	
10/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	9.0	ND(10)	NS	NS	
4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.71	ND(10)	NS	NS	
11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND (1.0)	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND (1.0)	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)									
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO	
MW-11R	7/1/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	26.4	ND(5.0)	ND(200)	429	
	10/4/2004	ND	ND	ND	ND	ND	19.4	ND	ND	ND	
	1/3/2005	ND	ND	ND	ND	ND	18.8	ND	ND	ND	
	4/13/2005	ND	ND	ND	ND	ND	8	ND	ND	ND	
	8/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	11/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	3/30/2006	ND	ND	ND	ND	ND	ND	ND	ND	113	
	6/29/2006	ND	ND	ND	ND	ND	1.55	ND	ND	ND	
	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.66	ND(10)	ND(100)	351	
	12/19/2006	ND(1.0)	1.42	1.2	5.49	8.11	27.7	ND(20)	ND(100)	941	
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	25.1	ND(20)	ND(100)	ND(100)	
	6/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	6.5	ND(20)	ND(100)	ND(98)	
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	4.76	ND(20)	ND(100)	ND(97.1)	
	12/5/2007	2.14	3.02	ND(1.0)	ND(3.0)	5.16	2.57	ND(20)	ND(100)	ND(100)	
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	2,300	
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(5.0)	ND(100)	ND(50)	
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	53.0	
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	0.7315	ND(2.0)	37.0	57.0	
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	160	
	5/7/2009	ND(0.2105)	1.8	ND(0.1959)	ND(0.6946)	1.8	ND(0.2562)	ND(2.0)	ND(25)	140	
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	ND(13)	ND(36)	
	12/7/2009	ND(0.211)	0.27	ND(0.196)	ND(0.696)	0.27	29.9	ND(15)	45.0	279	
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	8.52	ND(15)	ND(25)	NS	
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.48	ND(15)	ND(25)	ND(36)	
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	4.8	ND(6.14)	29.0	53.0	
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	3.87	ND(6.14)	ND(25)	40.0	
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	125	
	5/18/2011	0.99	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.99	751	1600	ND(200)	192
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.48	ND(25)	ND(200)	ND(100)	
	11/1/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.43	ND(25)	ND(200)	ND(100)	
	5/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.6	ND(25)	ND(200)	798	
	11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS	
	4/4/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS	
	10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS	
	4/9/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS	
	10/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	4/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	68.7	ND(10)	NS	NS	
	10/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	4/20/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-115	7/8/2004	14.1	ND(25)	ND(25)	ND(25)	14.1	12000	3020	15900	ND(110)
	10/4/2004	16.1	ND	ND	ND	16.1	8250	3300	14300	199
	1/3/2005	10.3	ND	ND	ND	10.3	9860	3120	8240	225
	4/13/2005	9.8	ND	ND	ND	9.8	6520	2470	10600	ND
	8/17/2005	ND	ND	ND	ND	ND	7120	3750	15800	148
	11/17/2005	2.5	ND	ND	ND	2.5	2130	1310	3800	354
	3/30/2006	5.23	ND	ND	ND	5.23	3760	1510	4130	411
	6/29/2006	ND	ND	ND	ND	ND	51.9	43.3	ND	370
	9/28/2006	2.31	ND(1.0)	ND(1.0)	ND(3.0)	2.31	1960	1130	652	629
	12/19/2006	3.27	1.57	ND(1.0)	ND(3.0)	4.84	1860	1360	1610	ND(100)
	3/6/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	45.4	50.1	ND(100)	260
	6/22/2007	2.47	ND(1.0)	ND(1.0)	ND(3.0)	2.47	2340	1510	2880	298
	9/25/2007	3.67	ND(1.0)	ND(1.0)	ND(3.0)	3.67	3810	14600	2870	169
	12/5/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	29.2	52.4	ND(100)	775
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	63
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	31	52	ND(100)	260
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	54	87	120	150 I
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	202
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	814.9	746	403	180
	5/7/2009	ND(0.2105)	1.62	ND(0.1959)	ND(0.6946)	1.62	ND(0.2562)	ND(2.0)	ND(25)	110
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	16.5	39.4	ND(13)	ND(36)
	12/7/2009	ND(0.211)	0.40 I	ND(0.196)	ND(0.696)	0.4	0.40 I	ND(15)	26.0 I	ND(36)
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	10.5	ND(15)	33	74
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	223	144	142	ND(36)
	9/27/2010	1.1	ND(0.201)	ND(0.21)	ND(0.676)	1.1	1090	2830	948	ND(36)
	12/2/2010	ND(4.99)	ND(4.03)	ND(4.2)	ND(13.53)	ND(26.75)	376	717	300	897
	2/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	102	232	ND(200)	646
	5/18/2011	1	ND(1.0)	ND(1.0)	ND(1.0)	1	804	1580	915	192
	6/3/2011	0.39 J	ND(1.0)	ND(1.0)	ND(1.0)	0.39 J	987	1360	922	NS
	8/12/2011	0.95 J	ND(1.0)	ND(1.0)	ND(1.0)	0.95 J	1050	2380	1280	ND(100)
	11/1/2011	1.1	ND(1.0)	ND(1.0)	ND(1.0)	1.1	943	2410	1120	200
	5/2/2012	0.29 J	ND(1.0)	ND(1.0)	ND(1.0)	0.29 J	804	1350	1010	ND(100)
	11/13/2012	0.48 J	ND(1.0)	ND(1.0)	ND(1.0)	0.48 J	475	888	NS	NS
	4/4/2013	0.25 J	ND(1.0)	ND(1.0)	ND(1.0)	0.25 J	178	340	NS	NS
	10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	206	223	NS	NS
	4/9/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	18.7	15.4 J	NS	NS
	10/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	106	59.1	NS	NS
	4/15/2015	2.1	ND(1.0)	ND(1.0)	ND(1.0)	2.1	245	52.7	NS	NS
	10/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	31.7	ND(10)	NS	NS
	4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	9.5	ND(10)	NS	NS
11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	8.8	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2.9	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)									
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO	
MW-12	6/22/2007	3.96	ND(1.0)	ND(1.0)	5.35	9.31	1,540	141	1,520	ND(95.2)	
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1,080	74.2	796	ND(95.2)	
	12/5/2007	2.13	ND(1.0)	ND(1.0)	4.17	6.3	1,990	269	1,760	ND(94.3)	
	3/25/2008	36.0	ND(5.0)	ND(5.0)	19.0	55.0	11,000	NS	12,000	280	
	6/24/2008	1.6	ND(1.0)	ND(1.0)	ND(1.0)	1.6	950	120	900	ND(50)	
	9/15/2008	11.0	ND(0.14)	ND(0.19)	9.9	20.9	5,900	1400	3,100	110	
	12/12/2008	0.8948	ND(0.1601)	ND(0.1959)	0.5607	1.4555	1,310	447	2,230	26.36	
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	1.27	1.27	1,811	339	934	71.0	
	5/7/2009	2.26	1.59	ND(0.1959)	2.43	6.28	2,931	1,870	817	ND(25)	
	8/25/2009	6.63	ND(0.247)	ND(0.196)	10.6	17.23	2,360	2,800	NS	NS	
	8/27/2009	10.7	ND(0.14)	0.60	10.8	22.1	6,620	ND(1.0)	2,600	39.0	
	8/28/2009	12.7	ND(0.14)	ND(0.19)	11.4	24.1	7,460	ND(1.0)	3,300	56.0	
	9/23/2009	6.84	ND(0.247)	ND(0.196)	3.02	9.86	4,710	3,630	1,810	ND(36)	
	12/7/2009	ND(10.5)	ND(12.4)	ND(9.8)	ND(34.8)	ND(67.5)	3,850	ND(750)	2,230	ND(36)	
	3/11/2010	ND(5.26)	ND(6.18)	ND(4.9)	ND(17.39)	ND(33.73)	3,610	657	2,840	52.0	
	5/17/2010	3.1	ND(0.247)	ND(0.196)	0.39	3.49	3,920	1,900	3,230	NS	
	5/20/2010	NS	NS	NS	NS	NS	NS	NS	NS	40.0	
	9/27/2010	1.99	ND(0.201)	ND(0.21)	1.26	3.25	2,870	2470	2,590	60.0	
	12/6/2010	ND(6.23)	ND(5.03)	ND(5.25)	ND(16.9)	ND(33.41)	1,880	ND(154)	1,440	ND(36)	
	2/16/2011	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	1,460	147	1,450	ND(100)	
	5/19/2011	ND(10)	ND(10)	ND(10)	ND(10)	ND(40)	2,280	686	2,280	ND(100)	
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	38.6	ND(25)	ND(200)	ND(100)	
	11/2/2011	0.78	J	ND(1.0)	ND(1.0)	ND(1.0)	0.78	2,960	677	1,410	ND(100)
	5/2/2012	0.56	J	ND(2.5)	ND(2.5)	ND(2.5)	0.56	1,930	358	2,250	ND(100)
	11/14/2012	0.62	J	ND(2.5)	ND(2.5)	ND(2.5)	0.62	2,280	527	NS	NS
	4/3/2013	ND(10)	ND(10)	ND(10)	ND(10)	ND(40)	1,490	431	NS	NS	
	10/23/2013	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	2,810	678	NS	NS	
	4/9/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	154	40.7	NS	NS	
	10/15/2014	ND(10)	ND(20)	ND(20)	ND(20)	ND(70)	6,970	1340	NS	NS	
	4/14/2015	3.0	ND(1.0)	ND(1.0)	ND(1.0)	3.0	400	89.8	NS	NS	
	10/13/2015	ND(5.0)	ND(10)	ND(10)	ND(10)	ND(35)	1,880	444	NS	NS	
	4/20/2016	0.86	ND(1.0)	ND(1.0)	ND(1.0)	0.86	2,330	781	NS	NS	
	11/17/2016	0.43	J	ND(1.0)	ND(1.0)	ND(1.0)	0.43	1,950	520	NS	NS
5/17/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	76	26.6	NS	NS		

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)									
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO	
MW-13D	11/25/2008	9.753	ND(0.1601)	ND(0.1959)	3.107	12.86	759.4	318	623	90.0	
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	256.6	ND(2.0)	109	57.0	
	5/7/2009	ND(0.2105)	0.64 I	ND(0.1959)	ND(0.6946)	0.64	6.14	ND(2.0)	ND(25)	ND(25)	
	9/23/2009	2.67	ND(0.247)	ND(0.196)	1.2	3.87	314	252	50.0	ND(36)	
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	106	ND(15)	51.0	73.0	
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	8.57	ND(15)	ND(25)	ND(36)	
	5/17/2010	0.69	ND(0.247)	ND(0.196)	ND(0.696)	0.69	194	77.8	393	ND(36)	
	9/27/2010	1.13	ND(0.201)	ND(0.21)	ND(0.676)	1.13	151	117	136	60.0	
	12/3/2010	0.995	ND(0.403)	ND(0.42)	ND(1.353)	0.995	147	ND(12.3)	120	ND(40)	
	2/18/2011	0.33	ND(1.0)	ND(1.0)	ND(1.0)	0.33	438	73.7	500	ND(100)	
	5/17/2011	1.0	0.19 J	ND(1.0)	ND(1.0)	1.19	166	33.3	224	ND(100)	
	8/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	140	12.0	ND(200)	ND(100)	
	11/1/2011	0.40	ND(1.0)	ND(1.0)	ND(1.0)	0.40	216	53.7	252	ND(100)	
	5/1/2012	0.80	ND(1.0)	ND(1.0)	ND(1.0)	0.80	193	36.2	263	200	
	11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	165	44	NS	NS	
	4/3/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	171	56.8	NS	NS	
	10/24/2013	0.49	ND(1.0)	ND(1.0)	ND(1.0)	0.49	280	69.7	NS	NS	
	4/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	99.4	17.7	NS	NS	
	10/16/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	252	81.4	NS	NS	
	4/16/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	10/13/2015	0.36	ND(1.0)	ND(1.0)	ND(1.0)	0.36	258	71.1	NS	NS	
	4/21/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.3	ND(10)	NS	NS	
	11/16/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	98.9	ND(10)	NS	NS	
	5/17/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.57	ND(10)	NS	NS	
	MW-135	11/25/2008	29.33	ND(0.1601)	ND(0.1959)	4.634	33.964	5,527	2,360	2,780	164
		2/20/2009	24.12	ND(0.1601)	ND(0.1959)	3.49	27.61	4,297	1,160	2,580	120
		5/7/2009	13.44	ND(0.1601)	ND(0.1959)	2.77	16.21	3,081	2,660	917	73.0
9/23/2009		11.9	0.31	ND(0.196)	1.44	13.65	3,260	2,550	1,370	43.0	
12/7/2009		10	ND(2.47)	ND(1.96)	ND(6.96)	10	2,720	652	1,650	ND(36)	
3/11/2010		7.25	ND(6.18)	ND(4.9)	ND(17.39)	7.25	2,790	750	2,410	53.0	
5/17/2010		8.98	ND(0.247)	ND(0.196)	1.28	10.26	2,760	1,710	2,360	74.0	
9/27/2010		10.8	ND(0.201)	ND(0.21)	1.61	12.41	2,930	2,740	2,370	60.0	
12/3/2010		9.76	ND(5.03)	ND(5.25)	ND(16.9)	9.76	3,020	1,490	2,430	99.0	
2/18/2011		8.2	ND(2.5)	ND(2.5)	1.4	9.6	2,310	1,310	2,580	126	
5/17/2011		4.1	ND(5.0)	ND(5.0)	ND(5.0)	4.1	2,640	1,660	2,570	132	
8/11/2011		9.7	ND(5.0)	ND(5.0)	ND(5.0)	9.7	3,150	1,460	1,760	137	
11/1/2011		14.9	ND(5.0)	ND(5.0)	1.5	16.4	4,180	2,580	3,530	ND(100)	
5/1/2012		19.5	ND(5.0)	ND(5.0)	1.1	20.6	4,420	3,130	5,060	ND(110)	
11/15/2012		30.9	ND(1.0)	ND(1.0)	0.64	31.54	3,430	3,280	NS	NS	
4/3/2013		16.5	ND(10)	ND(10)	ND(10)	16.5	3,500	2,750	NS	NS	
10/23/2013		21.2	ND(10)	ND(10)	ND(10)	21.2	2,580	2,060	NS	NS	
4/10/2014		12.5	ND(5.0)	ND(2.5)	ND(5.0)	12.5	1,980	1,870	NS	NS	
10/16/2014		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	228	22.7	NS	NS	
4/16/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	67.5	12.4	NS	NS	
10/13/2015		6.3	ND(1.0)	ND(1.0)	ND(1.0)	6.3	654	434	NS	NS	
4/21/2016		1.1	ND(1.0)	ND(1.0)	ND(1.0)	1.1	214	146	NS	NS	
11/16/2016		0.91	ND(1.0)	ND(1.0)	ND(1.0)	0.91	201	108	NS	NS	
5/17/2017		0.19	ND(1.0)	ND(1.0)	ND(1.0)	0.19	152	28.5	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)									
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO	
MW-14D	11/25/2008	85.08	ND(0.1601)	ND(0.1959)	25.19	110.27	1,099	496	1,010	140	
	2/20/2009	5.28	ND(0.1601)	ND(0.1959)	2.23	7.51	469	ND(2.0)	264	93.0	
	5/7/2009	2.68	0.68	ND(0.1959)	0.86	4.22	86.81	40.6	31.0	ND(25)	
	9/23/2009	21.9	ND(0.247)	ND(0.196)	2.59	24.49	419	297	145	ND(36)	
	12/7/2009	5.35	ND(1.24)	ND(0.98)	ND(3.48)	5.35	424	ND(75)	205	77.0	
	3/11/2010	0.66	ND(0.494)	ND(0.392)	ND(1.391)	0.66	329	39.4	116	44.0	
	5/17/2010	3.04	ND(0.247)	ND(0.196)	ND(0.696)	3.04	428	165	637	ND(36)	
	9/27/2010	33.7	ND(0.201)	ND(0.21)	3.75	37.45	764	578	559	60.0	
	12/3/2010	46.5	ND(2.01)	ND(2.1)	6.01	52.51	1,090	280	1,090	97.0	
	2/18/2011	79.6	ND(5.0)	ND(5.0)	16.2	95.8	1,720	406	2,060	134	
	5/17/2011	50.1	ND(5.0)	ND(5.0)	13.8	63.9	2,250	517	1,570	112	
	8/11/2011	7.1	ND(1.0)	ND(1.0)	0.32	7.42	566	139	449	ND(100)	
	11/1/2011	48.1	ND(2.0)	ND(2.0)	12.9	61.0	2,180	620	2,520	ND(100)	
	5/1/2012	44.3	ND(5.0)	ND(5.0)	10.1	54.4	3,890	980	4,250	ND(100)	
	11/15/2012	8.9	ND(5.0)	ND(5.0)	ND(5.0)	8.9	1,720	588	NS	NS	
	4/3/2013	0.89	J	ND(1.0)	ND(1.0)	ND(1.0)	0.89	137	52.9	NS	
	10/24/2013	28.3	ND(5.0)	ND(5.0)	2.9	31.2	6,340	1,610	NS	NS	
	4/10/2014	17.6	ND(1.0)	ND(0.5)	1.1	18.7	4,770	1,570	NS	NS	
	10/16/2014	6.9	ND(5.0)	ND(5.0)	ND(5.0)	6.9	3,760	1,510	NS	NS	
	4/15/2015	0.48	J	ND(1.0)	ND(1.0)	ND(1.0)	0.48	1,710	544	NS	
	10/13/2015	ND(5.0)	ND(10)	ND(10)	ND(10)	ND(35)	1,590	956	NS	NS	
	4/20/2016	2.1	ND(1.0)	ND(1.0)	0.20	J	2.3	1,610	1,580	NS	
	11/16/2016	0.77	ND(1.0)	ND(1.0)	ND(1.0)	0.77	546	a	300	NS	
	5/17/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1	J	ND(2.0)	NS	
	MW-14S	11/25/2008	32.19	ND(0.1601)	ND(0.1959)	10.17	42.36	6,667	2,920	3,000	150
		2/20/2009	6.96	ND(0.1601)	ND(0.1959)	2.76	9.72	3,583	ND(2.0)	2,060	66.0
		5/7/2009	0.84	I	0.77	I	ND(0.1959)	0.57	2.18	2,026	1,550
9/23/2009		4.74	0.51	I	ND(0.196)	1.49	6.74	2,180	1,300	825	ND(36)
12/7/2009		3.2	I	ND(2.47)	ND(1.96)	ND(6.96)	3.2	2,280	ND(150)	1,090	ND(36)
3/11/2010		ND(2.11)	ND(2.47)	ND(1.96)	ND(6.96)	ND(13.5)	1,670	ND(150)	812	ND(36)	
5/17/2010		0.72	I	ND(0.247)	ND(0.196)	ND(0.696)	0.72	618	154	255	39.0
9/27/2010		26.7	ND(0.201)	ND(0.21)	7.05	33.75	6,710	4,770	5,320	60.0	I
12/3/2010		8.43	I	ND(5.03)	ND(5.25)	ND(16.9)	8.43	4,840	ND(154)	2,980	ND(40)
2/18/2011		8.4	ND(5.0)	ND(5.0)	2.5	J	10.9	3,300	260	3,190	ND(110)
5/17/2011		ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(4.0)	651	ND(50)	658	ND(100)	
8/11/2011		8.2	ND(5.0)	ND(5.0)	3.3	J	11.5	2,920	264	1,540	ND(100)
11/1/2011		4.5	ND(2.5)	ND(2.5)	2.2	J	6.7	1,820	196	1,600	ND(100)
5/1/2012		2.1	ND(1.0)	ND(1.0)	0.98	J	3.08	1,350	80.9	1,430	ND(100)
11/15/2012		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	935	ND(25)	NS	NS	
4/3/2013		1.3	J	ND(5.0)	ND(5.0)	ND(5.0)	1.3	751	79.8	J	NS
10/23/2013		0.29	J	ND(1.0)	ND(1.0)	ND(1.0)	0.29	440	26.2	NS	NS
4/10/2014		ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	200	ND(25)	NS	NS	
10/16/2014		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	60.1	ND(10)	NS	NS	
4/15/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	131	ND(10)	NS	NS	
10/13/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.9	ND(10)	NS	NS	
4/20/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.64	J	ND(10)	NS	NS
11/16/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2.2	ND(10)	NS	NS	
5/17/2017		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.7	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)									
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO	
MW-15D	11/25/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	360.6	112	316	15.0	
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	57.87	ND(2.0)	ND(25)	63.0	
	5/7/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	236.6	99.2	ND(25)	52.0	
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	0.34	0.34	378	238	52.0	ND(36)	
	12/7/2009	ND(1.05)	ND(1.24)	ND(0.98)	ND(3.48)	ND(6.75)	298	ND(75)	96.0	66.0	
	3/11/2010	ND(1.05)	ND(1.24)	ND(0.98)	ND(3.48)	ND(6.75)	708	ND(75)	275	38.0	
	5/17/2010	ND(2.11)	ND(2.47)	ND(1.96)	ND(6.96)	ND(13.5)	588	ND(150)	406	ND(36)	
	9/27/2010	0.283	ND(0.201)	ND(0.21)	ND(0.676)	0.283	768	625	596	60.0	
	12/3/2010	ND(2.49)	ND(2.01)	ND(2.1)	ND(6.76)	ND(13.36)	685	ND(61.4)	569	ND(40)	
	2/17/2011	2.7	ND(1.0)	ND(1.0)	ND(1.0)	2.7	529	60.7	584	ND(110)	
	6/3/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	654	46	613	ND(100)	
	8/11/2011	1.3	ND(1.0)	ND(1.0)	ND(1.0)	1.3	513	37.1	327	ND(100)	
	11/1/2011	0.95	ND(1.0)	ND(1.0)	ND(1.0)	0.95	547	67.8	650	ND(100)	
	5/1/2012	2.1	ND(1.0)	ND(1.0)	ND(1.0)	2.1	569	45.2	680	ND(110)	
	11/15/2012	1.3	ND(1.0)	ND(1.0)	ND(1.0)	1.3	404	35.3	NS	NS	
	4/2/2013	0.47	ND(2.0)	ND(2.0)	ND(2.0)	0.47	320	43.1	NS	NS	
	10/24/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	402	34.6	NS	NS	
	4/10/2014	ND(1.0)	ND(2.0)	ND(1.0)	ND(2.0)	ND(6.0)	359	25.8	NS	NS	
	10/16/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	970	154	NS	NS	
	4/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2.3	ND(10)	NS	NS	
	7/14/2015	ND(2.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(14)	700	90.6	NS	NS	
	10/14/2015	ND(2.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(14)	822	96.1	NS	NS	
	1/12/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	640	109	NS	NS	
	4/20/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	753	131	NS	NS	
	8/9/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND	676	232	NS	NS	
	11/16/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	810	223	NS	NS	
	2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	578	181	NS	NS	
	5/17/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.51	ND(10)	NS	NS	
	MW-15S	11/25/2008	62.88	ND(0.1601)	ND(0.1959)	17.69	80.57	8,463	3,840	3,650	165
		2/20/2009	44.57	ND(0.1601)	ND(0.1959)	12.42	56.99	7,870	2,580	1,950	140
5/7/2009		14.88	0.76	ND(0.1959)	4.54	20.18	3,296	2,710	1,160	53.0	
9/23/2009		13.5	0.33	ND(0.196)	3.7	17.53	5,780	3,740	2,250	44.0	
12/7/2009		24.0	ND(12.4)	ND(9.8)	ND(34.8)	24	6,510	869	2,920	102	
3/11/2010		26.5	ND(12.4)	ND(9.8)	ND(34.8)	26.5	7,150	1,930	6,540	69.0	
5/17/2010		26.1	ND(0.247)	ND(0.196)	7.57	33.67	8,600	4,870	7,140	84.0	
9/27/2010		28.7	ND(0.201)	ND(0.21)	9.42	38.12	8,460	5,870	6,380	60.0	
12/3/2010		13.4	ND(10.1)	ND(10.5)	ND(33.9)	13.4	6,780	ND(307)	5,200	68.0	
2/17/2011		11.8	ND(10)	ND(10)	3.8	15.6	4,410	620	4,560	ND(100)	
6/3/2011		6.1	ND(5.0)	ND(5.0)	2.00	8.1	2,750	277	2,690	ND(100)	
8/11/2011		14.3	ND(20)	ND(20)	ND(20)	14.3	5,140	468	2,630	122	
11/1/2011		12.6	ND(1.0)	ND(1.0)	3.8	16.4	3,590	441	3,770	ND(100)	
5/1/2012		2.4	ND(1.0)	ND(1.0)	0.55	2.95	1,260	55.8	1,680	ND(100)	
11/15/2012		3.0	ND(5.0)	ND(5.0)	ND(5.0)	3.00	2,390	ND(130)	NS	NS	
4/2/2013		3.2	ND(4.0)	ND(4.0)	ND(4.0)	3.2	410	ND(100)	NS	NS	
10/22/2013		1.5	ND(1.0)	ND(1.0)	ND(1.0)	1.5	376	2.7	NS	NS	
4/10/2014		0.47	ND(1.0)	ND(0.5)	ND(1.0)	0.47	98.3	ND(25)	NS	NS	
10/16/2014		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	175	ND(10)	NS	NS	
4/15/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.45	16.0	NS	NS	
7/14/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	42.6	ND(10)	NS	NS	
10/14/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	82.6	ND(10)	NS	NS	
1/12/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	28.4	ND(10)	NS	NS	
4/20/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	7.8	ND(10)	NS	NS	
8/9/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND	4.1	ND(10)	NS	NS	
11/16/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	7.8	ND(10)	NS	NS		
2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	9.1	ND(10)	NS	NS		
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	8.8	ND(10)	NS	NS		

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-16D	5/7/2009	ND(0.2105)	1.42	ND(0.1959)	ND(0.6946)	1.42	431.6	255	128	ND(25)
	9/23/2009	1.4	ND(1.24)	ND(0.98)	1.9	3.3	393	139	74.0	ND(36)
	12/7/2009	ND(0.526)	ND(0.618)	ND(0.49)	ND(1.739)	ND(3.373)	267	49.1	87.0	413
	3/11/2010	ND(0.526)	ND(0.618)	ND(0.49)	ND(1.739)	ND(3.373)	472	42.2	234	36.0
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	369	119	229	ND(36)
	9/27/2010	78.9	ND(0.201)	ND(0.21)	12.0	90.9	3,060	2,320	2,610	60.0
	12/3/2010	ND(1.25)	ND(1.01)	ND(1.05)	ND(3.39)	ND(6.7)	465	111	366	ND(40)
	2/18/2011	2.1	ND(1.0)	ND(1.0)	ND(1.0)	2.1	182	26.1	ND(200)	ND(100)
	5/17/2011	2.3	ND(1.0)	ND(1.0)	0.40	2.7	431	127	500	ND(100)
	8/11/2011	0.70	ND(1.0)	ND(1.0)	0.24	0.94	503	121	305	ND(100)
	11/1/2011	2.5	ND(1.0)	ND(1.0)	0.43	2.93	471	158	614	ND(100)
	5/1/2012	1.2	ND(1.0)	ND(1.0)	0.24	1.44	529	130	660	ND(100)
	11/15/2012	0.29	ND(1.0)	ND(1.0)	ND(1.0)	0.29	494	161	NS	NS
	4/3/2013	0.71	ND(1.0)	ND(1.0)	ND(1.0)	0.71	384	128	NS	NS
	10/24/2013	0.54	ND(1.0)	ND(1.0)	ND(1.0)	0.54	474	140	NS	NS
	4/10/2014	ND(1.0)	ND(2.0)	ND(1.0)	ND(2.0)	ND(6.0)	281	86.6	NS	NS
	10/16/2014	0.25	ND(1.0)	ND(1.0)	ND(1.0)	0.25	369	105	NS	NS
	4/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	6.7	ND(10)	NS	NS
	10/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	298	77.5	NS	NS
	4/20/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	202	47.8	NS	NS
	11/16/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	167	23.1	NS	NS
	5/17/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	117	ND(10)	NS	NS
	MW-16S	5/7/2009	87.87	1.57	ND(0.1959)	29.23	118.67	1,269	892	683
9/23/2009		133	0.46	ND(0.196)	39.8	173.26	3,390	1,630	1,290	279
12/7/2009		81	ND(12.4)	ND(9.8)	19.5	100.5	2,190	ND(750)	1,430	146
3/11/2010		35.2	ND(4.94)	ND(3.92)	8.2	43.4	3,110	587	1,810	126
5/17/2010		38.3	ND(0.247)	ND(0.196)	9.94	48.24	1,720	652	1,510	77.0
9/27/2010		ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	507	365	359	60.0
12/3/2010		71.8	ND(5.03)	ND(5.25)	16.8	88.6	3,240	837	2,900	211
2/18/2011		48.8	ND(5.0)	ND(5.0)	9.1	57.9	2,750	563	2,800	157
5/17/2011		ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(4.0)	597	50	633	ND(100)
8/11/2011		28.8	ND(5.0)	ND(5.0)	8.3	37.1	4,410	773	2,200	149
11/1/2011		19.8	ND(5.0)	ND(5.0)	1.6	21.4	3,130	811	3,360	ND(110)
5/1/2012		22.5	ND(5.0)	ND(5.0)	2.4	24.9	4,030	1,120	4,440	ND(100)
11/15/2012		8.8	ND(5.0)	ND(5.0)	ND(5.0)	8.8	1,820	941	NS	NS
4/3/2013		0.80	ND(1.0)	ND(1.0)	ND(1.0)	0.80	145	91.0	NS	NS
10/24/2013		10.7	ND(5.0)	ND(5.0)	ND(5.0)	10.7	2,450	1,500	NS	NS
4/10/2014		2.2	ND(1.0)	ND(0.5)	0.28	2.48	527	286	NS	NS
10/16/2014		7.3	ND(1.0)	ND(1.0)	0.53	7.83	1,310	735	NS	NS
4/15/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2,230	428	NS	NS
10/14/2015		2.6	ND(5.0)	ND(5.0)	ND(5.0)	2.6	912	301	NS	NS
4/20/2016		0.38	ND(1.0)	ND(1.0)	ND(1.0)	0.38	422	88	NS	NS
11/16/2016		16	ND(1.0)	ND(1.0)	ND(1.0)	16	2,500	1,570	NS	NS
5/17/2017		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	389	111	NS	NS

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)										
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO		
MW-17D	5/7/2009	0.52	I	1.91	ND(0.1959)	ND(0.6946)	2.43	103.4	57.1	ND(25)	26.0	
	9/23/2009	0.84	I	ND(0.247)	ND(0.196)	ND(0.696)	0.84	50.9	17.4	I	15.0	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.196)	ND(0.696)	ND(1.35)	48.5	ND(15)	30.0	I	82.0
	3/11/2010	0.89	ND(0.247)	ND(0.196)	ND(0.196)	ND(0.696)	0.89	141	28.4	64.0	65.0	
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.196)	ND(0.696)	ND(1.35)	196	54.6	110	85.0	I
	9/27/2010	12.6	ND(0.201)	ND(0.21)	0.631	13.231	540	433	451	60.0	I	
	12/3/2010	8.09	ND(1.01)	ND(1.05)	ND(3.39)	8.09	390	86.2	I	313	ND(40)	
	2/17/2011	12.5	ND(1.0)	ND(1.0)	0.79	J	13.29	290	60.4	380	ND(110)	
	6/3/2011	17.0	ND(1.0)	ND(1.0)	0.31	J	17.31	519	96.6	574	ND(100)	
	8/12/2011	0.64	J	ND(1.0)	ND(1.0)	ND(1.0)	0.64	161	28.3	216	ND(100)	
	11/2/2011	8.3	ND(1.0)	ND(1.0)	0.31	J	8.61	250	61.3	217	ND(100)	
	5/1/2012	5.1	ND(1.0)	ND(1.0)	ND(1.0)	5.1	252	59.2	355	ND(110)		
	11/15/2012	2.8	ND(1.0)	ND(1.0)	ND(1.0)	2.8	184	59.1	NS	NS		
	4/2/2013	3.4	ND(1.0)	ND(1.0)	ND(1.0)	3.4	211	51.6	NS	NS		
	10/22/2013	1.9	ND(1.0)	ND(1.0)	ND(1.0)	1.9	206	50.1	NS	NS		
	4/10/2014	4.3	ND(1.0)	ND(0.5)	ND(1.0)	4.3	248	84.5	NS	NS		
	10/16/2014	3.4	ND(1.0)	ND(1.0)	ND(1.0)	3.4	297	72.0	NS	NS		
	4/16/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	26.2	ND(10)	NS	NS		
	7/14/2015	1.7	ND(1.0)	ND(1.0)	ND(1.0)	1.7	278	67.4	NS	NS		
	10/13/2015	1.4	ND(1.0)	ND(1.0)	ND(1.0)	1.4	198	63.1	NS	NS		
1/12/2016	0.32	J	ND(1.0)	ND(1.0)	ND(1.0)	0.32	137	46.5	NS	NS		
4/21/2016	1.2	ND(1.0)	ND(1.0)	ND(1.0)	1.2	244	93.0	NS	NS			
8/9/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND	146	30.6	NS	NS			
11/16/2016	0.32	J	ND(1.0)	ND(1.0)	ND(1.0)	0.32	161	30.1	NS	NS		
2/15/2017	0.18	J	ND(1.0)	ND(1.0)	ND(1.0)	0.18	82	14.9	NS	NS		
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS			
MW-17S	5/7/2009	24.95	0.83	I	ND(0.1959)	6.2	31.98	971.3	667	380	ND(25)	
	9/23/2009	40.3	ND(2.47)	ND(1.96)	6.9	47.2	967	317	397	37.0	I	
	12/7/2009	38.1	ND(2.47)	ND(1.96)	5.9	44.0	1,020	ND(150)	495	100		
	3/11/2010	25.8	ND(1.24)	ND(0.98)	3.3	29.1	742	109	463	44.0	I	
	5/17/2010	7.27	ND(0.247)	ND(0.196)	0.84	8.11	341	89.6	244	ND(36)		
	9/27/2010	49.2	ND(0.201)	ND(0.21)	0.829	50.029	971	748	881	60.0	I	
	12/3/2010	54.3	ND(2.01)	ND(2.1)	4.42	58.72	1,290	177	I	1,190	67.0	I
	2/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	35.6	ND(25)	ND(200)	ND(100)		
	6/3/2011	21.5	ND(1.0)	ND(1.0)	0.79	J	22.29	798	105	810	ND(100)	
	8/11/2011	32.6	ND(2.0)	ND(2.0)	3.2	35.8	1,110	171	736	ND(100)		
	11/2/2011	20	ND(2.5)	ND(2.5)	1.1	J	21.1	827	155	444	ND(100)	
	5/1/2012	12.4	ND(1.0)	ND(1.0)	ND(1.0)	12.4	832	187	1,060	ND(100)		
	11/15/2012	8.6	ND(1.0)	ND(1.0)	ND(1.0)	8.6	740	215	NS	NS		
	4/2/2013	6.8	ND(1.0)	ND(1.0)	ND(1.0)	6.8	461	165	NS	NS		
	10/22/2013	6.9	ND(1.0)	ND(1.0)	ND(1.0)	6.9	643	233	NS	NS		
	4/10/2014	1.1	J	ND(2.5)	ND(1.3)	ND(2.5)	1.1	252	70.7	NS	NS	
	10/16/2014	5.7	ND(1.0)	ND(1.0)	ND(1.0)	5.7	506	149	NS	NS		
	4/16/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS		
	7/14/2015	2.7	ND(1.0)	ND(1.0)	ND(1.0)	2.7	367	82.0	NS	NS		
	10/13/2015	1.9	ND(1.0)	ND(1.0)	ND(1.0)	1.9	381	93.0	NS	NS		
1/12/2016	1.0	ND(1.0)	ND(1.0)	ND(1.0)	1.0	243	69.5	NS	NS			
4/20/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	109	17.4	NS	NS			
8/9/2016	0.50	ND(1.0)	ND(1.0)	ND(1.0)	0.50	167	47.2	NS	NS			
11/16/2016	1.10	ND(1.0)	ND(1.0)	ND(1.0)	1.10	342	b	105	NS	NS		
2/15/2017	0.38	J	ND(1.0)	ND(1.0)	ND(1.0)	0.38	162	48.4	NS	NS		
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	135	16.2	NS	NS			

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-17W	5/7/2009	1.06	2.38	ND(0.1959)	0.77	4.21	67.23	38.4	ND(25)	ND(25)
	9/23/2009	0.55	0.63	ND(0.196)	ND(0.696)	1.18	46.8	17.4	23.0	74.0
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	41.9	ND(15)	27.0	128
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	30.3	ND(15)	34.0	42.0
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	3.05	ND(15)	ND(25)	ND(36)
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	50.6	32.2	72.0	ND(36)
	12/3/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	92.1	ND(6.14)	75.0	46.0
	2/17/2011	59.8	ND(1.0)	ND(1.0)	7.8	67.6	1,080	168	1,230	ND(100)
	6/3/2011	1.4	ND(1.0)	ND(1.0)	ND(1.0)	1.4	49.4	ND(25)	ND(200)	ND(100)
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	61.2	ND(25)	ND(200)	ND(100)
	11/2/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	49.6	ND(25)	ND(200)	199
	5/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	48.8	ND(25)	ND(200)	ND(100)
	11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	8.2	ND(25)	NS	NS
	4/2/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	17.5	16.4	NS	NS
	10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	23.6	ND(25)	NS	NS
	4/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	9.5	ND(25)	NS	NS
	10/15/2014	ND(0.5)	0.22	ND(1.0)	ND(1.0)	0.22	7.5	ND(10)	NS	NS
	4/16/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	12.6	ND(10)	NS	NS
	7/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	35.1	ND(10)	NS	NS
	10/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	38.6	ND(10)	NS	NS
1/13/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	19.9	ND(10)	NS	NS	
4/20/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	11.1	ND(10)	NS	NS	
8/9/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND	14.8	ND(10)	NS	NS	
11/16/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND (3.5)	27.1	ND(10)	NS	NS	
2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND (3.5)	15.6	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND (3.5)	ND(1.0)	ND(10)	NS	NS	
MW-18	5/7/2009	ND(0.2105)	1.73	ND(0.1959)	0.95	2.68	800.8	502	219	110
	8/24/2009	0.47	ND(0.247)	ND(0.196)	2.88	3.35	1,070	587	NS	NS
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	733	394	164	ND(36)
	12/7/2009	ND(2.11)	2.97	ND(1.96)	ND(6.96)	2.97	836	ND(150)	485	ND(36)
	3/11/2010	ND(1.05)	ND(1.24)	ND(0.98)	ND(3.48)	ND(6.75)	769	ND(75)	429	45.0
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	0.57	0.57	1,020	325	748	ND(36)
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	94.4	99.8	112	ND(36)
	12/6/2010	2.02	ND(1.01)	ND(1.05)	ND(3.39)	2.02	282	34.9	231	ND(40)
	2/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	762	30.7	828	ND(110)
	5/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	711	89.4	769	ND(100)
	8/12/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(8.0)	1,500	59.1	1,590	ND(100)
	11/1/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.8	1.8	2,080	343	2,280	ND(100)
	5/2/2012	ND(2.5)	ND(2.5)	ND(2.5)	2.0	2.0	2,330	374	3,000	ND(100)
	11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	685	60.0	NS	NS
	4/2/2013	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	2,220	412	NS	NS
	10/23/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2,450	569	NS	NS
	4/8/2014	ND(2.5)	ND(5.0)	ND(2.5)	ND(5.0)	ND(15)	1,860	248	NS	NS
	10/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2,330	302	NS	NS
	4/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	700	89.2	NS	NS
	10/12/2015	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	1,980	411	NS	NS
4/20/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	793	65.4	NS	NS	
11/17/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	884	24.5	NS	NS	
5/17/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1,410	83.1	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)									
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO	
MW-24D	12/6/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	36.9	43.7	55.0	56.0	
	2/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	13.8	ND(25)	ND(200)	ND(100)	
	5/17/2011	NS	NS	NS	NS	NS	NS	NS	NS	178	
	6/3/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	10.3	ND(25)	ND(200)	NS	
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	13.8	ND(25)	ND(200)	ND(100)	
	11/2/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	12.7	ND(25)	ND(200)	ND(100)	
	2/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	10.5	ND(25)	NS	NS	
	5/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	8.8	ND(25)	ND(200)	ND(100)	
	8/7/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	8.4	ND(25)	NS	NS	
	11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.4	ND(25)	NS	NS	
	1/16/2013	ND(1.0)	0.48	ND(1.0)	0.62	1.1	5.6	ND(25)	NS	NS	
	4/2/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.1	ND(25)	NS	NS	
	7/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.7	ND(25)	NS	NS	
	10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	3.5	ND(25)	NS	NS	
	1/15/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.3	ND(25)	NS	NS	
	4/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	2.7	ND(25)	NS	NS	
	7/16/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	3.8	ND(25)	NS	NS	
	10/16/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2.8	ND(10)	NS	NS	
	1/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2.2	ND(10)	NS	NS	
	4/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.7	ND(10)	NS	NS	
	7/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.4	ND(10)	NS	NS	
	10/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.3	ND(10)	NS	NS	
	1/13/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.94	ND(10)	NS	NS	
	4/20/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.59	ND(10)	NS	NS	
	8/9/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND	0.38	ND(10)	NS	NS	
	11/16/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	MW-24S	12/6/2010	1.83	ND(1.01)	ND(1.05)	ND(3.39)	1.83	261	266	278	ND(36)
		2/18/2011	3.8	ND(1.0)	ND(1.0)	0.55	4.35	266	75.5	340	ND(100)
5/17/2011		NS	NS	NS	NS	NS	NS	NS	NS	179	
6/3/2011		3.8	ND(1.0)	ND(1.0)	1.1	4.9	326	101	351	NS	
8/11/2011		5.5	ND(1.0)	ND(1.0)	0.60	6.1	352	120	252	ND(110)	
11/2/2011		4.5	ND(1.0)	ND(1.0)	0.19	4.69	240	112	ND(200)	ND(100)	
2/2/2012		3.3	ND(1.0)	ND(1.0)	ND(1.0)	3.3	275	ND(25)	NS	NS	
5/2/2012		3.8	ND(1.0)	ND(1.0)	ND(1.0)	3.8	185	74.9	287	ND(100)	
8/7/2012		2.9	ND(1.0)	ND(1.0)	ND(1.0)	2.9	145	73.1	NS	NS	
11/15/2012		2.1	ND(1.0)	ND(1.0)	ND(1.0)	2.1	154	65.3	NS	NS	
1/16/2013		1.3	ND(1.0)	ND(1.0)	ND(1.0)	1.3	83.0	33.7	NS	NS	
4/2/2013		0.58	ND(1.0)	ND(1.0)	ND(1.0)	0.58	68.0	23.6	NS	NS	
7/10/2013		0.45	ND(1.0)	ND(1.0)	ND(1.0)	0.45	63.2	19.4	NS	NS	
10/22/2013		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	69.7	ND(25)	NS	NS	
1/15/2014		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	28.9	5.2	NS	NS	
4/10/2014		ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	26.0	ND(25)	NS	NS	
7/16/2014		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	50.2	12.9	NS	NS	
10/16/2014		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	46.2	ND(10)	NS	NS	
1/15/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	24.5	ND(10)	NS	NS	
4/15/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	23.9	ND(10)	NS	NS	
7/15/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	31.7	ND(10)	NS	NS	
10/13/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	23.8	ND(10)	NS	NS	
1/13/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	16.1	ND(10)	NS	NS	
4/20/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	13.9	ND(10)	NS	NS	
8/9/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	17.8	ND(10)	NS	NS	
11/16/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	17.1	ND(10)	NS	NS	
2/15/2017		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	10.8	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	3.2	ND(10)	NS	NS		

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-25D	12/6/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	102	104	120	404
	2/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	119	14.8 J	ND(200)	ND(110)
	5/17/2011	NS	NS	NS	NS	NS	NS	NS	NS	140
	6/3/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	117	9.3 J	ND(200)	NS
	8/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	81.1	ND(25)	ND(200)	ND(100)
	11/2/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	92.4	ND(25)	ND(200)	ND(100)
	2/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	86.3	ND(25)	NS	NS
	5/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	80.2	7.4 J	ND(200)	ND(100)
	8/7/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	59.4	ND(25)	NS	NS
	11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	62.8	ND(25)	NS	NS
	1/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	45.2	ND(25)	NS	NS
	4/2/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	39.7	ND(25)	NS	NS
	7/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	49.7	ND(25)	NS	NS
	10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	31.5	ND(25)	NS	NS
	1/15/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	17.5	ND(25)	NS	NS
	4/11/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	30.3	ND(25)	NS	NS
	7/16/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	25.1	37.4	NS	NS
	10/16/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	36.7	ND(10)	NS	NS
	1/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	22.4	ND(10)	NS	NS
	4/16/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	21.3	ND(10)	NS	NS
	7/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	19.00	ND(10)	NS	NS
	10/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	10.5	ND(10)	NS	NS
	1/13/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	5.9	ND(10)	NS	NS
	4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	4.3	ND(10)	NS	NS
	8/9/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
11/16/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.93 J	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
MW-25S	12/6/2010	4.0 I	ND(1.01)	ND(1.05)	ND(3.39)	4.0	291	283	285	ND(36)
	2/17/2011	1.1	ND(1.0)	ND(1.0)	ND(1.0)	1.1	170	11.6 J	221	ND(100)
	5/17/2011	NS	NS	NS	NS	NS	NS	NS	NS	ND(100)
	6/3/2011	0.86 J	ND(1.0)	ND(1.0)	ND(1.0)	0.86 J	98.1	ND(25)	ND(200)	NS
	8/11/2011	0.89 J	ND(1.0)	ND(1.0)	ND(1.0)	0.89 J	86.1	ND(25)	ND(200)	ND(100)
	11/2/2011	0.42 J	ND(1.0)	ND(1.0)	ND(1.0)	0.42 J	36.1	ND(25)	ND(200)	ND(100)
	2/2/2012	0.48 J	ND(1.0)	ND(1.0)	ND(1.0)	0.48 J	28.4	ND(25)	NS	NS
	5/2/2012	0.23 J	ND(1.0)	ND(1.0)	ND(1.0)	0.23 J	18.9	ND(25)	ND(200)	ND(100)
	8/7/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	12.5	ND(25)	NS	NS
	11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	10.3	ND(25)	NS	NS
	1/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	7.9	ND(25)	NS	NS
	4/2/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	6.7	ND(25)	NS	NS
	7/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	7.0	ND(25)	NS	NS
	10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.1	ND(25)	NS	NS
	1/15/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	3.5	ND(25)	NS	NS
	4/11/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	3.8	ND(25)	NS	NS
	7/16/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	14.3	ND(25)	NS	NS
	10/16/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	10.4	ND(10)	NS	NS
	1/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	4.2	ND(10)	NS	NS
	4/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	3.1	ND(10)	NS	NS
	7/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2.5	ND(10)	NS	NS
	10/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.7	ND(10)	NS	NS
	1/13/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.5	ND(10)	NS	NS
	4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.7	ND(10)	NS	NS
	8/9/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
11/16/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.2	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)									
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO	
MW-26D	12/6/2010	ND(2.49)	ND(2.01)	ND(2.1)	ND(6.76)	ND(13.36)	1,260	1,240	2,090	45.0	
	1/11/2011	NS	NS	NS	NS	NS	1,490	NS	NS	NS	
	2/17/2011	2.3	ND(1.0)	ND(1.0)	0.81	J 3.11	1,630	83.8	1,770	ND(100)	
	3/7/2011	NS	NS	NS	NS	NS	1,560	NS	NS	NS	
	4/18/2011	NS	NS	NS	NS	NS	1,940	NS	NS	NS	
	5/17/2011	NS	NS	NS	NS	NS	NS	NS	NS	ND(110)	
	6/3/2011	2.8	ND(2.0)	ND(2.0)	0.70	J 3.5	1,860	102	1,250	NS	
	7/20/2011	NS	NS	NS	NS	NS	1,800	NS	NS	NS	
	8/11/2011	1.8	J ND(5.0)	ND(5.0)	ND(5.0)	1.8	1,890	61.7	J 1,020	ND(100)	
	11/1/2011	3.0	ND(1.0)	ND(1.0)	0.47	J 3.47	1,630	127	1,690	ND(100)	
	2/2/2012	2.3	J ND(10)	ND(10)	ND(10)	2.3	1,450	ND(250)	NS	NS	
	5/2/2012	2.5	ND(1.0)	ND(1.0)	ND(1.0)	2.5	1,430	87.2	1,630	ND(110)	
	8/7/2012	1.4	ND(1.0)	ND(1.0)	ND(1.0)	1.4	1,070	40.0	NS	NS	
	11/14/2012	0.48	J ND(1.0)	ND(1.0)	ND(1.0)	0.48	485	ND(25)	NS	NS	
	1/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	273	ND(25)	NS	NS	
	4/2/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	229	ND(25)	NS	NS	
	7/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	269	ND(25)	NS	NS	
	10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	18.2	ND(25)	NS	NS	
	1/15/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.4	ND(25)	NS	NS	
	4/11/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	57.8	ND(25)	NS	NS	
	7/16/2014	ND(0.5)	10.0	ND(1.0)	ND(1.0)	10.0	104	9.5	J J	NS	NS
	10/16/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	47.2	ND(10)	NS	NS	
	1/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	75.6	ND(10)	NS	NS	
	4/16/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	68	ND(10)	NS	NS	
	7/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	78.9	ND(10)	NS	NS	
	10/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	95	ND(10)	NS	NS	
	1/13/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	7.3	ND(10)	NS	NS	
	4/21/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.5	ND(10)	NS	NS	
	8/9/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	15.5	ND(10)	NS	NS	
	11/16/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.44	J ND(10)	NS	NS	
	2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
	5/17/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
MW-26S	12/6/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	96.7	90.5	96.0	39.0
	1/11/2011	NS	NS	NS	NS	NS	31.4	NS	NS	NS
	2/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	267	ND(25)	322	ND(100)
	3/7/2011	NS	NS	NS	NS	NS	210	NS	NS	NS
	4/18/2011	NS	NS	NS	NS	NS	22.3	NS	NS	NS
	5/17/2011	NS	NS	NS	NS	NS	NS	NS	NS	180
	6/3/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	40.1	ND(25)	ND(200)	NS
	7/20/2011	NS	NS	NS	NS	NS	183	NS	NS	NS
	8/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	104	ND(25)	ND(200)	ND(110)
	11/1/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	119	ND(25)	221	ND(100)
	2/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	51.2	ND(25)	NS	NS
	5/2/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	9.0	ND(25)	ND(200)	ND(100)
	8/7/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	11.7	ND(25)	NS	NS
	11/14/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	17.2	ND(25)	NS	NS
	1/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	16.6	ND(25)	NS	NS
	4/2/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	8.4	ND(25)	NS	NS
	7/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	9.3	ND(25)	NS	NS
	10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	95	ND(25)	NS	NS
	1/15/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	88.8	ND(25)	NS	NS
	4/11/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	13.2	ND(25)	NS	NS
	7/16/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	43.2	6.4	NS	NS
	10/16/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	153	ND(10)	NS	NS
	1/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	4.1	ND(10)	NS	NS
	4/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	11.9	ND(10)	NS	NS
	7/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2.8	ND(10)	NS	NS
	10/13/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.6	ND(10)	NS	NS
	1/13/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	40.8	ND(10)	NS	NS
	4/21/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	9.4	ND(10)	NS	NS
	8/9/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2.0	ND(10)	NS	NS
	11/16/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	3.8	ND(10)	NS	NS
2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	1.0	ND(10)	NS	NS	
5/17/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2.7	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
RW-01	1/6/2004	17.4	2.6	3.3	38.9	62.2	156	ND(5.0)	1,000	469
	4/5/2004	65.1	1.5	5.1	13.0	84.7	116	ND(5.0)	1,370	275
	7/1/2004	102	1.8	6.5	12.3	122.6	69.3	ND(10)	8,450	417
	10/5/2004	24.2	25.1	8.6	112	169.9	1,990	1,360	845	ND
	1/3/2005	2.4	8.4	4.7	65.7	81.2	9.2	ND(25)	498	170
	4/13/2005	6.5	20.6	23.4	127	177.5	10.1	ND(25)	2030	339
	8/17/2005	1.2	2.3	2.0	43.8	49.3	8.7	ND	335	189
	11/17/2005	ND	0.59	ND	5.0	5.59	5.4	ND	ND	ND
	3/30/2006	1.7	5.5	4.02	48	59.22	8.43	ND	205	191
	6/29/2006	4.8	3.8	7.74	44.4	60.74	101	152	247	106
	9/28/2006	5.27	5.18	5.68	49.4	65.53	6.44	ND(10)	299	227
	12/19/2006	1.22	2.13	2.26	13.0	18.61	7.62	ND(20)	197	ND(101)
	3/6/2007	1.7	4.6	6.9	39.0	52.2	10.4	ND(20)	193	700
	6/22/2007	3.48	ND(1.0)	ND(1.0)	8.49	11.97	76.1	101	ND(100)	ND(111)
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	7.93	ND(20)	ND(100)	ND(100)
	12/5/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	6.64	ND(20)	124	ND(105)
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	6.4	6.4	6.8	ND(100)	ND(100)	ND(50)
	6/24/2008	2.0	ND(1.0)	ND(1.0)	16.8	18.8	8.6	7.4	170	ND(50)
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	140
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	8.83	ND(2.0)	36.0	ND(13)
	2/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	8.73	ND(2.0)	ND(25)	31.0
	5/7/2009	3.36	4.04	3.73	37.66	48.79	ND(0.2562)	ND(2.0)	226	120
	9/23/2009	0.23	ND(0.247)	0.36	1.1	1.69	5.56	ND(15)	56.0	ND(36)
	12/7/2009	3.0	2.89	9.13	65.0	80.02	5.85	ND(15)	332	58.0
	3/11/2010	6.22	5.37	13.2	140.3	165.09	7.13	ND(15)	607	230
	5/17/2010	8.92	2.77	9.24	88.9	109.83	6.51	ND(15)	540	153
	9/27/2010	1.64	2.07	2.28	16.72	22.71	5.22	ND(6.14)	93.0	90.0
	12/2/2010	2.45	3.13	14.9	61.5	81.98	5.2	11.1	328	192
	2/18/2011	0.74	0.54	1.8	9.3	12.38	3.1	ND(25)	ND(200)	ND(110)
	5/20/2011	2.4	1.5	3.9	46.9	54.7	3.5	ND(25)	235	ND(100)
	8/10/2011	0.84	0.28	1.2	3.5	5.82	3.1	ND(25)	ND(200)	ND(100)
	11/3/2011	0.99	0.60	3.5	13	18.09	2.7	ND(25)	ND(200)	ND(100)
	2/1/2012	1.1	0.80	3.8	18.7	24.4	2.9	ND(25)	NS	NS
	5/4/2012	0.27	ND(1.0)	0.35	7.8	8.42	ND(1.0)	ND(25)	ND(200)	150
	8/8/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	1/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/3/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.19	ND(25)	NS	NS
	7/22/2013	0.40	ND(1.0)	0.42	0.45	1.27	ND(1.0)	ND(25)	NS	NS
	10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	1/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/8/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
	7/15/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(25)	NS	NS
	10/14/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	1/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	0.23	0.23	ND(1.0)	ND(10)	NS	NS
4/14/2015	3.4	ND(1.0)	ND(1.0)	0.49	3.89	ND(1.0)	ND(10)	NS	NS	
7/14/2015	4.8	ND(1.0)	ND(1.0)	ND(1.0)	4.8	ND(1.0)	ND(10)	NS	NS	
10/12/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
1/12/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
8/10/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND	ND(1.0)	ND(10)	NS	NS	
12/1/2016	ND(0.5)	ND(1.0)	0.22	ND(1.0)	0.22	ND(1.0)	ND(10)	NS	NS	
2/15/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
RW-03	1/6/2004	ND(22)	191	ND(13)	ND(18)	191	67,600	ND(740)	81,200	312
	4/5/2004	ND	ND	ND	ND	ND	125,000	ND	145,000	ND
	7/8/2004	110	158	ND(200)	ND(200)	268	123,000	8,530	141,000	895
	10/5/2004	39.7	10.4	ND	41.4	91.5	18,100	12,300	15,200	ND
	1/3/2005	40.1	4.7	ND	6.7	51.5	21,800	16,600	18,800	159
	4/13/2005	83.8	152	6.0	53.6	295.4	11,200	18,800	20,500	1,280
	8/17/2005	40.1	ND	ND	10.2	50.3	17,500	14,000	18,800	190
	11/17/2005	10.3	ND	ND	ND	10.3	14,000	15,400	9,090	ND
	3/30/2006	12.2	7.75	9.64	68.4	97.99	90.2	252	237	204
	6/29/2006	1.9	ND	ND	ND	1.9	420	711	495	109
	9/29/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	27.5	53.3	ND(100)	611
	12/19/2006	1.99	ND(1.0)	ND(1.0)	ND(3.0)	1.99	122	252	180	189
	3/6/2007	4.4	ND(2.0)	ND(2.0)	ND(6.0)	4.4	156	369	154	230
	6/22/2007	4.56	ND(1.0)	ND(1.0)	4.92	9.48	105	133	ND(100)	179
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	7.96	ND(20)	ND(100)	ND(105)
	12/5/2007	5.22	ND(1.0)	ND(1.0)	ND(3.0)	5.22	62.4	175	154	ND(105)
	3/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	72.0	120	140	ND(50)
	6/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	71.0	90.0	150	140
	9/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	54.0	ND(1.0)	110	190
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	75.42	117	187	86.0
	2/20/2009	0.7867	0.5624	ND(0.1959)	0.5052	1.8543	51.54	42.0	85.0	97.0
	5/7/2009	ND(0.2105)	0.95	ND(0.1959)	ND(0.6946)	0.95	34.43	45.5	50.0	100
	9/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	14.4	ND(15)	100	ND(36)
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	17.7	19.5	49.0	ND(36)
	3/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	3.05	ND(15)	30.0	ND(36)
	5/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	2.08	ND(15)	27.0	45.0
	9/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	8.66	10.0	ND(25)	ND(36)
	12/2/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	6.91	ND(6.14)	29.0	ND(36)
	2/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	7.0	ND(25)	ND(200)	ND(110)
	5/20/2011	1.1	0.71	1.6	20.7	24.11	3.5	ND(25)	ND(200)	ND(100)
	8/10/2011	0.62	0.18	0.96	2.7	4.46	2.8	ND(25)	ND(200)	ND(100)
	11/3/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	4.1	ND(25)	ND(200)	ND(100)
	2/1/2012	1.1	0.72	2.9	14.2	18.92	3.0	ND(25)	NS	NS
	5/4/2012	2.0	ND(1.0)	ND(1.0)	ND(1.0)	2.0	1.1	ND(25)	ND(200)	ND(110)
	8/8/2012	3.5	ND(1.0)	ND(1.0)	ND(1.0)	3.5	3.7	ND(25)	NS	NS
	11/13/2012	ND(1.0)	0.30	ND(1.0)	ND(1.0)	0.30	ND(1.0)	ND(25)	NS	NS
	1/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/4/2013	0.48	ND(1.0)	ND(1.0)	ND(1.0)	0.48	0.36	ND(25)	NS	NS
	7/22/2013	24.1	3.2	0.44	9.6	37.34	10.6	20.4	NS	NS
	10/22/2013	1.5	ND(1.0)	ND(1.0)	ND(1.0)	1.5	5.2	ND(25)	NS	NS
	7/15/2014	27.7	10.9	ND(1.0)	10.0	48.6	2.5	9.0	NS	NS
	10/14/2014	7.7	ND(1.0)	ND(1.0)	1.5	9.2	1.4	ND(10)	NS	NS
	1/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.40	ND(10)	NS	NS
	4/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS
	7/14/2015	0.36	0.34	ND(1.0)	ND(1.0)	0.7	ND(1.0)	ND(10)	NS	NS
	10/12/2015	1.6	ND(1.0)	ND(1.0)	ND(1.0)	1.6	0.67	40.8	NS	NS
	1/12/2016	4.5	0.26	ND(1.0)	ND(1.0)	4.76	2.6	20.0	NS	NS
4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	
8/10/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND	ND(1.0)	ND(10)	NS	NS	
12/1/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.49	ND(10)	NS	NS	
2/15/2017	0.16	ND(1.0)	ND(1.0)	ND(1.0)	0.16	0.71	12.2	NS	NS	
5/16/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	ND(1.0)	ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
RW-10	4/5/2004	354	153	208	183	898	43,500	23,200	64,100	ND
	7/1/2004	784	86.9	858	363	2,091.9	34,200	28,600	85,500	2,280
	10/5/2004	675	74.5	45.6	301	1,096.1	34,600	18,700	6,990	605
	1/3/2005	139	20.6	16.9	155	331.5	8,850	2,670	9,450	826
	4/13/2005	490	295	73.6	527	1,385.6	45,800	9,630	40,100	462
	8/17/2005	442	58.4	ND	415	915.4	36,800	8,460	70,800	589
	11/17/2005	114	ND	17.2	147	278.2	20,700	10,400	39,500	631
	3/30/2006	64.8	18.6	40.4	129	252.8	1,110	942	2,150	707
	6/29/2006	139	8.8	101	207	455.8	152	304	2,390	896
	9/29/2006	175	4.74	126	153	458.74	35.8	203	812	927
	3/6/2007	36.0	6.4	15.0	56.0	113.4	190	241	557	1,200
	6/22/2007	3.67	1.41	1.46	13.2	19.74	59.7	75.4	ND(100)	183
	9/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	7.81	ND(20)	ND(100)	ND(100)
	12/5/2007	1.79	ND(1.0)	ND(1.0)	ND(3.0)	1.79	23.9	56.8	126	ND(105)
	3/25/2008	46.0	ND(5.0)	ND(5.0)	ND(5.0)	46	100	240	380	380
	6/24/2008	110	3.8	20	70	203.8	160	380	1,100	1,600
	9/15/2008	4.3	ND(0.14)	ND(0.19)	ND(0.71)	4.3	90.0	ND(1.0)	170	440
	12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	20.0
	2/20/2009	4.454	0.5923	ND(0.1959)	1.61	6.6563	74.32	127	150	980
	5/7/2009	13.93	0.94	2.71	6.38	23.96	82.5	245	185	150
	9/23/2009	33	1.62	8.57	50.4	93.59	66.6	262	332	230
	12/7/2009	35.7	1.77	21.7	98.6	157.77	46.7	341	633	502
	3/11/2010	39.9	0.93	2.12	24.5	67.45	33.6	112	294	292
	5/17/2010	30.5	0.51	1.19	6.85	39.05	41.1	138	192	156
	9/27/2010	7.81	0.236	4.07	11.17	23.286	16.9	138	109	253
	12/2/2010	29.9	0.91	6.58	46.1	83.49	27.7	218	339	443
	2/18/2011	5.7	0.31	4.3	11.3	21.61	17.4	221	ND(200)	338
	5/20/2011	36.7	1.1	9.9	32	79.7	25.9	105	210	332
	8/10/2011	0.56	ND(1.0)	0.65	2.3	3.51	2.9	ND(25)	ND(200)	ND(100)
	11/3/2011	9.1	0.52	4.7	19.7	34.02	10.4	189	232	258
	2/1/2012	14.3	0.52	1.7	9.9	26.42	16.1	82.0	NS	NS
	8/8/2012	68.4	0.81	18.9	3.5	91.61	27.8	734	NS	NS
	11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	1/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/3/2013	16.3	0.36	3.3	0.72	20.68	8.8	674	NS	NS
	7/22/2013	14.7	ND(1.0)	ND(1.0)	ND(1.0)	14.7	29.7	532	NS	NS
	10/22/2013	66.4	1.5	7.2	2.4	77.5	28.1	899	NS	NS
	1/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	3.1	63.8	NS	NS
	7/15/2014	52.4	0.54	ND(1.0)	1.9	54.84	2.7	7.3	NS	NS
	10/14/2014	3.5	ND(1.0)	ND(1.0)	ND(1.0)	3.5	4.1	ND(10)	NS	NS
1/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.77	ND(10)	NS	NS	
4/15/2015	ND(0.5)	ND(1.0)	ND(1.0)	0.25	0.25	ND(1.0)	ND(10)	NS	NS	
7/14/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.40	ND(10)	NS	NS	
10/12/2015	8.4	ND(1.0)	5.4	ND(1.0)	ND(1.0)	13.8	2.3	43.2	NS	NS
1/12/2016	211	5.7	191	104	511.7	50.2	288	NS	NS	
4/19/2016	0.57	ND(1.0)	ND(1.0)	ND(1.0)	0.57	0.78	ND(10)	NS	NS	
8/10/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND	1.6	ND(10)	NS	NS	
12/1/2016	112	3.2	113	56.2	284.4	7.3	ND(10)	NS	NS	
2/15/2017	748	a	9.8	116	57.9	931.7	149	269	NS	NS
5/16/2017	10	ND(1.0)	0.53	ND(1.0)	ND(1.0)	10.53	2.9	16.5	NS	NS

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
RW-19	9/27/2010	2.82	ND(0.201)	ND(0.21)	1.4	4.22	294	198	228	ND(36)
	12/6/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	66.7	ND(6.14)	59.0	111
	2/17/2011	0.61 J	ND(1.0)	ND(1.0)	0.50 J	1.11	538	31.4	690	ND(120)
	5/20/2011	3.0	ND(1.0)	ND(1.0)	1.1	4.1	620	83.9	426	ND(100)
	8/9/2011	3.0	ND(1.0)	ND(1.0)	0.67 J	3.67	703	85.6	827	ND(100)
	10/31/2011	2.4	ND(1.0)	ND(1.0)	0.26 J	2.66	702	90.7	851	ND(100)
	2/1/2012	2.6	ND(1.0)	ND(1.0)	0.53 J	3.13	760	86.4	NS	NS
	5/3/2012	0.83 J	ND(1.0)	ND(1.0)	ND(1.0)	0.83	622	40.6	693	ND(100)
	8/7/2012	0.89 J	ND(1.0)	ND(1.0)	ND(1.0)	0.89	710	60.5	NS	NS
	11/13/2012	0.79 J	ND(1.0)	ND(1.0)	ND(1.0)	0.79	871	66.4	NS	NS
	RW-19A	4/1/2013	1.6	ND(1.0)	ND(1.0)	ND(1.0)	1.6	758	131	NS
7/10/2013		0.31 J	ND(1.0)	ND(1.0)	ND(1.0)	0.31 J	469	21.8 J	NS	NS
10/21/2013		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	450	ND(25)	NS	NS
1/15/2014		ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	188	45.5	NS	NS
4/9/2014		ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	93.1	ND(25)	NS	NS
7/14/2014		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	27.4	ND(25)	NS	NS
10/14/2014		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	731	ND(10)	NS	NS
11/14/2014		0.77	ND(1.0)	ND(1.0)	ND(1.0)	0.77	532	98.4	NS	NS
12/5/2014		1.3 J	ND(5.0)	ND(5.0)	ND(5.0)	1.3	1,090	419	NS	NS
1/9/2015		0.29 J	ND(1.0)	ND(1.0)	ND(1.0)	0.29	181	13.0	NS	NS
2/5/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	20.5	ND(10)	NS	NS
3/6/2015		0.38 J	ND(1.0)	ND(1.0)	ND(1.0)	0.38	808	166	NS	NS
4/10/2015		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	2.9	ND(10)	NS	NS
5/5/2015		0.60	ND(1.0)	ND(1.0)	ND(1.0)	0.60	423	77.6	NS	NS
6/5/2015		0.56	ND(1.0)	ND(1.0)	ND(1.0)	0.56	356	78.1	NS	NS
7/6/2015		0.47 J	ND(1.0)	ND(1.0)	ND(1.0)	0.47	503	152	NS	NS
8/6/2015		NS	NS	NS	NS	NS	611	NS	NS	NS
9/3/2015		NS	NS	NS	NS	NS	902	NS	NS	NS
10/2/2015		0.70	ND(1.0)	ND(1.0)	ND(1.0)	0.70	901	355	NS	NS
11/4/2015		NS	NS	NS	NS	NS	515	NS	NS	NS
12/4/2015		NS	NS	NS	NS	NS	130	NS	NS	NS
1/7/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	107	ND(10)	NS	NS
2/4/2016		NS	NS	NS	NS	NS	36.2	NS	NS	NS
3/3/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	81.2	ND(10)	NS	NS
4/7/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	58.0	5.9 J	NS	NS
5/5/2016		0.16 J	ND(1.0)	ND(1.0)	ND(1.0)	0.16	296	33.3	NS	NS
6/9/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	131	14.1	NS	NS
7/5/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	50.1	3.3 J	NS	NS
8/10/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	61.2	ND(10)	NS	NS
9/8/2016		0.6	ND(1.0)	ND(1.0)	ND(1.0)	0.6	424 a	67.4	NS	NS
10/7/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	63.1	ND(10)	NS	NS
11/2/2016		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	406 a	160	NS	NS
12/1/2016		ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	546	304	NS	NS
1/4/2017		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	46.5	ND(10)	NS	NS
2/1/2017		ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	41.3	ND(10)	NS	NS
3/1/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	184 a	10.3	NS	NS	
4/5/2017	0.15 J	ND(1.0)	ND(1.0)	ND(1.0)	0.15	106	19.8	NS	NS	
6/7/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	208 a	44.8	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
RW-20	12/6/2010	ND(12.5)	ND(10.1)	ND(10.5)	ND(33.9)	ND(67)	5,430	1,740	3,400	406
	2/17/2011	14.3	ND(1.0)	ND(1.0)	1.4	15.7	3,210	538	3,510	170
	5/20/2011	5.5	ND(5.0)	ND(5.0)	ND(5.0)	5.5	1,630	187	1,100	ND(100)
	8/9/2011	5.3	ND(5.0)	ND(5.0)	ND(5.0)	5.3	1,840	212	1,820	ND(100)
	10/31/2011	4.7	J ND(5.0)	ND(5.0)	ND(5.0)	4.7	1,660	189	1,930	ND(100)
	2/1/2012	3.0	ND(2.0)	ND(2.0)	ND(2.0)	3.0	1,200	112	NS	NS
	5/3/2012	3.8	J ND(5.0)	ND(5.0)	ND(5.0)	3.8	1,440	133	1,780	ND(100)
	8/7/2012	10.5	ND(5.0)	ND(5.0)	ND(5.0)	10.5	1,970	332	NS	NS
	11/13/2012	1.8	ND(1.0)	ND(1.0)	ND(1.0)	1.8	902	167	NS	NS
	1/15/2013	8.3	J ND(10)	ND(10)	ND(10)	8.3	1,680	228	J NS	NS
	4/1/2013	6.5	ND(1.0)	ND(1.0)	ND(1.0)	6.5	1,660	204	NS	NS
	7/10/2013	1.1	ND(1.0)	ND(1.0)	ND(1.0)	1.1	1,420	515	NS	NS
	10/21/2013	14.3	ND(10)	ND(10)	ND(10)	14.3	2,410	371	NS	NS
	1/14/2014	2.6	J ND(5.0)	ND(5.0)	ND(5.0)	2.6	989	93.3	J NS	NS
	4/9/2014	ND(5.0)	ND(10)	ND(5.0)	ND(10)	ND(30)	1,310	164	J NS	NS
	7/14/2014	2.0	J ND(5.0)	ND(5.0)	ND(5.0)	2.0	2,110	297	NS	NS
	10/13/2014	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	1,010	ND(50)	NS	NS
	11/14/2014	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	822	530	NS	NS
	12/5/2014	1.1	J ND(5.0)	ND(5.0)	ND(5.0)	1.1	1,230	416	NS	NS
	1/9/2015	0.23	J ND(1.0)	ND(1.0)	ND(1.0)	0.23	189	9.4	J NS	NS
	2/5/2015	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	871	258	NS	NS
	3/6/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	704	102	NS	NS
	4/10/2015	0.87	ND(1.0)	ND(1.0)	ND(1.0)	0.87	1,290	401	NS	NS
	5/5/2015	2.1	J ND(5.0)	ND(5.0)	ND(5.0)	2.1	1,240	116	NS	NS
	6/5/2015	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	598	88.2	NS	NS
	7/6/2015	ND(2.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(14)	421	77.4	NS	NS
	8/6/2015	NS	NS	NS	NS	NS	1,160	NS	NS	NS
	9/3/2015	NS	NS	NS	NS	NS	1,180	NS	NS	NS
	10/2/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	270	24.8	NS	NS
	11/4/2015	NS	NS	NS	NS	NS	506	NS	NS	NS
	12/4/2015	NS	NS	NS	NS	NS	996	NS	NS	NS
	1/7/2016	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	623	ND(50)	NS	NS
	2/4/2016	NS	NS	NS	NS	NS	140	NS	NS	NS
	3/3/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	518	24.7	NS	NS
	4/7/2016	0.72	ND(1.0)	ND(1.0)	ND(1.0)	0.72	830	268	NS	NS
	5/5/2016	0.21	J ND(1.0)	ND(1.0)	ND(1.0)	0.21	470	17.9	NS	NS
	6/9/2016	0.54	ND(1.0)	ND(1.0)	ND(1.0)	0.54	989	449	NS	NS
	7/5/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	130	ND(10)	NS	NS
	8/10/2016	3.1	ND(1.0)	ND(1.0)	ND(1.0)	3.1	1,700	a 329	NS	NS
	9/8/2016	1.4	J ND(5.0)	ND(5.0)	ND(5.0)	1.4	1,120	a 154	NS	NS
10/7/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	127	11.7	NS	NS	
11/2/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	432	a 20.4	NS	NS	
12/1/2016	0.17	J ND(1.0)	ND(1.0)	ND(1.0)	0.17	446	a 19	NS	NS	
1/4/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	50.4	ND(10)	NS	NS	
2/1/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	260	a 28.9	NS	NS	
3/1/2017	0.45	J ND(1.0)	ND(1.0)	ND(1.0)	0.45	499	a 31.8	NS	NS	
4/5/2017	0.39	J ND(1.0)	ND(1.0)	ND(1.0)	0.39	358	a 42.9	NS	NS	
6/7/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	560	a 110	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
RW-21	12/6/2010	ND(4.99)	ND(4.03)	ND(4.2)	ND(13.53)	ND(26.75)	1,420	ND(123)	1,030	40.0
	2/17/2011	12.0	ND(1.0)	ND(1.0)	ND(1.0)	12.0	867	109	926	ND(110)
	5/20/2011	4.7	ND(1.0)	ND(1.0)	0.29 J	4.99	559	69.7	420	ND(100)
	8/9/2011	3.9	ND(1.0)	ND(1.0)	ND(1.0)	3.9	674	66	840	ND(100)
	10/31/2011	2.6	ND(1.0)	ND(1.0)	ND(1.0)	2.6	550	43.6	624	ND(100)
	2/1/2012	2.1	ND(1.0)	ND(1.0)	ND(1.0)	2.1	392	ND(25)	NS	NS
	5/3/2012	1.6	ND(1.0)	ND(1.0)	ND(1.0)	1.6	386	24.9 J	489	ND(100)
	8/7/2012	1.3	ND(1.0)	ND(1.0)	ND(1.0)	1.3	391	32.8	NS	NS
	11/13/2012	0.59 J	ND(1.0)	ND(1.0)	ND(1.0)	0.59	286	ND(25)	NS	NS
	1/15/2013	0.33 J	ND(1.0)	ND(1.0)	ND(1.0)	0.33	169	ND(25)	NS	NS
	4/1/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	75.3	ND(25)	NS	NS
	7/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	166	16.1 J	NS	NS
	10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	4.5	ND(25)	NS	NS
	1/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	71.5	ND(25)	NS	NS
	4/9/2014	0.73	ND(1.0)	ND(0.5)	ND(1.0)	0.73	142	21.6 J	NS	NS
	7/14/2014	4.8	ND(2.0)	ND(2.0)	ND(2.0)	4.8	1,550	527	NS	NS
	10/13/2014	ND(5.0)	ND(10)	ND(10)	ND(10)	ND(35)	1,160	ND(100)	NS	NS
	11/14/2014	0.56	ND(1.0)	ND(1.0)	ND(1.0)	0.56	228	22.8	NS	NS
	12/5/2014	0.42 J	ND(1.0)	ND(1.0)	ND(1.0)	0.42	178	17.4	NS	NS
	1/9/2015	0.32 J	ND(1.0)	ND(1.0)	ND(1.0)	0.32	158	13.3	NS	NS
	2/5/2015	0.33 J	ND(1.0)	ND(1.0)	ND(1.0)	0.33	130	24.4	NS	NS
	3/6/2015	0.40 J	ND(1.0)	ND(1.0)	ND(1.0)	0.40	187	21.1	NS	NS
	4/10/2015	0.35 J	ND(1.0)	ND(1.0)	ND(1.0)	0.35	166	35.2	NS	NS
	5/5/2015	0.43 J	ND(1.0)	ND(1.0)	ND(1.0)	0.43	225	22.7	NS	NS
	6/5/2015	0.39 J	ND(1.0)	ND(1.0)	ND(1.0)	0.39	262	31.5	NS	NS
	7/6/2015	0.46 J	ND(1.0)	ND(1.0)	ND(1.0)	0.46	227	23.9	NS	NS
	8/6/2015	NS	NS	NS	NS	NS	296	NS	NS	NS
	9/3/2015	NS	NS	NS	NS	NS	292	NS	NS	NS
	10/2/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	211	21.7	NS	NS
	11/4/2015	NS	NS	NS	NS	NS	159	NS	NS	NS
	12/4/2015	NS	NS	NS	NS	NS	140	NS	NS	NS
	1/7/2016	0.27 J	ND(1.0)	ND(1.0)	ND(1.0)	0.27	142	20.2	NS	NS
	2/4/2016	NS	NS	NS	NS	NS	109	NS	NS	NS
	3/3/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	98.0	ND(10)	NS	NS
	4/7/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	102	5.3 J	NS	NS
	5/5/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	138	ND(10)	NS	NS
	6/9/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	142	6.2 J	NS	NS
	7/5/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	116	ND(10)	NS	NS
	8/10/2016	0.75	ND(1.0)	ND(1.0)	ND(1.0)	0.75	223 a	40.1	NS	NS
	9/8/2016	0.32 J	ND(1.0)	ND(1.0)	ND(1.0)	0.32	216 a	26	NS	NS
10/7/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	139	5.5 J	NS	NS	
11/2/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	109	ND (10)	NS	NS	
12/1/2016	ND(0.5)	ND(1.0)	ND(1.0)	0.27 J	0.27	95.8	ND (10)	NS	NS	
1/4/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	55.1	ND (10)	NS	NS	
2/1/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	39.6	ND (10)	NS	NS	
3/1/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	50	3 J	NS	NS	
4/5/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	39.8	ND (10)	NS	NS	
6/7/2017	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	37.9	ND (10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)									
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO	
RW-22	9/27/2010	25.7	ND(0.201)	ND(0.21)	10.5	36.2	12,900	10,700	9,790	140	
	12/6/2010	19.5	ND(0.201)	ND(0.21)	3.2	22.7	9,810	3,930	9,710	136	
	2/17/2011	4.9 J	ND(10)	ND(10)	ND(10)	4.9	5,630	1,630	5,890	ND(110)	
	5/20/2011	4.3 J	ND(5.0)	ND(5.0)	1.1 J	5.4	5,920	1,700	3,270	129	
	8/9/2011	5.3 J	ND(10)	ND(10)	ND(10)	5.3	5,090	1,610	4,640	ND(100)	
	10/31/2011	9.6 J	ND(10)	ND(10)	2.1 J	11.7	2,990	1,040	2,860	ND(100)	
	2/1/2012	3.9 J	ND(10)	ND(10)	ND(10)	3.9	5,320	1,110	NS	NS	
	5/3/2012	2.9 J	ND(10)	ND(10)	ND(10)	2.9	3,620	1,240	4,730	ND(100)	
	8/7/2012	2.5 J	ND(10)	ND(10)	ND(10)	2.5	3,990	1,250	NS	NS	
	11/13/2012	ND(10)	ND(10)	ND(10)	ND(10)	ND(40)	3,550	1,440	NS	NS	
	1/15/2013	ND(25)	ND(25)	ND(25)	ND(25)	ND(100)	2,760	1,280	NS	NS	
	4/1/2013	ND(25)	ND(25)	ND(25)	ND(25)	ND(100)	2,670	1,220	NS	NS	
	7/10/2013	1.4	ND(1.0)	ND(1.0)	ND(1.0)	1.4	2,620	875	NS	NS	
	10/21/2013	4.7 J	ND(10)	ND(10)	ND(10)	4.7	4,570	2,050	NS	NS	
	1/14/2014	2.8 J	ND(5.0)	ND(5.0)	ND(5.0)	2.8	2,830	1,190	NS	NS	
	4/9/2014	ND(5.0)	ND(10)	ND(5.0)	ND(10)	ND(30)	1,240	244 J	NS	NS	
	7/14/2014	1.2	ND(2.0)	ND(2.0)	ND(2.0)	1.2	939	155	NS	NS	
	10/13/2014	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	497	ND(10)	NS	NS	
	11/14/2014	1.7	ND(1.0)	ND(1.0)	ND(1.0)	1.7	1,770	2400	NS	NS	
	12/5/2014	1.2 J	ND(5.0)	ND(5.0)	ND(5.0)	1.2	1,660	644	NS	NS	
	1/9/2015	ND(5.0)	ND(10)	ND(10)	ND(10)	ND(35)	2,250	747	NS	NS	
	2/5/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	359	ND(10)	NS	NS	
	3/6/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	378	16.9	NS	NS	
	4/10/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	484	13.6	NS	NS	
	5/5/2015	1.1	ND(1.0)	ND(1.0)	ND(1.0)	1.1	1,420	546	NS	NS	
	6/5/2015	1.1	ND(2.0)	ND(2.0)	ND(2.0)	1.1	1,590	665	NS	NS	
	7/6/2015	ND(1.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(7.0)	979	333	NS	NS	
	8/6/2015	NS	NS	NS	NS	NS	582	NS	NS	NS	
	9/3/2015	NS	NS	NS	NS	NS	714	NS	NS	NS	
	10/2/2015	3.1 J	ND(10)	ND(10)	ND(10)	3.1	2,310	1430	NS	NS	
	11/4/2015	NS	NS	NS	NS	NS	924	NS	NS	NS	
	12/4/2015	NS	NS	NS	NS	NS	523	NS	NS	NS	
	1/7/2016	ND(5.0)	ND(10)	ND(10)	ND(10)	ND(35)	1,240	487	NS	NS	
	2/4/2016	NS	NS	NS	NS	NS	1,620	NS	NS	NS	
	3/3/2016	0.66	ND(1.0)	ND(1.0)	ND(1.0)	0.66	1,210	511	NS	NS	
	4/7/2016	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	1,320	373	NS	NS	
	5/5/2016	0.82 J	ND(5.0)	ND(5.0)	ND(5.0)	0.82	1,320	522	NS	NS	
	6/9/2016	2	ND(1.0)	ND(1.0)	ND(1.0)	2	2,040	1110	NS	NS	
	7/5/2016	Well off - not sampled									
	8/10/2016	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	1,200 a	615	NS	NS	
9/8/2016	Well off - not sampled										
10/7/2016	1.1 J	ND(5.0)	ND(5.0)	ND(5.0)	1.1	1050 a	611	NS	NS		
11/2/2016	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	1210 a	523	NS	NS		
12/1/2016	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	542	185	NS	NS		
2/1/2017	ND(2.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(14.0)	476	142	NS	NS		
4/5/2017	0.6	ND(1.0)	ND(1.0)	ND(1.0)	0.6	846 a	404	NS	NS		
6/7/2017	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	763	216	NS	NS		

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
RW-23	12/6/2010	12.7	ND(4.03)	ND(4.2)	ND(13.53)	12.7	1,520	1,710	1,540	384
	2/17/2011	22.9	ND(5.0)	ND(5.0)	5.2	28.1	2,010	684	2,130	328
	5/20/2011	15.2	ND(10)	ND(10)	3.4	18.6	2,300	676	1,760	149
	8/9/2011	17.4	ND(5.0)	ND(5.0)	1.0	18.4	1,460	567	1,700	146
	10/31/2011	14.7	ND(5.0)	ND(5.0)	4.0	18.7	2,220	734	2,550	ND(100)
	2/1/2012	13.7	ND(5.0)	ND(5.0)	3.4	17.1	2,390	362	NS	NS
	5/3/2012	8.4	ND(5.0)	ND(5.0)	2.6	11	2,130	697	2,650	ND(100)
	8/7/2012	4.3	ND(5.0)	ND(5.0)	1.4	5.7	2,510	623	NS	NS
	11/13/2012	9.1	ND(5.0)	ND(5.0)	2.5	11.6	1,900	666	NS	NS
	1/15/2013	ND(10)	ND(10)	ND(10)	ND(10)	ND(40)	1,070	ND(250)	NS	NS
	4/1/2013	6.0	ND(1.0)	ND(1.0)	ND(1.0)	6.0	1,290	420	NS	NS
	7/10/2013	1.1	ND(1.0)	ND(1.0)	0.30	1.4	1,260	228	NS	NS
	10/21/2013	ND(10)	ND(10)	ND(10)	ND(10)	ND(40)	1,470	ND(250)	NS	NS
	1/14/2014	4.3	ND(2.5)	ND(2.5)	ND(2.5)	4.3	1,680	413	NS	NS
	4/9/2014	ND(5.0)	ND(10)	ND(10)	ND(10)	ND(30)	1,530	393	NS	NS
	7/14/2014	0.41	ND(1.0)	ND(1.0)	ND(1.0)	0.41	752	148	NS	NS
	10/13/2014	2.4	ND(5.0)	ND(5.0)	ND(5.0)	2.4	2,370	421	NS	NS
	11/14/2014	2.5	ND(5.0)	ND(5.0)	ND(5.0)	2.5	1,350	923	NS	NS
	12/5/2014	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	1,450	466	NS	NS
	1/9/2015	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	509	30	NS	NS
	2/5/2015	ND(5.0)	ND(10)	ND(10)	ND(10)	ND(35)	1,420	493	NS	NS
	3/6/2015	1.8	ND(1.0)	ND(1.0)	ND(1.0)	1.8	1,490	362	NS	NS
	4/10/2015	3.9	ND(5.0)	ND(5.0)	ND(5.0)	3.9	1,330	431	NS	NS
	5/5/2015	ND(5.0)	ND(10)	ND(10)	ND(10)	ND(35)	1,300	390	NS	NS
	6/5/2015	1.5	ND(2.0)	ND(2.0)	ND(2.0)	1.5	1,330	254	NS	NS
	7/6/2015	1.1	ND(2.0)	ND(2.0)	ND(2.0)	1.1	1,170	329	NS	NS
	8/6/2015	NS	NS	NS	NS	NS	1,300	NS	NS	NS
	9/3/2015	NS	NS	NS	NS	NS	1,440	NS	NS	NS
	10/2/2015	2.6	ND(4.0)	ND(4.0)	ND(4.0)	2.6	964	407	NS	NS
	11/4/2015	NS	NS	NS	NS	NS	1,290	NS	NS	NS
	12/4/2015	NS	NS	NS	NS	NS	1,200	NS	NS	NS
	1/7/2016	ND(5.0)	ND(10)	ND(10)	ND(10)	ND(35)	1,010	274	NS	NS
	2/4/2016	NS	NS	NS	NS	NS	278	NS	NS	NS
	3/3/2016	0.51	ND(1.0)	ND(1.0)	ND(1.0)	0.51	856	56.6	NS	NS
	4/7/2016	1.4	ND(5.0)	ND(5.0)	ND(5.0)	1.4	1,110	404	NS	NS
	5/5/2016	0.58	ND(4.0)	ND(4.0)	ND(4.0)	0.58	964	144	NS	NS
	6/9/2016	0.25	ND(1.0)	ND(1.0)	ND(1.0)	0.25	889	28.8	NS	NS
	7/5/2016									
	8/10/2016	2.5	ND(1.0)	ND(1.0)	ND(1.0)	2.5	798	220	NS	NS
	9/8/2016									
	10/7/2016	1.8	ND(5.0)	ND(5.0)	ND(5.0)	1.8	697	280	NS	NS
	11/2/2016	3.3	ND(1.0)	ND(1.0)	ND(1.0)	3.3	865	428	NS	NS
	12/1/2016	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	698	125	NS	NS
2/1/2017	2.1	ND(5.0)	ND(5.0)	ND(5.0)	2.1	512	212	NS	NS	
4/5/2017	2.2	ND(1.0)	ND(1.0)	ND(1.0)	2.2	606	286	NS	NS	
6/7/2017	ND(2.5)	ND(5.0)	ND(5.0)	ND(5.0)	ND(17.5)	598	ND(50)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)											
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO			
RW-27	5/2/2012	0.91	J	ND(1.0)	ND(1.0)	ND(1.0)	0.91	989	60	1,210	ND(100)		
	8/7/2012	3.1	J	ND(5.0)	ND(5.0)	ND(5.0)	3.1	957	87.3	J	NS	NS	
	11/13/2012	1.7	J	ND(2.5)	ND(2.5)	ND(2.5)	1.7	692	66.0		NS	NS	
	1/15/2013	ND(5.0)		ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	514	ND(130)		NS	NS	
	4/1/2013	0.83	J	ND(1.0)	ND(1.0)	ND(1.0)	0.83	462	36.2		NS	NS	
	7/10/2013	0.73	J	ND(1.0)	ND(1.0)	ND(1.0)	0.73	542	38.1		NS	NS	
	10/21/2013	ND(5.0)		ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	754	ND(130)		NS	NS	
	1/14/2014	ND(1.0)		ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	4.9	ND(25)		NS	NS	
	4/9/2014	ND(0.5)		ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	13.1	ND(25)		NS	NS	
	7/14/2014	5.5		ND(5.0)	ND(5.0)	ND(5.0)	5.5	1,640	533		NS	NS	
	10/13/2014	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	602	25.0		NS	NS	
	11/14/2014	0.29	J	ND(1.0)	ND(1.0)	ND(1.0)	0.29	513	25.9		NS	NS	
	12/5/2014	0.39	J	ND(1.0)	ND(1.0)	ND(1.0)	0.39	477	39.3		NS	NS	
	1/9/2015	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	446	13.9		NS	NS	
	2/5/2015	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	365	16.1		NS	NS	
	3/6/2015	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	337	20.7		NS	NS	
	4/10/2015	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	395	14.7		NS	NS	
	5/5/2015	0.31	J	ND(1.0)	ND(1.0)	ND(1.0)	0.31	494	34		NS	NS	
	6/5/2015	ND(1.3)		ND(2.5)	ND(2.5)	ND(2.5)	ND(8.8)	441	35.1		NS	NS	
	7/6/2015	ND(1.3)		ND(2.5)	ND(2.5)	ND(2.5)	ND(8.8)	369	27.3		NS	NS	
	8/6/2015	NS		NS	NS	NS	NS	342	NS		NS	NS	
	9/3/2015	NS		NS	NS	NS	NS	479	NS		NS	NS	
	10/2/2015	ND(1.0)		ND(2.0)	ND(2.0)	ND(2.0)	ND(7.0)	419	29.5		NS	NS	
	11/4/2015	NS		NS	NS	NS	NS	435	NS		NS	NS	
	12/4/2015	NS		NS	NS	NS	NS	517	NS		NS	NS	
	1/7/2016	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	333	20.8		NS	NS	
	2/4/2016	NS		NS	NS	NS	NS	195	NS		NS	NS	
	3/3/2016	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	241	5.9	J	NS	NS	
	4/7/2016	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	231	9.6	J	NS	NS	
	5/5/2016	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	226	9.6	J	NS	NS	
	6/9/2016	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	279	6.8	J	NS	NS	
	7/5/2016	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	282	5.9	J	NS	NS	
	8/10/2016	0.22	J	ND(1.0)	ND(1.0)	ND(1.0)	0.22	457	a	60.6		NS	NS
	9/8/2016	0.22	J	ND(1.0)	ND(1.0)	ND(1.0)	0.22	692	a	90.7		NS	NS
	10/7/2016	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	283	a	ND(10)		NS	NS
11/2/2016	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	280	a	ND(10)		NS	NS	
12/1/2016	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	244	a	ND(10)		NS	NS	
1/4/2017	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	176		ND(10)		NS	NS	
2/1/2017	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	144	4.4	J		NS	NS	
3/1/2017	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	154	4.6	J		NS	NS	
4/5/2017	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	101	6.5	J		NS	NS	
6/7/2017	ND(0.5)		ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	104		ND(10)		NS	NS	
TF-01	1/6/2004	30.2		60.3	0.34	27.9	118.74	20,800	1,710		30,500	369	
	4/5/2004	ND		ND	ND	ND	ND	45,200	ND		ND	ND	
	10/5/2004	ND		ND	ND	ND	ND	54,800	14,200		67,100	ND	
	1/3/2005	ND		45.1	ND	ND	45.1	54,900	17,800		43,500	319	
	4/13/2005	265		370	5.7	227	867.7	33,600	5,670		49,000	264	
	8/17/2005	56.5		24.8	ND	282	363.3	93,500	1,980		139,000	233	
	11/17/2005	1.1		ND	ND	3.1	4.2	1,580	796		2,730	577	
	3/30/2006	ND		ND	ND	ND	ND	287	26		229	NS	
	6/29/2006	ND		ND	ND	ND	ND	ND	ND		ND	295	
	1/18/2007	ND(1.0)		ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.36	ND(20)		ND(100)	292	
	3/11/2010	ND(0.211)		ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.33	ND(15)		115	37.0	
	5/17/2010	0.46	I	ND(0.247)	ND(0.196)	ND(0.696)	0.46	0.56	I	ND(15)	ND(25)	39.0	I
	5/4/2012	81.9		43.1	0.27	J	11.8	137.07	5.5		ND(25)	218	328
	4/4/2013	9.7		20.5	0.29	J	19.9	50.39	2.0		54.3	NS	NS
	4/8/2014	90.3		88.4	0.55		19.8	199.05	0.94	J	49.2	NS	NS
4/19/2016	0.25	J	ND(1.0)	ND(1.0)	ND(1.0)	0.25	0.42	J		ND(10)	NS	NS	

Table 2
Groundwater Sampling Data
Former Shell Service Station #137675
15541 New Hampshire Avenue
Silver Spring, MD

Well ID	Date	Analytical Results (µg/L)								
		Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	MTBE	TBA	TPH-GRO	TPH-DRO
TF-02	4/5/2004	ND	ND	ND	ND	ND	62,900	ND	ND	ND
	10/5/2004	ND	ND	ND	ND	ND	148,000	29,400	194,000	401
	1/3/2005	37.8	87.4	ND	40.9	166.1	87,800	9,460	67,600	2010
	4/13/2005	481	671	ND	372	1,524	85,900	4,420	144,000	536
	8/17/2005	127	ND	ND	251	378	129,000	3,590	226,000	296
	11/17/2005	ND	ND	ND	ND	ND	5,130	5,510	5,360	1910
	3/30/2006	ND	ND	ND	ND	ND	226	114	234	NS
	6/29/2006	ND	ND	ND	ND	ND	59.7	107	ND	861
	1/18/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	49.8	56.6	ND(100)	1310
	12/7/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	1.76	I 120	42.0	I 1260
	3/11/2010	22.1	23.0	2.24	27.4	74.74	6.64	ND(15)	180	76.0
	5/17/2010	0.28	I ND(0.247)	ND(0.196)	0.33	0.61	0.90	I ND(15)	ND(25)	48.0
	5/4/2012	4.8	3.3	ND(1.0)	5.5	13.6	9.4	198	ND(200)	499
	11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
	4/8/2014	142	194	7.4	94.3	437.7	2.0	56.1	NS	NS
	4/15/2015	7.5	3.6	0.41	J 4.6	16.11	1.7	40.2	NS	NS
	4/19/2016	ND(0.5)	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.5)	0.77	J 20.3	NS	NS

Notes:

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes

MTBE - Methyl tert-Butyl Ether

TBA - Tertiary Butyl Alcohol

TPH-GRO - Total Petroleum Hydrocarbons Gasoline Range Organics

TPH-DRO - Total Petroleum Hydrocarbons Diesel Range Organics

µg/l - micrograms per litre

ND - Not Detected

ND(100) - Not Detected (Reporting Limit)

NS - Not Sampled

I - Results between Reporting Limit and Method Detection Limit

J - Estimated Value

Attachment A

Site Property Card

Real Property Data Search

Search Result for MONTGOMERY COUNTY

View Map		View GroundRent Redemption		View GroundRent Registration	
Account Identifier:		District - 05 Account Number - 00257865			
Owner Information					
Owner Name:		DRAPER PROPERTIES INC		Use:	COMMERCIAL
Mailing Address:		2359 RESEARCH COURT WOODBIDGE VA 22192-		Principal Residence:	NO
				Deed Reference:	
Location & Structure Information					
Premises Address:		15541 NEW HAMPSHIRE AVE SILVER SPRING 20905-0000		Legal Description:	PLAT 6988 MONTGOMERY VIEW
Map:	Grid:	Parcel:	Sub District:	Subdivision:	Section:
JS62	0000	0000		0001	
					Block:
					A
					Lot:
					8
					Assessment Year:
					2017
					Plat No:
					Plat Ref:
Special Tax Areas:			Town:		
			NONE		
			Ad Valorem:		
			Tax Class:		
			42		
Primary Structure Built		Above Grade Enclosed Area		Finished Basement Area	
1964		1827			
				Property Land Area	
				33,586 SF	
				County Use	
				553	
Stories	Basement	Type	Exterior	Full/Half Bath	Garage
		SERVICE STATION			
Value Information					
		Base Value	Value	Phase-in Assessments	
			As of	As of	As of
			01/01/2017	07/01/2016	07/01/2017
Land:		604,500	604,500		
Improvements		664,700	716,300		
Total:		1,269,200	1,320,800	1,269,200	1,286,400
Preferential Land:		0			0
Transfer Information					
Seller:		Date:		Price:	
Type:		Deed1:		Deed2:	
Seller:		Date:		Price:	
Type:		Deed1:		Deed2:	
Seller:		Date:		Price:	
Type:		Deed1:		Deed2:	
Exemption Information					
Partial Exempt Assessments:	Class			07/01/2016	07/01/2017
County:	000			0.00	
State:	000			0.00	
Municipal:	000			0.00 0.00	0.00 0.00
Tax Exempt:		Special Tax Recapture:			
Exempt Class:		NONE			
Homestead Application Information					
Homestead Application Status: No Application					

Attachment B

GSI Mann-Kendall Statistical Analysis

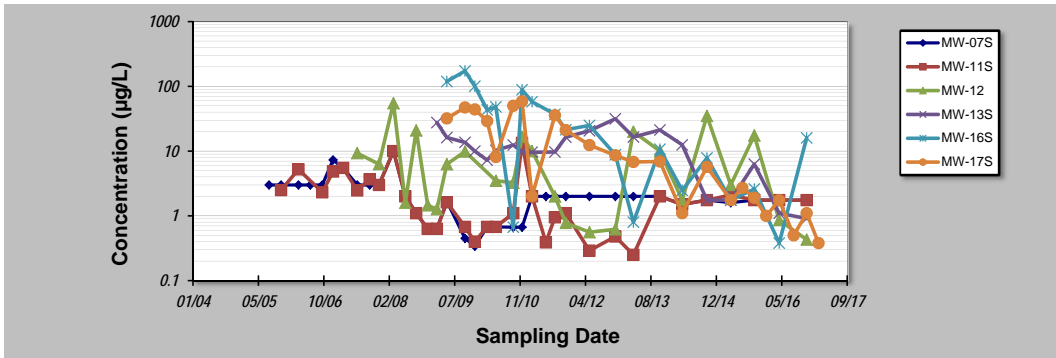
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: Total BTEX (shallow wells)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	MW-07S	MW-11S	MW-12	MW-13S	MW-16S	MW-17S
--------------------	---------------	---------------	--------------	---------------	---------------	---------------

Sampling Event	Sampling Date	TOTAL BTEX (SHALLOW WELLS) CONCENTRATION (µg/L)					
		MW-07S	MW-11S	MW-12	MW-13S	MW-16S	MW-17S
1	17-Aug-05	3	ND				
2	17-Nov-05	3	2.5				
3	30-Mar-06	3	5.23				
4	29-Jun-06	3	ND				
5	28-Sep-06	3	2.31				
6	19-Dec-06	7.31	4.84				
7	6-Mar-07	5.5	5.5				
8	22-Jun-07	3	2.47	9.31			
9	25-Sep-07	3	3.67	ND(6.0)			
10	5-Dec-07	3	3	6.3			
11	25-Mar-08	10	10	55			
12	24-Jun-08	2	2	1.6			
13	15-Sep-08	1.1	1.1	20.9			
14	12-Dec-08	0.63055	0.63055	1.4555			
15	20-Feb-09	0.63055	0.63055	1.27	27.61		
16	7-May-09	1.68	1.62	6.28	16.21	118.67	31.98
17	23-Sep-09	0.45	0.675	9.86	13.65	173.26	47.2
18	7-Dec-09	0.34	0.4	ND(67.5)	10	100.5	44
19	11-Mar-10	0.675	0.675	ND(33.73)	7.25	43.4	29.1
20	17-May-10	0.675	0.675	3.49	10.26	48.24	8.11
21	27-Sep-10	0.668	1.1	3.25	12.41	0.668	50.029
22	3-Dec-10	0.668	13.375	16.705	9.76	88.6	58.72
23	17-Feb-11	2	2	10	9.6	57.9	2
24	3-Jun-11	2	0.39				
25	11-Aug-11	2	0.95	2	9.7	37.1	35.8
26	2-Nov-11	2	1.1	0.78	16.4	21.4	21.1
27	1-May-12	2	0.29	0.56	20.6	24.9	12.4
28	15-Nov-12	2	0.48	0.62	31.54	8.8	8.6
29	2-Apr-13	2	0.25	20	16.5	0.8	6.8
30	22-Oct-13	2	2	10	21.2	10.7	6.9
31	10-Apr-14	1.5	1.5	1.75	12.5	2.48	1.1
32	16-Oct-14	1.75	1.75	35	1.75	7.83	5.7
33	16-Apr-15	1.6	2.1	3	1.75	1.75	1.75
34	14-Jul-15						2.7
35	13-Oct-15	1.75	1.75	17.5	6.3	2.6	1.9
36	12-Jan-16						1
37	20-Apr-16	1.75	1.75	0.86	1.1	0.38	1.75
38	9-Aug-16						0.5
39	16-Nov-16	1.75	1.75	0.43	0.91	16	1.1
40	15-Feb-17						0.38

Coefficient of Variation:	0.83	1.16	1.34	0.68	1.25	1.18
Mann-Kendall Statistic (S):	-187	-149	-51	-67	-116	-198
Confidence Factor:	99.5%	98.6%	87.7%	97.7%	>99.9%	>99.9%
Concentration Trend:	Decreasing	Decreasing	No Trend	Decreasing	Decreasing	Decreasing



Notes:

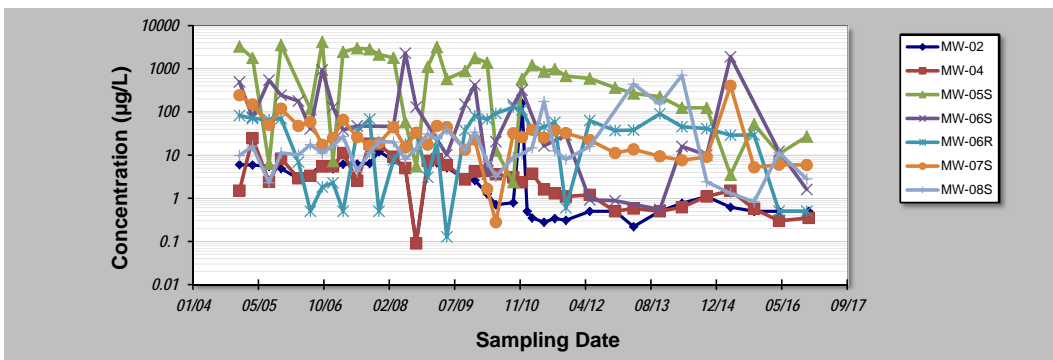
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: MTBE (shallow wells, pt 1)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:		MW-02	MW-04	MW-05S	MW-06S	MW-06R	MW-07S	MW-08S	
Sampling Event	Sampling Date	MTBE (SHALLOW WELLS, PT 1) CONCENTRATION (µg/L)							
1	3-Jan-05	6	1.5	3280	495	82.8	244	9.8	
2	13-Apr-05	5.9	24.7	1790	74.9	70.7	149	16	
3	17-Aug-05	5.5	2.4	6.3	545	65.7	50	2.3	
4	17-Nov-05	4.9	8.3	3550	244	70.4	119	11.3	
5	30-Mar-06	2.84	2.91	ND	179	6.95	47.4	10.1	
6	29-Jun-06	3.54	3.32	116	40.7	0.5	58.5	17.4	
7	28-Sep-06	6.1	5.45	4190	936	1.82	17.3	11.1	
8	19-Dec-06	4.86	5.49	7.25	128	2.29	24.8	16.4	
9	6-Mar-07	6.2	11.2	2470	38	0.5	65.5	27.2	
10	22-Jun-07	6.24	2.57	2990	47.4	36.6	26.1	4.22	
11	25-Sep-07	6.41	18.4	2840		68.5	16.7	11.6	
12	5-Dec-07	12.1	17.7	2140		0.5	19.1	20.7	
13	25-Mar-08	7.6	9.2	1800	46	7.7	44	20	
14	24-Jun-08	4.9	5	58	2300	18	15	8	
15	15-Sep-08	0.09	0.09	5.5		32	33	14	
16	12-Dec-08	6.398	7.378	1110		3.067	17.4	30.85	
17	20-Feb-09	6.729	8.12	3184		20.37	47.23	23.85	
18	7-May-09	5.15	5.9	580.3	10.17	0.1281	44.24	39.33	
19	23-Sep-09	2.79	2.73	885	150	37.4	13.3	13.1	
20	7-Dec-09	2.61	4.16	1770	423	81.4	22.9	34	
21	11-Mar-10	1.27	4.33	1380	3.6	67.6	1.65	7.05	
22	17-May-10	0.71	3.59	12.8	20.5	92.4	0.28	3.21	
23	27-Sep-10	0.79	3.04	2.38	146	129	32	8.81	
24	2-Dec-10	159	2.34	575	320	112	26	10.7	
25	11-Jan-11	0.5							
26	18-Feb-11	0.35	3.7	1210		37.2	38.7	14.7	
27	20-May-11	0.28	1.6	861	16.4	45.2	25.4	175	
28	10-Aug-11	0.34	1.3	982		57.6	37	12.6	
29	3-Nov-11	0.31	1.1	679	29.1	0.6	32.3	8	
30	3-May-12	0.5	1.2	594	0.92	63.1	22.2	15.8	
31	13-Nov-12	0.5	0.5	365	0.88	37.1	11.2		
32	3-Apr-13	0.22	0.58	268		38	13.6	442	
33	21-Oct-13	0.5	0.5	226	0.55	90.6	9.4	154	
34	8-Apr-14	0.77	0.62	125	15.9	45.4	7.6	704	
35	14-Oct-14	1.1	1.1	124	10	41.2	9.1	2.4	
36	14-Apr-15	0.62	1.5	3.5	1900	29	404	1.3	
37	12-Oct-15	0.5	0.57	51.9		29.3	5.2	0.83	
38	19-Apr-16	0.5	0.3	10.7	12.2	0.5	6	11.3	
39	17-Nov-16			26.9	1.6	0.5	5.9	2.8	
40	1-Dec-16	0.5	0.35						
Coefficient of Variation:		3.55	1.19	1.12	1.97	0.87	1.62	2.60	
Mann-Kendall Statistic (S):		-323	-372	-284	-179	9	-327	-2	
Confidence Factor:		>99.9%	>99.9%	>99.9%	99.9%	54.0%	>99.9%	50.5%	
Concentration Trend:		Decreasing	Decreasing	Decreasing	Decreasing	No Trend	Decreasing	No Trend	



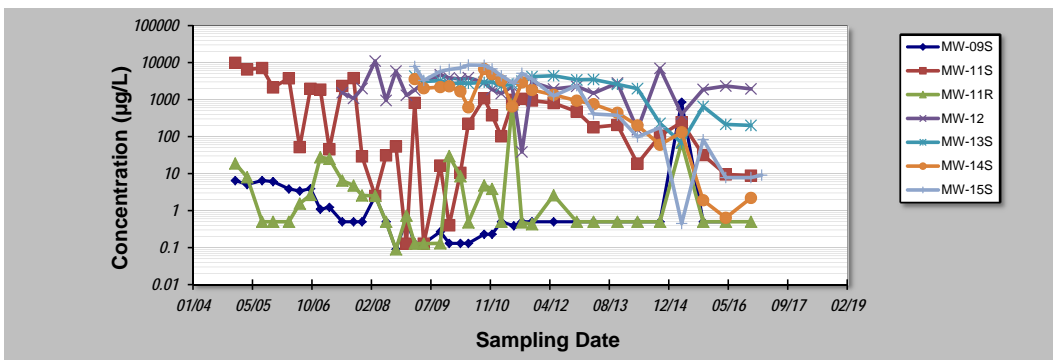
- Notes:**
- At least four independent sampling events per well are required for calculating the trend. Methodology is valid for 4 to 40 samples.
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.
GSI Environmental Inc., www.gsi-net.com

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: MTBE (shallow wells, pt 2)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	MW-09S	MW-11S	MW-11R	MW-12	MW-13S	MW-14S	MW-15S
Sampling Event	Sampling Date						
	MTBE (SHALLOW WELLS, PT 2) CONCENTRATION (µg/L)						
1	3-Jan-05	6.5	9860	18.8			
2	13-Apr-05	5.1	6520	8			
3	17-Aug-05	6.5	7120	0.5			
4	17-Nov-05	6.1	2130	0.5			
5	30-Mar-06	3.85	3760	0.5			
6	29-Jun-06	3.39	51.9	1.55			
7	28-Sep-06	3.93	1960	2.66			
8	19-Dec-06	1.09	1860	27.7			
9	6-Mar-07	1.23	45.4	25.1			
10	22-Jun-07	0.5	2340	6.5	1540		
11	25-Sep-07	0.5	3810	4.76	1080		
12	5-Dec-07	0.5	29.2	2.57	1990		
13	25-Mar-08	2.5	2.5	2.5	11000		
14	24-Jun-08	0.5	31	0.5	950		
15	15-Sep-08	0.09	54	0.09	5900		
16	12-Dec-08	0.5719	0.1281	0.7315	1310		
17	20-Feb-09	0.1281	814.9	0.1281	1811	4297	3583
18	7-May-09	0.1281	0.1281	0.1281	2931	3081	2026
19	23-Sep-09	0.27	16.5	0.1305	4710	3260	2180
20	7-Dec-09	0.1305	0.4	29.9	3850	2720	2280
21	11-Mar-10	0.1305	10.5	8.52	3610	2790	1670
22	17-May-10	0.1305	223	0.48	3920	2760	618
23	27-Sep-10	0.23	1090	4.8	2870	2930	6710
24	2-Dec-10	0.23	376	3.87	1880	3020	4840
25	18-Feb-11	0.5	102	0.5	1460	2310	3300
26	20-May-11		804	751	2280	2640	651
27	3-Jun-11	0.39	987				2750
28	10-Aug-11	0.5	1050	0.48	38.6	3150	2920
29	3-Nov-11	0.5	943	0.43	2960	4180	1820
30	3-May-12	0.5	804	2.6	1930	4420	1350
31	13-Nov-12	0.5	475	0.5	2280	3430	935
32	3-Apr-13	0.5	178	0.5	1490	3500	751
33	21-Oct-13	0.5	206	0.5	2810	2580	440
34	8-Apr-14	0.5	18.7	0.5	154	1980	200
35	14-Oct-14	0.5	106	0.5	6970	228	60.1
36	14-Apr-15	852	245	68.7	400	67.5	131
37	12-Oct-15	0.5	31.7	0.5	1880	654	1.9
38	19-Apr-16	0.5	9.5	0.5	2330	214	0.64
39	17-Nov-16		8.8	0.5	1950	201	2.2
40	15-Feb-17						9.1
Coefficient of Variation:	5.74	1.78	4.72	0.83	0.55	1.06	0.97
Mann-Kendall Statistic (S):	-169	-229	-103	-32	-97	-153	-186
Confidence Factor:	98.7%	99.7%	89.9%	71.8%	99.7%	>99.9%	>99.9%
Concentration Trend:	Decreasing	Decreasing	No Trend	Stable	Decreasing	Decreasing	Decreasing



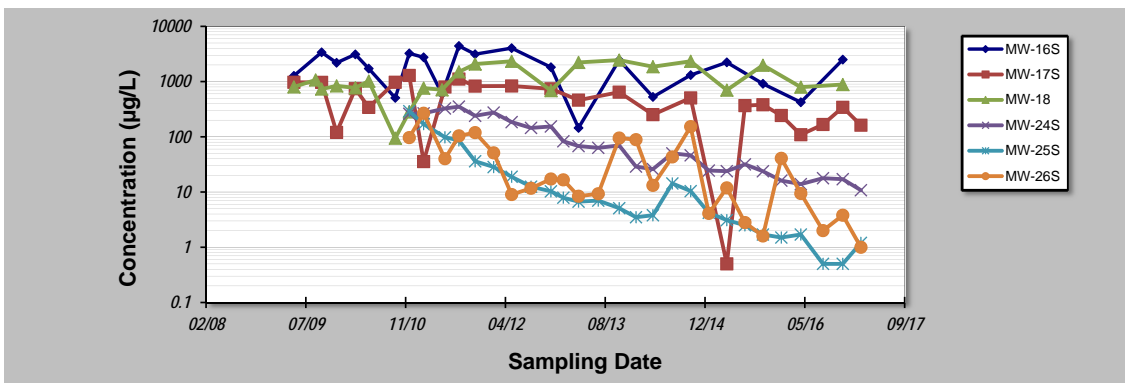
- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.
GSI Environmental Inc., www.gsi-net.com

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: MTBE (shallow wells, pt 3)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	MW-16S	MW-17S	MW-18	MW-24S	MW-25S	MW-26S
Sampling Event	Sampling Date					
	MTBE (SHALLOW WELLS, PT 3) CONCENTRATION (µg/L)					
1	7-May-09	1269	971.3	800.8		
2	24-Aug-09			1070		
3	23-Sep-09	3390	967	733		
4	7-Dec-09	2190	120	836		
5	11-Mar-10	3110	742	769		
6	17-May-10	1720	341	1020		
7	27-Sep-10	507	971	94.4		
8	6-Dec-10	3240	1290	282	261	291
9	16-Feb-11	2750	35.6	762	266	170
10	19-May-11	597		711		
11	3-Jun-11		798		326	98.1
12	12-Aug-11	4410	1110	1500	352	86.1
13	1-Nov-11	3130	827	2080	240	36.1
14	2-Feb-12				275	28.4
15	2-May-12	4030	832	2330	185	18.9
16	7-Aug-12				145	12.5
17	15-Nov-12	1820	740	685	154	10.3
18	16-Jan-13				83	7.9
19	2-Apr-13	145	461	2220	68	6.7
20	10-Jul-13				63.2	7
21	23-Oct-13	2450	643	2450	69.7	5.1
22	15-Jan-14				28.9	3.5
23	10-Apr-14	527	252	1860	26	3.8
24	16-Jul-14				50.2	14.3
25	16-Oct-14	1310	506	2330	46.2	10.4
26	15-Jan-15				24.5	4.2
27	15-Apr-15	2230	0.5	700	23.9	3.1
28	15-Jul-15		367		31.7	2.5
29	13-Oct-15	912	381	1980	23.8	1.7
30	13-Jan-16		243		16.1	1.5
31	20-Apr-16	422	109	793	13.9	1.7
32	9-Aug-16		167		17.8	0.5
33	16-Nov-16	2500	342	884	17.1	0.5
34	15-Feb-17		162		10.8	1.2
35						
Coefficient of Variation:	0.62	0.69	0.59	1.02	2.06	1.33
Mann-Kendall Statistic (S):	-38	-132	50	-277	-279	-157
Confidence Factor:	86.6%	99.9%	91.6%	>99.9%	>99.9%	>99.9%
Concentration Trend:	Stable	Decreasing	Prob. Increasing	Decreasing	Decreasing	Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.
GSI Environmental Inc., www.gsi-net.com

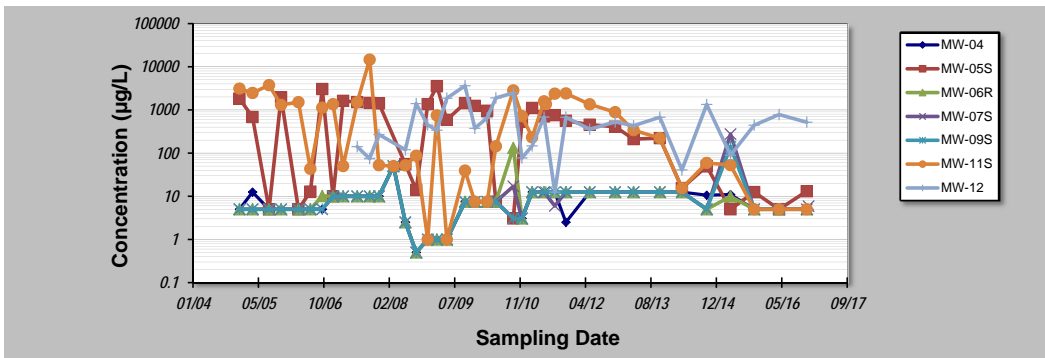
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: TBA (shallow wells, pt 1)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	MW-04	MW-05S	MW-06R	MW-07S	MW-09S	MW-11S	MW-12
--------------------	--------------	---------------	---------------	---------------	---------------	---------------	--------------

Sampling Event	Sampling Date	TBA (SHALLOW WELLS, PT 1) CONCENTRATION (µg/L)						
1	3-Jan-05	5	1830	5	5	5	3120	
2	13-Apr-05	12.5	685	5	5	5	2470	
3	17-Aug-05	5	5	5	5	5	3750	
4	17-Nov-05	5	1960	5	5	5	1310	
5	30-Mar-06	5	5	5	5	5	1510	
6	29-Jun-06	5	12.8	5	5	5	43.3	
7	28-Sep-06	5	3050	10.2	5	5	1130	
8	19-Dec-06	10	10	10	10	10	1360	
9	6-Mar-07	10	1620	10	10	10	50.1	
10	22-Jun-07	10	1520	10	10	10	1510	141
11	25-Sep-07	10	1450	10	10	10	14600	74.2
12	5-Dec-07	10	1420	10	10	10	52.4	269
13	25-Mar-08	50		50	50	50	50	
14	24-Jun-08	2.5	55	2.5	2.5	2.5	52	120
15	15-Sep-08	0.5	14	0.5	0.5	0.5	87	1400
16	12-Dec-08	1	1360	1	1	1	1	447
17	20-Feb-09	1	3550	1	1	1	746	339
18	7-May-09	1	590	1	1	1	1	1870
19	23-Sep-09	7.5	1440	7.5	7.5	7.5	39.4	3630
20	7-Dec-09	7.5	1240	7.5	7.5	7.5	7.5	375
21	11-Mar-10	7.5	957	7.5	7.5	7.5	7.5	657
22	17-May-10	7.5	7.5	7.5	7.5	7.5	144	1900
23	27-Sep-10	3.07	3.07	132	17	3.07	2830	2470
24	2-Dec-10	3.07	534	3.07	3.07	3.07	717	77
25	18-Feb-11	12.5	1110	12.5	12.5	12.5	232	147
26	20-May-11	12.5	706	12.5	12.5		1580	686
27	3-Jun-11					12.5	1360	
28	10-Aug-11	12.5	757	12.5	6	12.5	2380	12.5
29	3-Nov-11	2.5	562	12.5	12.5	12.5	2410	677
30	3-May-12	12.5	455	12.5	12.5	12.5	1350	358
31	13-Nov-12	12.5	409	12.5	12.5	12.5	888	527
32	3-Apr-13	12.5	211	12.5	12.5	12.5	340	431
33	21-Oct-13	12.5	222	12.5	12.5	12.5	223	678
34	8-Apr-14	12.5	15.5	12.5	12.5	12.5	15.4	40.7
35	14-Oct-14	10.6	49.3	5	5	5	59.1	1340
36	14-Apr-15	11	5	9.9	276	140	52.7	89.8
37	12-Oct-15	5	12.5	5	5	5	5	444
38	19-Apr-16	5	5	5	5	5	5	781
39	17-Nov-16		13.1	5	5	5	5	520
40	1-Dec-16	5			5.9			

Coefficient of Variation:	0.94	1.17	1.80	2.84	1.92	2.04	1.15
Mann-Kendall Statistic (S):	102	-232	119	149	175	-190	30
Confidence Factor:	89.7%	99.9%	93.1%	96.3%	98.9%	99.0%	71.5%
Concentration Trend:	No Trend	Decreasing	Prob. Increasing	Increasing	Increasing	Decreasing	No Trend



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. Methodology is valid for 4 to 40 samples.
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

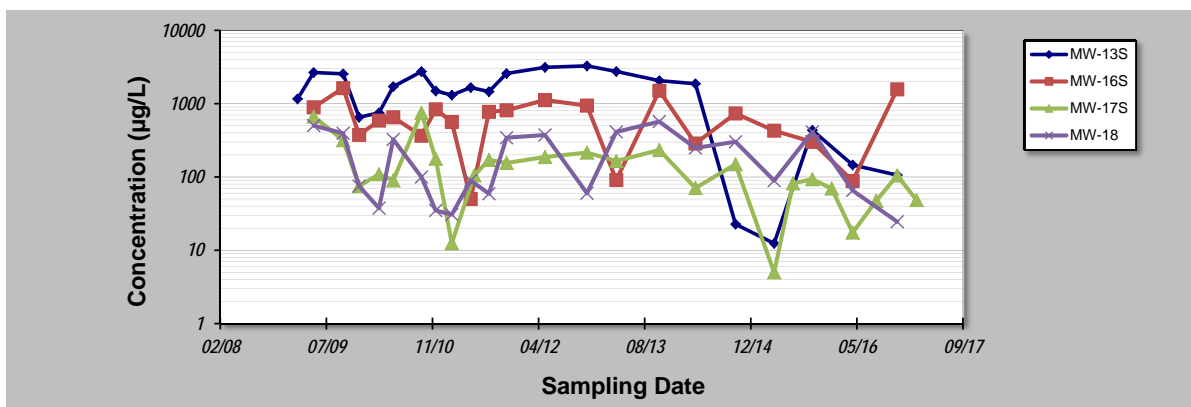
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.
GSI Environmental Inc., www.gsi-net.com

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: TBA (shallow wells, pt 2)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	MW-13S	MW-16S	MW-17S	MW-18		
--------------------	---------------	---------------	---------------	--------------	--	--

Sampling Event	Sampling Date	TBA (SHALLOW WELLS, PT 2) CONCENTRATION (µg/L)					
		MW-13S	MW-16S	MW-17S	MW-18		
1	20-Feb-09	1160					
2	7-May-09	2660	892	667	502		
3	23-Sep-09	2550	1630	317	394		
4	7-Dec-09	652	375	75	75		
5	11-Mar-10	750	587	109	37.5		
6	17-May-10	1710	652	89.6	325		
7	27-Sep-10	2740	365	748	99.8		
8	3-Dec-10	1490	837	177	34.9		
9	17-Feb-11	1310	563	12.5	30.7		
10	17-May-11	1660	50		89.4		
11	3-Jun-11			105			
12	11-Aug-11	1460	773	171	59.1		
13	2-Nov-11	2580	811	155	343		
14	1-May-12	3130	1120	187	374		
15	15-Nov-12	3280	941	215	60		
16	2-Apr-13	2750	91	165	412		
17	22-Oct-13	2060	1500	233	569		
18	10-Apr-14	1870	286	70.7	248		
19	16-Oct-14	22.7	735	149	302		
20	16-Apr-15	12.4	428	5	89.2		
21	14-Jul-15			82			
22	13-Oct-15	434	301	93	411		
23	12-Jan-16			69.5			
24	20-Apr-16	146	88	17.4	65.4		
25	9-Aug-16			47.2			
26	16-Nov-16	106	1570	105	24.5		
27	15-Feb-17			48.4			
28							
29							
30							
Coefficient of Variation:	0.68	0.67	1.09	0.83			
Mann-Kendall Statistic (S):	-41	-20	-109	-8			
Confidence Factor:	86.9%	71.5%	99.5%	58.3%			
Concentration Trend:	Stable	Stable	Decreasing	Stable			



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

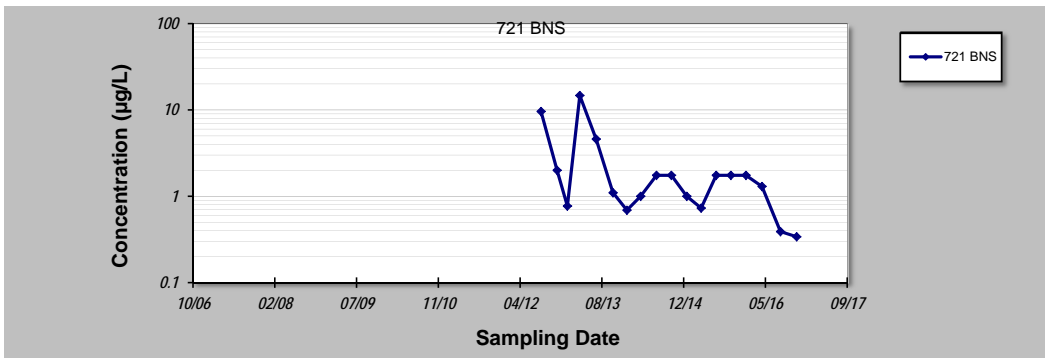
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: Total BTEX (BNS wells)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID: **721 BNS**

Sampling Event	Sampling Date	TOTAL BTEX (BNS WELLS) CONCENTRATION (µg/L)				
1	8-Jun-07					
2	13-Sep-07					
3	3-Dec-07					
4	27-Mar-08					
5	24-Jun-08					
6	22-Sep-08					
7	12-Dec-08					
8	20-Feb-09					
9	4-Jun-09					
10	10-Sep-09					
11	2-Dec-09					
12	15-Mar-10					
13	11-Jun-10					
14	27-Aug-10					
15	16-Nov-10					
16	18-Feb-11					
17	19-May-11					
18	9-Aug-11					
19	2-Nov-11					
20	2-Feb-12					
21	2-May-12					
22	7-Aug-12	9.6				
23	13-Nov-12	2				
24	15-Jan-13	0.77				
25	1-Apr-13	14.7				
26	10-Jul-13	4.6				
27	21-Oct-13	1.1				
28	14-Jan-14	0.69				
29	8-Apr-14	1				
30	14-Jul-14	1.75				
31	13-Oct-14	1.75				
32	15-Jan-15	1				
33	13-Apr-15	0.73				
34	14-Jul-15	1.75				
35	12-Oct-15	1.75				
36	12-Jan-16	1.75				
37	19-Apr-16	1.3				
38	10-Aug-16	0.39				
39	17-Nov-16	0.34				
40	15-Feb-17					

Coefficient of Variation:	1.42
Mann-Kendall Statistic (S):	-56
Confidence Factor:	98.2%
Concentration Trend:	Decreasing



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

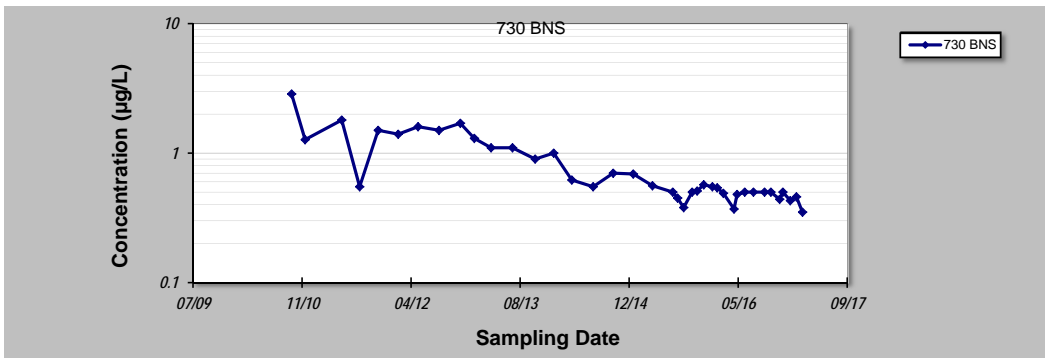
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: MTBE (BNS wells)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID: **730 BNS**

Sampling Event	Sampling Date	MTBE (BNS WELLS) CONCENTRATION (µg/L)
1	1-Oct-10	2.86
2	2-Dec-10	1.27
3	19-May-11	1.8
4	9-Aug-11	0.55
5	2-Nov-11	1.5
6	2-Feb-12	1.4
7	3-May-12	1.6
8	7-Aug-12	1.5
9	13-Nov-12	1.7
10	16-Jan-13	1.3
11	3-Apr-13	1.1
12	10-Jul-13	1.1
13	22-Oct-13	0.9
14	15-Jan-14	1
15	8-Apr-14	0.62
16	15-Jul-14	0.55
17	15-Oct-14	0.7
18	15-Jan-15	0.69
19	13-Apr-15	0.56
20	15-Jul-15	0.5
21	6-Aug-15	0.45
22	3-Sep-15	0.38
23	12-Oct-15	0.5
24	4-Nov-15	0.51
25	4-Dec-15	0.57
26	13-Jan-16	0.55
27	4-Feb-16	0.54
28	3-Mar-16	0.49
29	21-Apr-16	0.37
30	5-May-16	0.48
31	9-Jun-16	0.5
32	19-Jul-16	0.5
33	8-Sep-16	0.5
34	7-Oct-16	0.5
35	16-Nov-16	0.44
36	1-Dec-16	0.5
37	4-Jan-17	0.43
38	1-Feb-17	0.46
39	1-Mar-17	0.35
40		

Coefficient of Variation:	0.65
Mann-Kendall Statistic (S):	-519
Confidence Factor:	>99.9%
Concentration Trend:	Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

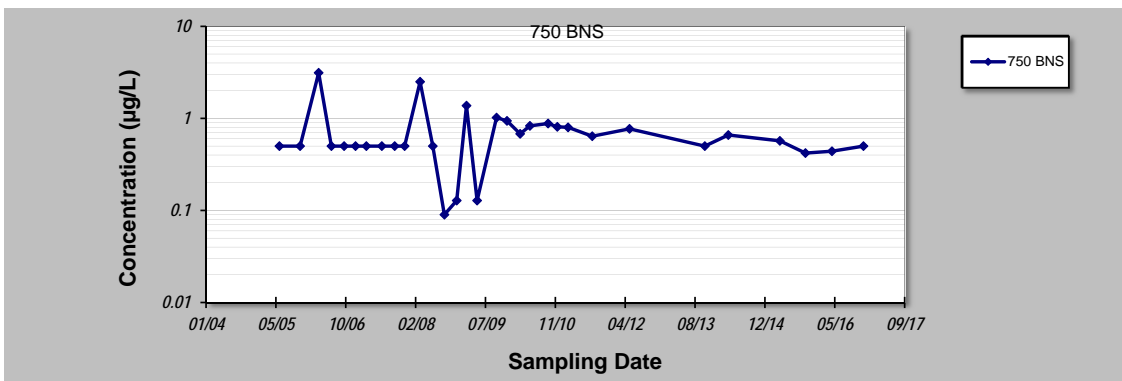
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.
GSI Environmental Inc., www.gsi-net.com

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: MTBE (BNS wells)
Conducted By: ACW	Concentration Units: µg/L
Sampling Point ID: 750 BNS	

Sampling Event	Sampling Date	MTBE (BNS WELLS) CONCENTRATION (µg/L)						
1	22-Jun-05	0.5						
2	17-Nov-05	0.5						
3	30-Mar-06	3.13						
4	29-Jun-06	0.5						
5	28-Sep-06	0.5						
6	19-Dec-06	0.5						
7	6-Mar-07	0.5						
8	25-Jun-07	0.5						
9	25-Sep-07	0.5						
10	5-Dec-07	0.5						
11	25-Mar-08	2.5						
12	24-Jun-08	0.5						
13	15-Sep-08	0.09						
14	12-Dec-08	0.1281						
15	20-Feb-09	1.375						
16	7-May-09	0.1281						
17	23-Sep-09	1.02						
18	7-Dec-09	0.94						
19	11-Mar-10	0.68						
20	20-May-10	0.83						
21	27-Sep-10	0.88						
22	2-Dec-10	0.81						
23	17-Feb-11	0.8						
24	9-Aug-11	0.64						
25	3-Nov-11							
26	2-May-12	0.77						
27	23-Oct-13	0.5						
28	9-Apr-14	0.66						
29	13-Apr-15	0.57						
30	13-Oct-15	0.42						
31	20-Apr-16	0.44						
32	1-Dec-16	0.5						
33								
34								
35								

Coefficient of Variation:	0.84
Mann-Kendall Statistic (S):	-12
Confidence Factor:	57.4%
Concentration Trend:	Stable



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.
GSI Environmental Inc., www.gsi-net.com

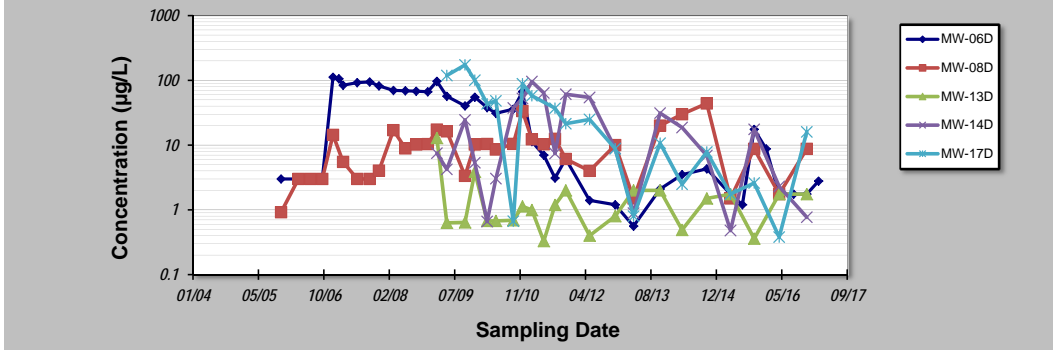
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: Total BTEX (deep wells)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	MW-06D	MW-08D	MW-13D	MW-14D	MW-17D	
--------------------	---------------	---------------	---------------	---------------	---------------	--

Sampling Event	Sampling Date	TOTAL BTEX (DEEP WELLS) CONCENTRATION (µg/L)				
		MW-06D	MW-08D	MW-13D	MW-14D	MW-17D
1	17-Nov-05	3	0.92			
2	30-Mar-06	3	3			
3	29-Jun-06	3	3			
4	28-Sep-06	3	3			
5	19-Dec-06	111.8	14.39			
6	2-Feb-07	105.9				
7	6-Mar-07	84	5.5			
8	22-Jun-07	92.2	3			
9	25-Sep-07	94.5	3			
10	5-Dec-07	82.1	4.03			
11	25-Mar-08	70	17			
12	24-Jun-08	69	8.9			
13	15-Sep-08	68	10.2			
14	12-Dec-08	66.62	10.3636			
15	20-Feb-09	96.78	17.345	12.86	7.51	
16	7-May-09	56.77	16.31	0.63055	4.22	118.67
17	23-Sep-09	40.33	3.35	0.64	24.49	173.26
18	7-Dec-09	55	10.2	3.87	5.35	100.5
19	11-Mar-10	38	10.4	0.675	0.66	43.4
20	17-May-10	31	8.55	0.675	3.04	48.24
21	27-Sep-10	35.89	10.433	0.69	37.45	0.668
22	6-Dec-10	66.8	33.5	1.13	52.51	88.6
23	16-Feb-11	11.4	12.3	0.995	95.8	57.9
24	18-May-11	7	10.3	0.33	63.9	
25	12-Aug-11	3.1	12.5	1.19	7.42	37.1
26	2-Nov-11	6.14	6.1	2	61	21.4
27	2-May-12	1.4	4	0.4	54.4	24.9
28	14-Nov-12	1.2	10	0.8	8.9	8.8
29	3-Apr-13	0.56	1.5	2	0.89	0.8
30	23-Oct-13	2.1	20	2	31.2	10.7
31	9-Apr-14	3.5	30	0.49	18.7	2.48
32	15-Oct-14	4.3	44	1.5	6.9	7.83
33	14-Apr-15	1.75	1.5	1.75	0.48	1.75
34	14-Jul-15	1.2				
35	12-Oct-15	17.5	8.75	0.36	17.5	2.6
36	12-Jan-16	8.75				
37	20-Apr-16	1.75	1.75	1.75	2.3	0.38
38	9-Aug-16	1.75				
39	17-Nov-16	1.75	8.75	1.75	0.77	16
40	15-Feb-17	2.78				

Coefficient of Variation:	1.10	0.90	1.49	1.16	1.25
Mann-Kendall Statistic (S):	-393	114	24	-33	-116
Confidence Factor:	>99.9%	94.6%	73.9%	81.4%	>99.9%
Concentration Trend:	Decreasing	Prob. Increasing	No Trend	No Trend	Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.
GSI Environmental Inc., www.gsi-net.com

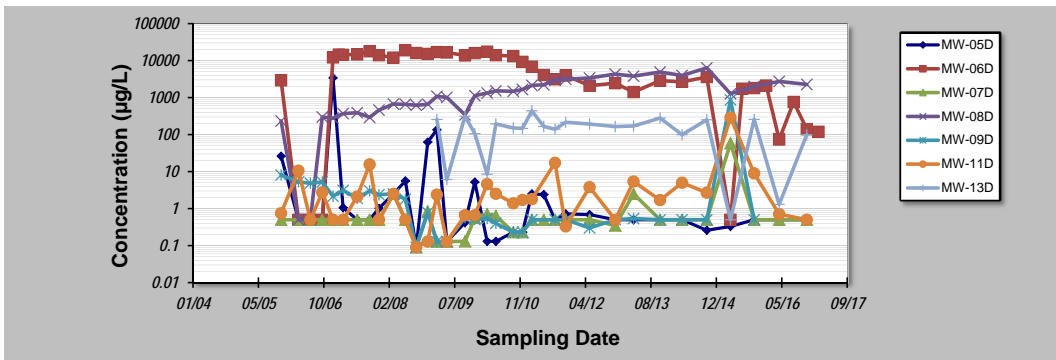
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: MTBE (deep wells, pt 1)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	MW-05D	MW-06D	MW-07D	MW-08D	MW-09D	MW-11D	MW-13D
--------------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------

Sampling Event	Sampling Date	MTBE (DEEP WELLS, PT 1) CONCENTRATION (µg/L)						
		MW-05D	MW-06D	MW-07D	MW-08D	MW-09D	MW-11D	MW-13D
1	17-Nov-05	26.2	2930	0.5	233	8.1	0.75	
2	30-Mar-06	0.5	0.5	0.5	0.5	5.28	10.6	
3	29-Jun-06	0.5	0.5	0.5	0.5	4.85	0.5	
4	28-Sep-06	0.5	0.5	0.5	299	5.23	2.75	
5	19-Dec-06	3420	12200	0.5	278	2.15	0.5	
6	2-Feb-07		14500					
7	6-Mar-07	1.06	14300	0.5	369	3.12	0.5	
8	22-Jun-07	0.5	14700	0.5	391	1.89	2.11	
9	25-Sep-07	0.5	17900	0.5	292	3.02	15.6	
10	5-Dec-07	1.02	14000	0.5	460	2.38	0.5	
11	25-Mar-08	2.5	12000	2.5	670	2.5	2.5	
12	24-Jun-08	5.6	19000	0.5	660	1.8	0.5	
13	15-Sep-08	0.09	16000	0.09	620	0.09	0.09	
14	12-Dec-08	62.89	15130	0.8438	659.1	0.7778	0.1281	
15	20-Feb-09	135.4	17010	0.1281	1083	0.1281	2.39	256.6
16	7-May-09	0.1281	16530	0.1281	1013	0.1281	0.1281	6.14
17	23-Sep-09	0.42	13800	0.1305	343	0.57	0.66	314
18	7-Dec-09	5.22	15900	0.56	1130	0.51	0.66	106
19	11-Mar-10	0.1305	17400	0.71	1330	0.54	4.59	8.57
20	17-May-10	0.1305	14000	0.64	1520	0.4	2.52	194
21	27-Sep-10	0.23	13200	0.23	1480	0.23	1.39	151
22	6-Dec-10	0.23	9240	0.23	1660	0.23	1.72	147
23	16-Feb-11	2.5	6810	0.5	2130	0.5	1.8	438
24	18-May-11	2.4	4060	0.5	2220			166
25	12-Aug-11	0.5	3120	0.5	2950	0.5	17.3	140
26	2-Nov-11	0.72	3950	0.5	3110	0.5	0.33	216
27	2-May-12	0.69	2100	0.5	3400	0.3	3.8	193
28	14-Nov-12	0.5	2450	0.35	4320	0.5	0.5	165
29	3-Apr-13	0.5	1410	2.5	3810	0.54	5.4	171
30	23-Oct-13	0.5	2870	0.5	4900	0.5	1.7	280
31	9-Apr-14	0.5	2670	0.5	3950	0.5	5	99.4
32	15-Oct-14	0.26	3590	0.5	6360	0.5	2.7	252
33	14-Apr-15	0.33	0.5	59	1270	868	289	0.5
34	14-Jul-15		1740					
35	12-Oct-15	0.5	1810	0.5	2000	0.5	9	258
36	12-Jan-16		2110					
37	20-Apr-16	0.5	73.6	0.5	2740		0.71	1.3
38	9-Aug-16		761					
39	17-Nov-16	0.5	140	0.5	2270		0.5	98.9
40	15-Feb-17		119					

Coefficient of Variation:	5.50	0.88	4.41	0.92	5.35	4.30	0.66
Mann-Kendall Statistic (S):	-104	-311	42	462	-203	94	-17
Confidence Factor:	92.8%	>99.9%	71.9%	>99.9%	>99.9%	91.6%	67.2%
Concentration Trend:	Prob. Decreasing	Decreasing	No Trend	Increasing	Decreasing	Prob. Increasing	Stable



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

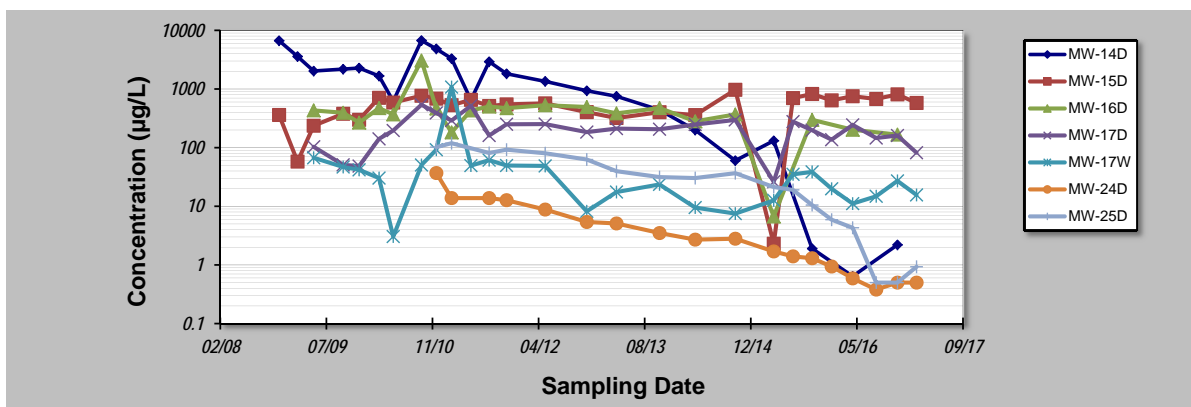
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: MTBE (deep wells, pt 2)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	MW-14D	MW-15D	MW-16D	MW-17D	MW-17W	MW-24D	MW-25D
--------------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------

Sampling Event	Sampling Date	MTBE (DEEP WELLS, PT 2) CONCENTRATION (µg/L)						
		MW-14D	MW-15D	MW-16D	MW-17D	MW-17W	MW-24D	MW-25D
1	25-Nov-08	6667	360.6					
2	20-Feb-09	3583	57.87					
3	7-May-09	2026	236.6	431.6	103.4	67.23		
4	23-Sep-09	2180	378	393	50.9	46.8		
5	7-Dec-09	2280	298	267	48.5	41.9		
6	11-Mar-10	1670	708	472	141	30.3		
7	17-May-10	618	588	369	196	3.05		
8	27-Sep-10	6710	768	3060	540	50.6		
9	6-Dec-10	4840	685	465	390	92.1	36.9	102
10	16-Feb-11	3300	529	182	290	1080	13.8	119
11	18-May-11	651	654	431	519	49.4		
12	12-Aug-11	2920	513	503	161	61.2	13.8	81.1
13	2-Nov-11	1820	547	471	250	49.6	12.7	92.4
14	2-May-12	1350	569	529	252	48.8	8.8	80.2
15	14-Nov-12	935	404	494	184	8.2	5.4	62.8
16	3-Apr-13	751	320	384	211	17.5	5.1	39.7
17	23-Oct-13	440	402	474	206	23.6	3.5	31.5
18	9-Apr-14	200	359	281	248	9.5	2.7	30.3
19	15-Oct-14	60.1	970	369	297	7.5	2.8	36.7
20	14-Apr-15	131	2.3	6.7	26.2	12.6	1.7	21.3
21	14-Jul-15		700		278	35.1	1.4	19
22	12-Oct-15	1.9	822	298	198	38.6	1.3	10.5
23	12-Jan-16		640		137	19.9	0.94	5.9
24	20-Apr-16	0.64	753	202	244	11.1	0.59	4.3
25	9-Aug-16		676		146	14.8	0.38	0.5
26	17-Nov-16	2.2	810	167	161	27.1	0.5	0.5
27	15-Feb-17		578		82	15.6	0.5	0.93
28								
29								
30								
Coefficient of Variation:	1.07	0.44	1.24	0.60	2.83	1.43	0.94	
Mann-Kendall Statistic (S):	-173	95	-57	-19	-102	-145	-140	
Confidence Factor:	>99.9%	97.5%	95.4%	66.2%	99.1%	>99.9%	>99.9%	
Concentration Trend:	Decreasing	Increasing	Decreasing	Stable	Decreasing	Decreasing	Decreasing	



Notes:

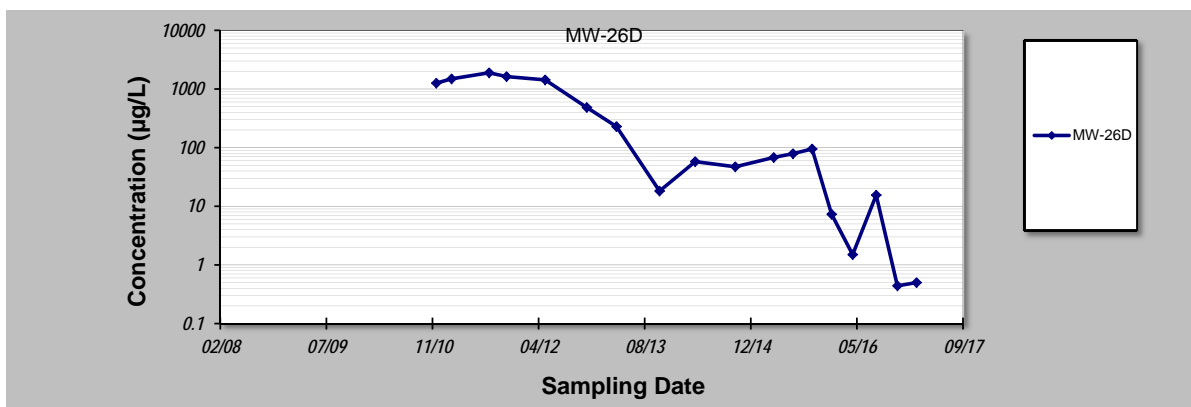
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: MTBE (deep wells, pt 3)
Conducted By: ACW	Concentration Units: µg/L
Sampling Point ID: MW-26D	

Sampling Event	Sampling Date	MTBE (DEEP WELLS, PT 3) CONCENTRATION (µg/L)							
1	25-Nov-08								
2	20-Feb-09								
3	7-May-09								
4	23-Sep-09								
5	7-Dec-09								
6	11-Mar-10								
7	17-May-10								
8	27-Sep-10								
9	6-Dec-10	1260							
10	16-Feb-11	1490							
11	18-May-11								
12	12-Aug-11	1890							
13	2-Nov-11	1630							
14	2-May-12	1430							
15	14-Nov-12	485							
16	3-Apr-13	229							
17	23-Oct-13	18.2							
18	9-Apr-14	57.8							
19	15-Oct-14	47.2							
20	14-Apr-15	68							
21	14-Jul-15	78.9							
22	12-Oct-15	95							
23	12-Jan-16	7.3							
24	20-Apr-16	1.5							
25	9-Aug-16	15.5							
26	17-Nov-16	0.44							
27	15-Feb-17	0.5							
28									
29									
30									
Coefficient of Variation:		1.41							
Mann-Kendall Statistic (S):		-107							
Confidence Factor:		>99.9%							
Concentration Trend:		Decreasing							



Notes:

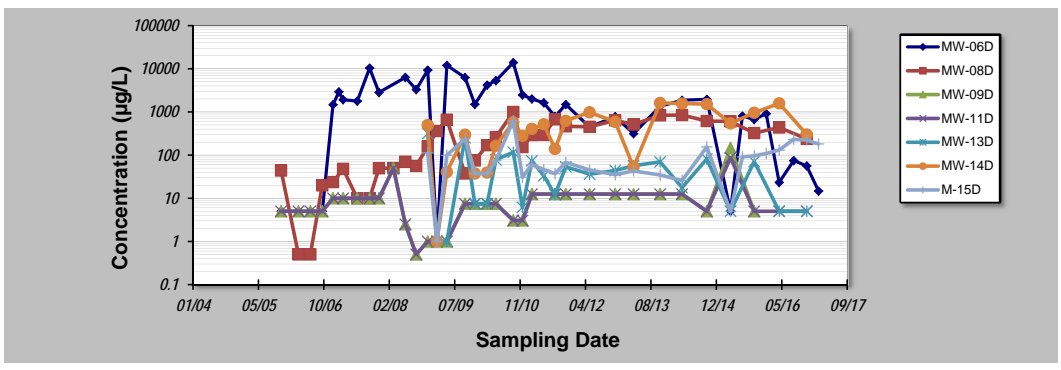
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: TBA (deep wells, pt 1)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:		MW-06D	MW-08D	MW-09D	MW-11D	MW-13D	MW-14D	M-15D
Sampling Event	Sampling Date	TBA (DEEP WELLS, PT 1) CONCENTRATION (µg/L)						
1	17-Nov-05	5	43.9	5	5			
2	30-Mar-06	5	0.5	5	5			
3	29-Jun-06	5	0.5	5	5			
4	28-Sep-06	5	19.9	5	5			
5	19-Dec-06	1470	23.7	10	10			
6	2-Feb-07	2920						
7	6-Mar-07	1920	47.9	10	10			
8	22-Jun-07	1780	10	10	10			
9	25-Sep-07	10400	10	10	10			
10	5-Dec-07	2830	49.6	10	10			
11	25-Mar-08	NS	50	50	50			
12	24-Jun-08	6300	70	2.5	2.5			
13	15-Sep-08	3300	56	0.5	0.5			
14	12-Dec-08	9310	158	1	1	318	496	112
15	20-Feb-09	1	361	1	1	1	1	1
16	7-May-09	12000	659	1	1	1	40.6	99.2
17	23-Sep-09	6260	37.5	7.5	7.5	252	297	238
18	7-Dec-09	1500	75	7.5	7.5	7.5	37.5	37.5
19	11-Mar-10	4190	170	7.5	7.5	7.5	39.4	37.5
20	17-May-10	5300	261	7.5	7.5	77.8	165	75
21	27-Sep-10	13900	996	3.07	3.07	117	578	625
22	6-Dec-10	2480	153.5	3.07	3.07	6.15	280	30.7
23	16-Feb-11	2000	291	12.5	12.5	73.7	406	60.7
24	18-May-11	1630	292			33.3	517	46
25	12-Aug-11	779	674	12.5	12.5	12	139	37.1
26	2-Nov-11	1490	464	12.5	12.5	53.7	620	67.8
27	2-May-12	447	451	12.5	12.5	36.2	980	45.2
28	14-Nov-12	776	640	12.5	12.5	44	588	35.3
29	3-Apr-13	314	512	12.5	12.5	66.8	52.9	43.1
30	23-Oct-13	1350	834	12.5	12.5	69.7	1610	34.6
31	9-Apr-14	1870	848	12.5	12.5	17.7	1570	25.8
32	15-Oct-14	1960	615	5	5	81.4	1510	154
33	14-Apr-15	5	603	147	87	5	544	5
34	14-Jul-15	803						90.6
35	12-Oct-15	670	324	5	5	71.1	956	96.1
36	12-Jan-16	910						109
37	20-Apr-16	23.3	436		5	5	1580	131
38	9-Aug-16	74.7						232
39	17-Nov-16	56	238		5	5	300	223
40	15-Feb-17	14.7						181
Coefficient of Variation:		1.34	0.96	1.98	1.46	1.35	0.93	1.16
Mann-Kendall Statistic (S):		-153	371	131	107	-16	123	54
Confidence Factor:		96.7%	>99.9%	98.3%	94.2%	65.3%	>99.9%	86.4%
Concentration Trend:		Decreasing	Increasing	Increasing	Prob. Increasing	No Trend	Increasing	No Trend



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. Methodology is valid for 4 to 40 samples.
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

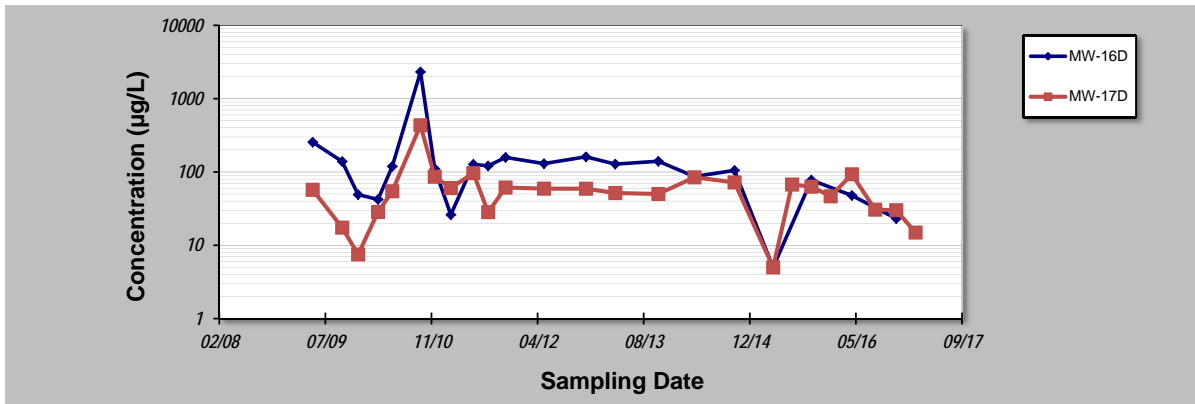
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.
GSI Environmental Inc., www.gsi-net.com

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: TBA (deep wells, pt 2)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	MW-16D	MW-17D				
--------------------	---------------	---------------	--	--	--	--

Sampling Event	Sampling Date	TBA (DEEP WELLS, PT 2) CONCENTRATION (µg/L)					
1	7-May-09	255	57.1				
2	23-Sep-09	139	17.4				
3	7-Dec-09	49.1	7.5				
4	11-Mar-10	42.2	28.4				
5	17-May-10	119	54.6				
6	27-Sep-10	2320	433				
7	3-Dec-10	111	86.2				
8	17-Feb-11	26.1	60.4				
9	3-Jun-11	127	96.6				
10	12-Aug-11	121	28.3				
11	2-Nov-11	158	61.3				
12	1-May-12	130	59.2				
13	15-Nov-12	161	59.1				
14	2-Apr-13	128	51.6				
15	22-Oct-13	140	50.1				
16	10-Apr-14	86.6	84.5				
17	16-Oct-14	105	72				
18	16-Apr-15	5	5				
19	14-Jul-15		67.4				
20	13-Oct-15	77.5	63.1				
21	12-Jan-16		46.5				
22	21-Apr-16	47.8	93				
23	9-Aug-16		30.6				
24	16-Nov-16	23.1	30.1				
25	15-Feb-17		14.9				
26							
27							
28							
29							
30							
Coefficient of Variation:		2.34	1.22				
Mann-Kendall Statistic (S):		-58	-16				
Confidence Factor:		95.7%	63.6%				
Concentration Trend:		Decreasing	No Trend				



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

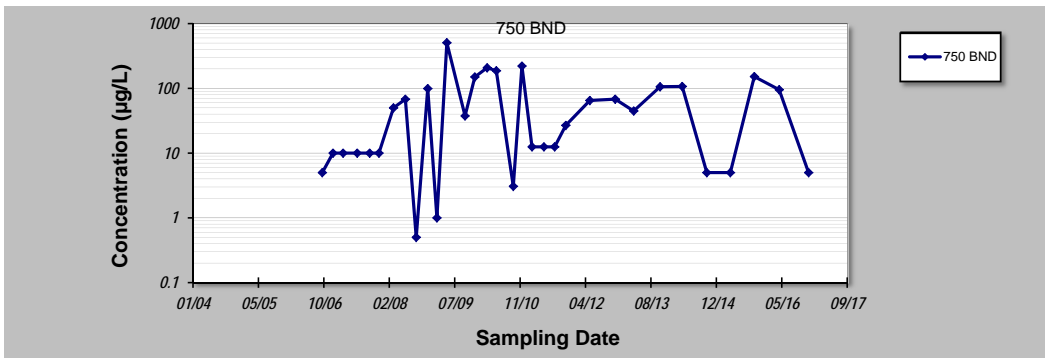
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: TBA (BNS wells)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID: **750 BND**

Sampling Event	Sampling Date	TBA (BNS WELLS) CONCENTRATION (µg/L)
1	22-Jun-05	ND
2	17-Nov-05	ND
3	30-Mar-06	ND
4	29-Jun-06	ND
5	28-Sep-06	5
6	19-Dec-06	10
7	6-Mar-07	10
8	22-Jun-07	10
9	25-Sep-07	10
10	5-Dec-07	10
11	25-Mar-08	50
12	24-Jun-08	68
13	15-Sep-08	0.5
14	12-Dec-08	99.3
15	20-Feb-09	1
16	7-May-09	507
17	23-Sep-09	37.5
18	7-Dec-09	150
19	11-Mar-10	208
20	20-May-10	187
21	27-Sep-10	3.07
22	2-Dec-10	221
23	17-Feb-11	12.5
24	19-May-11	12.5
25	9-Aug-11	12.5
26	2-Nov-11	26.8
27	4-May-12	65
28	14-Nov-12	68.1
29	4-Apr-13	44.7
30	23-Oct-13	106
31	10-Apr-14	107
32	15-Oct-14	5
33	13-Apr-15	5
34	13-Oct-15	152
35	20-Apr-16	95.4
36	1-Dec-16	5
37		
38		
39		
40		

Coefficient of Variation:	1.42
Mann-Kendall Statistic (S):	91
Confidence Factor:	92.8%
Concentration Trend:	Prob. Increasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

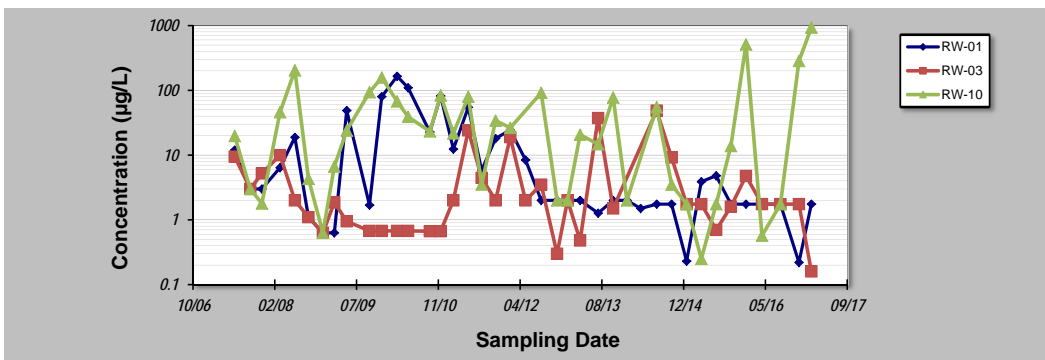
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.
GSI Environmental Inc., www.gsi-net.com

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: Total BTEX (RW onsite wells)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	RW-01	RW-03	RW-10			
--------------------	-------	-------	-------	--	--	--

Sampling Event	Sampling Date	TOTAL BTEX (RW ONSITE WELLS) CONCENTRATION (µg/L)					
		RW-01	RW-03	RW-10			
1	22-Jun-07	11.97	9.48	19.74			
2	25-Sep-07	3	3	3			
3	5-Dec-07	3	5.22	1.79			
4	25-Mar-08	6.4	10	46			
5	24-Jun-08	18.8	2	203.8			
6	15-Sep-08	1.1	1.1	4.3			
7	12-Dec-08	0.63055	0.63055	0.63055			
8	20-Feb-09	0.63055	1.8543	6.6563			
9	7-May-09	48.79	0.95	23.96			
10	23-Sep-09	1.69	0.675	93.59			
11	7-Dec-09	80.02	0.675	157.77			
12	11-Mar-10	165.09	0.675	67.45			
13	17-May-10	109.83	0.675	39.05			
14	27-Sep-10	22.71	0.668	23.286			
15	2-Dec-10	81.98	2	83.49			
16	18-Feb-11	12.38	2	21.61			
17	20-May-11	54.7	24.11	79.7			
18	10-Aug-11	5.82	4.46	3.51			
19	3-Nov-11	18.09	2	34.02			
20	1-Feb-12	24.4	18.92	26.42			
21	4-May-12	8.42	2				
22	8-Aug-12	2	3.5	91.61			
23	13-Nov-12	2	0.3	2			
24	16-Jan-13	2	2	2			
25	3-Apr-13	2	0.48	20.68			
26	22-Jul-13	1.27	37.34	14.7			
27	22-Oct-13	2	1.5	77.5			
28	14-Jan-14	2		2			
29	8-Apr-14	1.5					
30	15-Jul-14	1.75	48.6	54.84			
31	14-Oct-14	1.75	9.2	3.5			
32	14-Jan-15	0.23	1.75	1.75			
33	14-Apr-15	3.89	1.75	0.25			
34	14-Jul-15	4.8	0.7	1.75			
35	12-Oct-15	1.75	1.6	13.8			
36	12-Jan-16	1.75	4.76	511.7			
37	19-Apr-16	1.75	1.75	0.57			
38	10-Aug-16	1.75	1.75	1.75			
39	1-Dec-16	0.22	1.75	284.4			
40	15-Feb-17	1.75	0.16	931.7			
Coefficient of Variation:	1.95	1.86	2.22				
Mann-Kendall Statistic (S):	-256	-46	-61				
Confidence Factor:	99.9%	71.3%	77.3%				
Concentration Trend:	Decreasing	No Trend	No Trend				



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.
GSI Environmental Inc., www.gsi-net.com

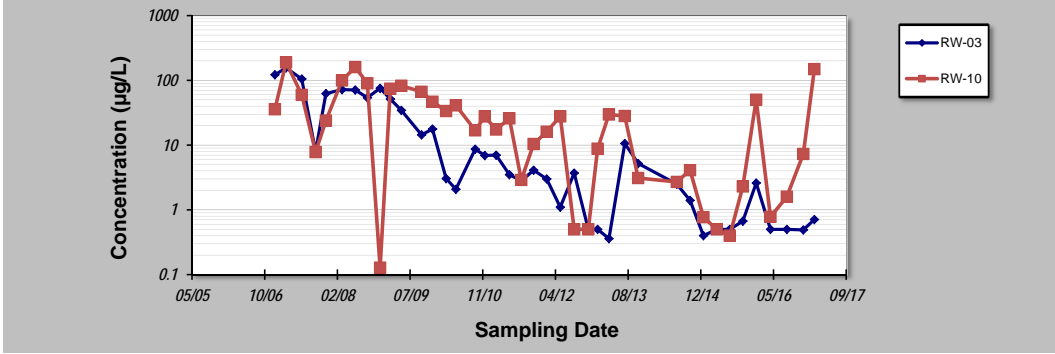
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: MTBE (RW onsite wells)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	RW-03	RW-10				
--------------------	--------------	--------------	--	--	--	--

Sampling Event	Sampling Date	MTBE (RW ONSITE WELLS) CONCENTRATION (µg/L)					
1	19-Dec-06	122	35.8				
2	6-Mar-07	156	190				
3	22-Jun-07	105	59.7				
4	25-Sep-07	7.96	7.81				
5	5-Dec-07	62.4	23.9				
6	25-Mar-08	72	100				
7	24-Jun-08	71	160				
8	15-Sep-08	54	90				
9	12-Dec-08	75.42	0.1281				
10	20-Feb-09	51.54	74.32				
11	7-May-09	34.43	82.5				
12	23-Sep-09	14.4	66.6				
13	7-Dec-09	17.7	46.7				
14	11-Mar-10	3.05	33.6				
15	17-May-10	2.08	41.1				
16	27-Sep-10	8.66	16.9				
17	2-Dec-10	6.91	27.7				
18	18-Feb-11	7	17.4				
19	20-May-11	3.5	25.9				
20	10-Aug-11	2.8	2.9				
21	3-Nov-11	4.1	10.4				
22	1-Feb-12	3	16.1				
23	4-May-12	1.1	27.8				
24	8-Aug-12	3.7	0.5				
25	13-Nov-12	0.5	0.5				
26	16-Jan-13	0.5	8.8				
27	4-Apr-13	0.36	29.7				
28	22-Jul-13	10.6	28.1				
29	22-Oct-13	5.2	3.1				
30	15-Jul-14	2.5	2.7				
31	14-Oct-14	1.4	4.1				
32	14-Jan-15	0.4	0.77				
33	15-Apr-15	0.5	0.5				
34	14-Jul-15	0.5	0.4				
35	12-Oct-15	0.67	2.3				
36	12-Jan-16	2.6	50.2				
37	19-Apr-16	0.5	0.78				
38	10-Aug-16	0.5	1.6				
39	1-Dec-16	0.49	7.3				
40	15-Feb-17	0.71	149				

Coefficient of Variation:	1.66	1.29			
Mann-Kendall Statistic (S):	-539	-327			
Confidence Factor:	>99.9%	>99.9%			
Concentration Trend:	Decreasing	Decreasing			



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.
GSI Environmental Inc., www.gsi-net.com

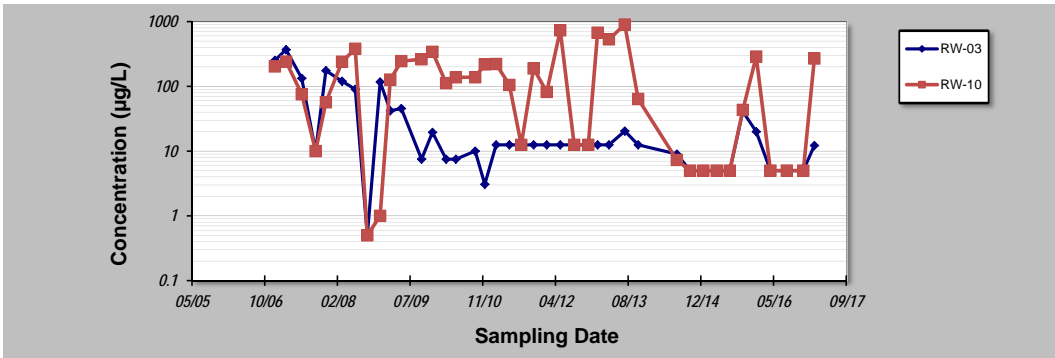
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: TBA (RW onsite wells)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	RW-03	RW-10				
--------------------	--------------	--------------	--	--	--	--

Sampling Event	Sampling Date	TBA (RW ONSITE WELLS) CONCENTRATION (µg/L)					
		RW-03	RW-10				
1	19-Dec-06	252	203				
2	6-Mar-07	369	241				
3	22-Jun-07	133	75.4				
4	25-Sep-07	10	10				
5	5-Dec-07	175	56.8				
6	25-Mar-08	120	240				
7	24-Jun-08	90	380				
8	15-Sep-08	0.5	0.5				
9	12-Dec-08	117	1				
10	20-Feb-09	42	127				
11	7-May-09	45.5	245				
12	23-Sep-09	7.5	262				
13	7-Dec-09	19.5	341				
14	11-Mar-10	7.5	112				
15	17-May-10	7.5	138				
16	27-Sep-10	10	138				
17	2-Dec-10	3.07	218				
18	18-Feb-11	12.5	221				
19	20-May-11	12.5	105				
20	10-Aug-11	12.5	12.5				
21	3-Nov-11	12.5	189				
22	1-Feb-12	12.5	82				
23	4-May-12	12.5	734				
24	8-Aug-12	12.5	12.5				
25	13-Nov-12	12.5	12.5				
26	16-Jan-13	12.5	674				
27	4-Apr-13	12.5	532				
28	22-Jul-13	20.4	899				
29	22-Oct-13	12.5	63.8				
30	15-Jul-14	9	7.3				
31	14-Oct-14	5	5				
32	14-Jan-15	5	5				
33	15-Apr-15	5	5				
34	14-Jul-15	5	5				
35	12-Oct-15	40.8	43.2				
36	12-Jan-16	20	288				
37	19-Apr-16	5	5				
38	10-Aug-16	5	5				
39	1-Dec-16	5	5				
40	15-Feb-17	12.2	269				

Coefficient of Variation:	1.79	1.23
Mann-Kendall Statistic (S):	-296	-133
Confidence Factor:	>99.9%	93.8%
Concentration Trend:	Decreasing	Prob. Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

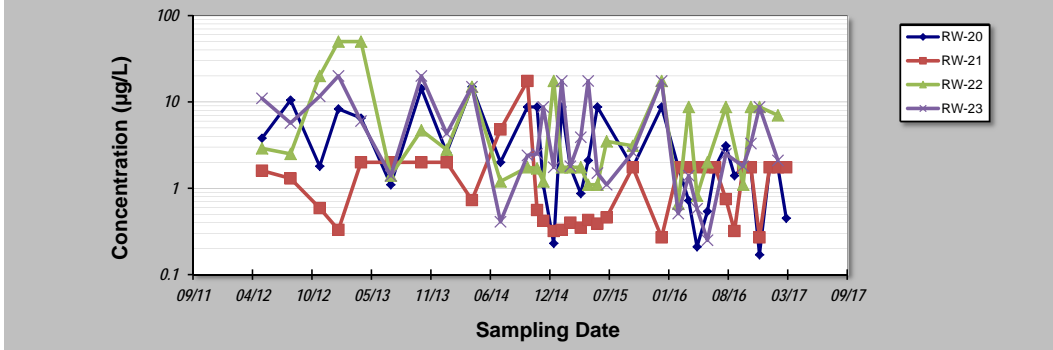
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: Total BTEX (RW offsite wells)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	RW-20	RW-21	RW-22	RW-23		
--------------------	--------------	--------------	--------------	--------------	--	--

Sampling Event	Sampling Date	TOTAL BTEX (RW OFFSITE WELLS) CONCENTRATION (µg/L)			
1	3-May-12	3.8	1.6	2.9	11
2	7-Aug-12	10.5	1.3	2.5	5.7
3	13-Nov-12	1.8	0.59	20	11.6
4	15-Jan-13	8.3	0.33	50	20
5	1-Apr-13	6.5	2	50	6
6	10-Jul-13	1.1	2	1.4	1.4
7	21-Oct-13	14.3	2	4.7	20
8	14-Jan-14	2.6	2	2.8	4.3
9	9-Apr-14	15	0.73	15	15
10	14-Jul-14	2	4.8	1.2	0.41
11	13-Oct-14	8.75	17.5	1.75	2.4
12	14-Nov-14	8.75	0.56	1.7	2.5
13	5-Dec-14	1.1	0.42	1.2	8.75
14	9-Jan-15	0.23	0.32	17.5	1.75
15	5-Feb-15	8.75	0.33	1.75	17.5
16	6-Mar-15	1.75	0.4	1.75	1.8
17	10-Apr-15	0.87	0.35	1.75	3.9
18	5-May-15	2.1	0.43	1.1	17.5
19	5-Jun-15	8.75	0.39	1.1	1.5
20	6-Jul-15	ND(14)	0.46	3.5	1.1
21	6-Aug-15				
22	3-Sep-15				
23	2-Oct-15	1.75	1.75	3.1	2.6
24	4-Nov-15				
25	4-Dec-15				
26	7-Jan-16	8.75	0.27	17.5	17.5
27	4-Feb-16				
28	3-Mar-16	1.75	1.75	0.66	0.51
29	7-Apr-16	0.72	1.75	8.75	1.4
30	5-May-16	0.21	1.75	0.82	0.58
31	9-Jun-16	0.54	1.75	2	0.25
32	5-Jul-16	1.75	1.75		
33	10-Aug-16	3.1	0.75	8.75	2.5
34	8-Sep-16	1.4	0.32		
35	7-Oct-16	1.75	1.75	1.1	1.8
36	2-Nov-16	1.75	1.75	8.75	3.3
37	1-Dec-16	0.17	0.27	8.75	8.75
38	4-Jan-17	1.75	1.75		
39	1-Feb-17	1.75	1.75	7	2.1
40	1-Mar-17	0.45	1.75		

Coefficient of Variation:	1.05	1.71	1.54	1.04
Mann-Kendall Statistic (S):	-204	-21	-51	-123
Confidence Factor:	99.9%	61.1%	80.1%	98.1%
Concentration Trend:	Decreasing	No Trend	No Trend	Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.
GSI Environmental Inc., www.gsi-net.com

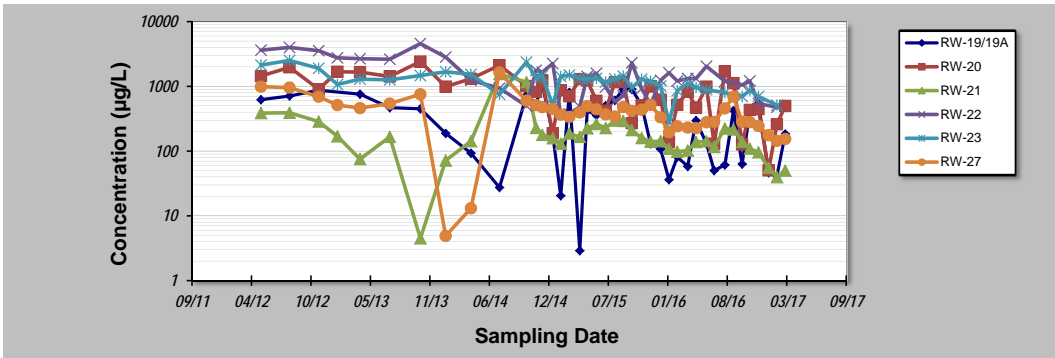
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: MTBE (RW offsite wells)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	RW-19/19A	RW-20	RW-21	RW-22	RW-23	RW-27
--------------------	------------------	--------------	--------------	--------------	--------------	--------------

Sampling Event	Sampling Date	MTBE (RW OFFSITE WELLS) CONCENTRATION (µg/L)					
1	3-May-12	622	1440	386	3620	2130	989
2	7-Aug-12	710	1970	391	3990	2510	957
3	13-Nov-12	871	902	286	3550	1900	692
4	15-Jan-13		1680	169	2760	1070	514
5	1-Apr-13	758	1660	75.3	2670	1290	462
6	10-Jul-13	469	1420	166	2620	1260	542
7	21-Oct-13	450	2410	4.5	4570	1470	754
8	14-Jan-14	188	989	71.5	2830	1680	4.9
9	9-Apr-14	93.1	1310	142	1240	1530	13.1
10	14-Jul-14	27.4	2110	1550	939	752	1640
11	13-Oct-14	731	1010	1160	497	2370	602
12	14-Nov-14	532	822	228	1770	1350	513
13	5-Dec-14	1090	1230	178	1660	1450	477
14	9-Jan-15	181	189	158	2250	509	446
15	5-Feb-15	20.5	871	130	359	1420	365
16	6-Mar-15	808	704	187	378	1490	337
17	10-Apr-15	2.9	1290	166	484	1330	395
18	5-May-15	423	1240	225	1420	1300	494
19	5-Jun-15	356	598	262	1590	1330	441
20	6-Jul-15	503	421	227	979	1170	369
21	6-Aug-15	611	1160	296	582	1300	342
22	3-Sep-15	902	1180	292	714	1440	479
23	2-Oct-15	901	270	211	2310	964	419
24	4-Nov-15	515	506	159	924	1290	435
25	4-Dec-15	130	996	140	523	1200	517
26	7-Jan-16	107	623	142	1240	1010	333
27	4-Feb-16	36.2	140	109	1620	278	195
28	3-Mar-16	81.2	518	98	1210	856	241
29	7-Apr-16	58	830	102	1320	1110	231
30	5-May-16	296	470	138	1320	964	226
31	9-Jun-16	131	989	142	2040	889	279
32	5-Jul-16	50.1	130	116			282
33	10-Aug-16	61.2	1700	223	1200	798	457
34	8-Sep-16	424	1120	216			692
35	7-Oct-16	63.1	127	139	1050	697	283
36	2-Nov-16	406	432	109	1210	865	280
37	1-Dec-16	546	446	95.8	542	698	244
38	4-Jan-17	46.5	50.4	55.1			176
39	1-Feb-17	41.3	260	39.6	476	512	144
40	1-Mar-17	184	499	50			154

Coefficient of Variation:	0.84	0.64	1.24	0.67	0.40	0.67
Mann-Kendall Statistic (S):	-213	-383	-281	-239	-358	-379
Confidence Factor:	99.5%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%
Concentration Trend:	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

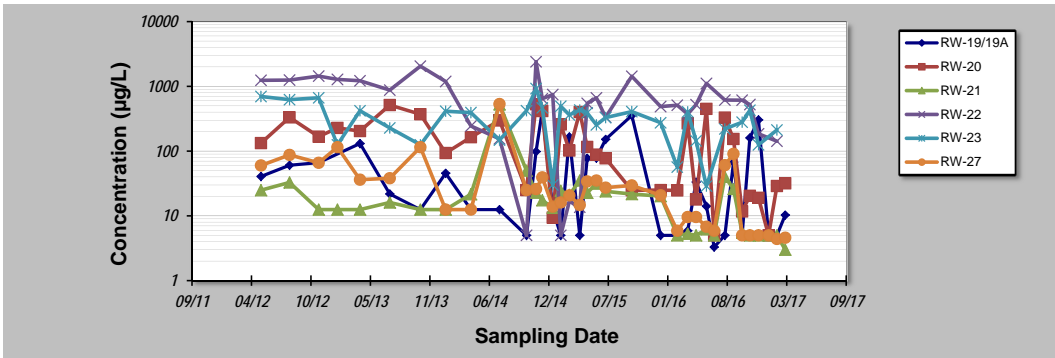
DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: TBA (RW offsite wells)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	RW-19/19A	RW-20	RW-21	RW-22	RW-23	RW-27
--------------------	------------------	--------------	--------------	--------------	--------------	--------------

Sampling Event	Sampling Date	TBA (RW OFFSITE WELLS) CONCENTRATION (µg/L)					
		RW-19/19A	RW-20	RW-21	RW-22	RW-23	RW-27
1	3-May-12	40.6	133	24.9	1240	697	60
2	7-Aug-12	60.5	332	32.8	1250	623	87.3
3	13-Nov-12	66.4	167	12.5	1440	666	66
4	15-Jan-13		228	12.5	1280	125	115
5	1-Apr-13	131	204	12.5	1220	420	36.2
6	10-Jul-13	21.8	515	16.1	875	228	38.1
7	21-Oct-13	12.5	371	12.5	2050	125	115
8	14-Jan-14	45.5	93.3	12.5	1190	413	12.5
9	9-Apr-14	12.5	164	21.6	244	393	12.5
10	14-Jul-14	12.5	297	527	155	148	533
11	13-Oct-14	5	25	50	5	421	25
12	14-Nov-14	98.4	530	22.8	2400	923	25.9
13	5-Dec-14	419	416	17.4	644	466	39.3
14	9-Jan-15	13	9.4	13.3	747	30	13.9
15	5-Feb-15	5	258	24.4	5	493	16.1
16	6-Mar-15	166	102	21.1	16.9	362	20.7
17	10-Apr-15	5	401	35.2	13.6	431	14.7
18	5-May-15	77.6	116	22.7	546	390	34
19	5-Jun-15	78.1	88.2	31.5	665	254	35.1
20	6-Jul-15	152	77.4	23.9	333	329	27.3
21	6-Aug-15						
22	3-Sep-15						
23	2-Oct-15	355	24.8	21.7	1430	407	29.5
24	4-Nov-15						
25	4-Dec-15						
26	7-Jan-16	5	25	20.2	487	274	20.8
27	4-Feb-16						
28	3-Mar-16	5	24.7	5	511	56.6	5.9
29	7-Apr-16	5.9	268	5.3	373	404	9.6
30	5-May-16	33.3	17.9	5	522	144	9.6
31	9-Jun-16	14.1	449	6.2	1110	28.8	6.8
32	5-Jul-16	3.3	5	5			5.9
33	10-Aug-16	5	329	40.1	615	220	60.6
34	8-Sep-16	67.4	154	26			90.7
35	7-Oct-16	5	11.7	5.5	611	280	5
36	2-Nov-16	160	20.4	5	523	428	5
37	1-Dec-16	304	19	5	185	125	5
38	4-Jan-17	5	5	5			5
39	1-Feb-17	5	28.9	5	142	212	4.4
40	1-Mar-17	10.3	31.8	3			4.6
Coefficient of Variation:	1.47	0.96	2.74	0.82	0.61	1.98	
Mann-Kendall Statistic (S):	-84	-219	-190	-138	-138	-317	
Confidence Factor:	89.0%	99.9%	99.7%	99.1%	99.1%	>99.9%	
Concentration Trend:	No Trend	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

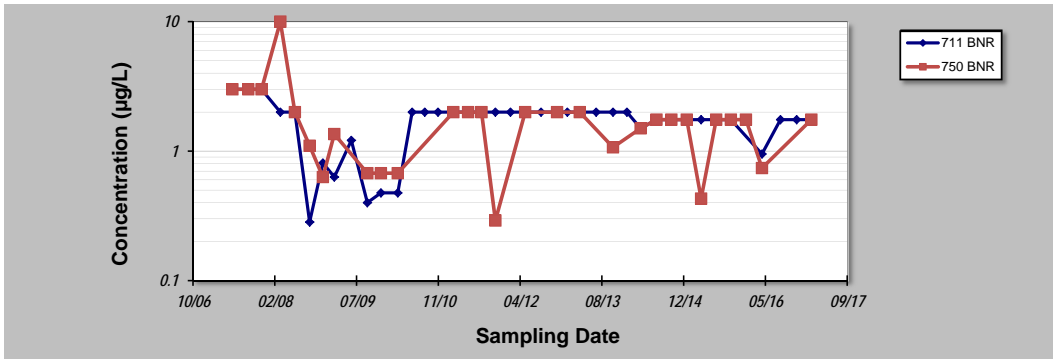
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: Total BTEX (BNR wells)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	711 BNR	750 BNR				
--------------------	----------------	----------------	--	--	--	--

Sampling Event	Sampling Date	TOTAL BTEX (BNR WELLS) CONCENTRATION (µg/L)					
		711 BNR	750 BNR				
1	8-Jun-07	3	3				
2	13-Sep-07	3	3				
3	3-Dec-07	3	3				
4	27-Mar-08	2	10				
5	24-Jun-08	2	2				
6	22-Sep-08	0.28325	1.1				
7	12-Dec-08	0.81	0.63055				
8	20-Feb-09	0.63055	1.3542				
9	4-Jun-09	1.21					
10	10-Sep-09	0.4	0.675				
11	2-Dec-09	0.476	0.675				
12	15-Mar-10	0.476	0.675				
13	11-Jun-10	2					
14	27-Aug-10	2					
15	16-Nov-10	2					
16	18-Feb-11	2	2				
17	19-May-11	2	2				
18	9-Aug-11	2	2				
19	2-Nov-11	2	0.291				
20	2-Feb-12	2					
21	2-May-12	2	2				
22	7-Aug-12	2					
23	13-Nov-12	2	2				
24	15-Jan-13	2					
25	1-Apr-13	2	2				
26	10-Jul-13	2					
27	21-Oct-13	2	1.07				
28	14-Jan-14	2					
29	8-Apr-14	1.5	1.5				
30	14-Jul-14	1.75	1.75				
31	13-Oct-14	1.75	1.75				
32	15-Jan-15	1.75	1.75				
33	13-Apr-15	1.75	0.43				
34	14-Jul-15	1.75	1.75				
35	12-Oct-15	1.75	1.75				
36	12-Jan-16	1.75	1.75				
37	19-Apr-16	0.95	0.74				
38	10-Aug-16	1.75					
39	17-Nov-16	1.75					
40	15-Feb-17	1.75	1.75				

Coefficient of Variation:	0.38	0.92
Mann-Kendall Statistic (S):	-128	-88
Confidence Factor:	93.8%	94.8%
Concentration Trend:	Prob. Decreasing	Prob. Decreasing



- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.
GSI Environmental Inc., www.gsi-net.com

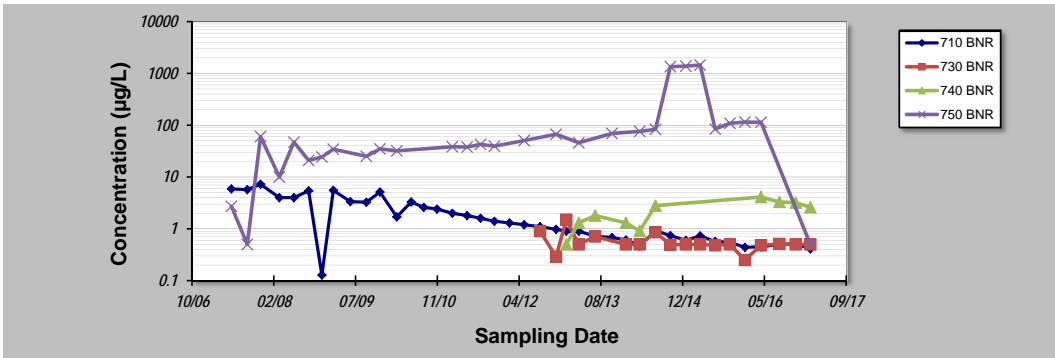
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 29-Mar-17	Job ID: 7P624
Facility Name: Former Shell S/S #137675	Constituent: MTBE (BNR wells)
Conducted By: ACW	Concentration Units: µg/L

Sampling Point ID:	710 BNR	730 BNR	740 BNR	750 BNR		
--------------------	----------------	----------------	----------------	----------------	--	--

Sampling Event	Sampling Date	MTBE (BNR WELLS) CONCENTRATION (µg/L)				
		710 BNR	730 BNR	740 BNR	750 BNR	
1	8-Jun-07	5.9			2.72	
2	13-Sep-07	5.71			0.5	
3	3-Dec-07	7.26			60.6	
4	27-Mar-08	4			10	
5	24-Jun-08	4			47	
6	22-Sep-08	5.415			21	
7	12-Dec-08	0.1281			24.34	
8	20-Feb-09	5.54			34.4	
9	4-Jun-09	3.35				
10	10-Sep-09	3.26			25.1	
11	2-Dec-09	5.13			34.9	
12	15-Mar-10	1.7			32	
13	11-Jun-10	3.3				
14	27-Aug-10	2.6				
15	16-Nov-10	2.4				
16	18-Feb-11	2			38.4	
17	19-May-11	1.8			37.9	
18	9-Aug-11	1.6			42.6	
19	2-Nov-11	1.4			39.4	
20	2-Feb-12	1.3				
21	2-May-12	1.2			50.5	
22	7-Aug-12	1.1				
23	13-Nov-12	0.98	0.9		66.9	
24	15-Jan-13	0.9	1.5	0.5		
25	1-Apr-13	0.9	0.5	1.3	45.9	
26	10-Jul-13	0.72	0.71	1.8		
27	21-Oct-13	0.68			69.1	
28	14-Jan-14	0.61	0.5	1.3		
29	8-Apr-14	0.47	0.5	0.91	75.9	
30	14-Jul-14	0.92	0.86	2.8	83.2	
31	13-Oct-14	0.74	0.49		1350	
32	15-Jan-15	0.6	0.5		1380	
33	13-Apr-15	0.73	0.5		1450	
34	14-Jul-15	0.57	0.48		84.3	
35	12-Oct-15	0.55	0.5		109	
36	12-Jan-16	0.44	0.25		115	
37	19-Apr-16	0.45	0.48	4.1	114	
38	10-Aug-16	0.5	0.51	3.3		
39	17-Nov-16	0.52	0.5	3.2		
40	15-Feb-17	0.41	0.5	2.6	0.5	

Coefficient of Variation:	0.94	0.48	0.54	2.23
Mann-Kendall Statistic (S):	-626	-36	22	259
Confidence Factor:	>99.9%	90.6%	97.1%	>99.9%
Concentration Trend:	Decreasing	Prob. Decreasing	Increasing	Increasing



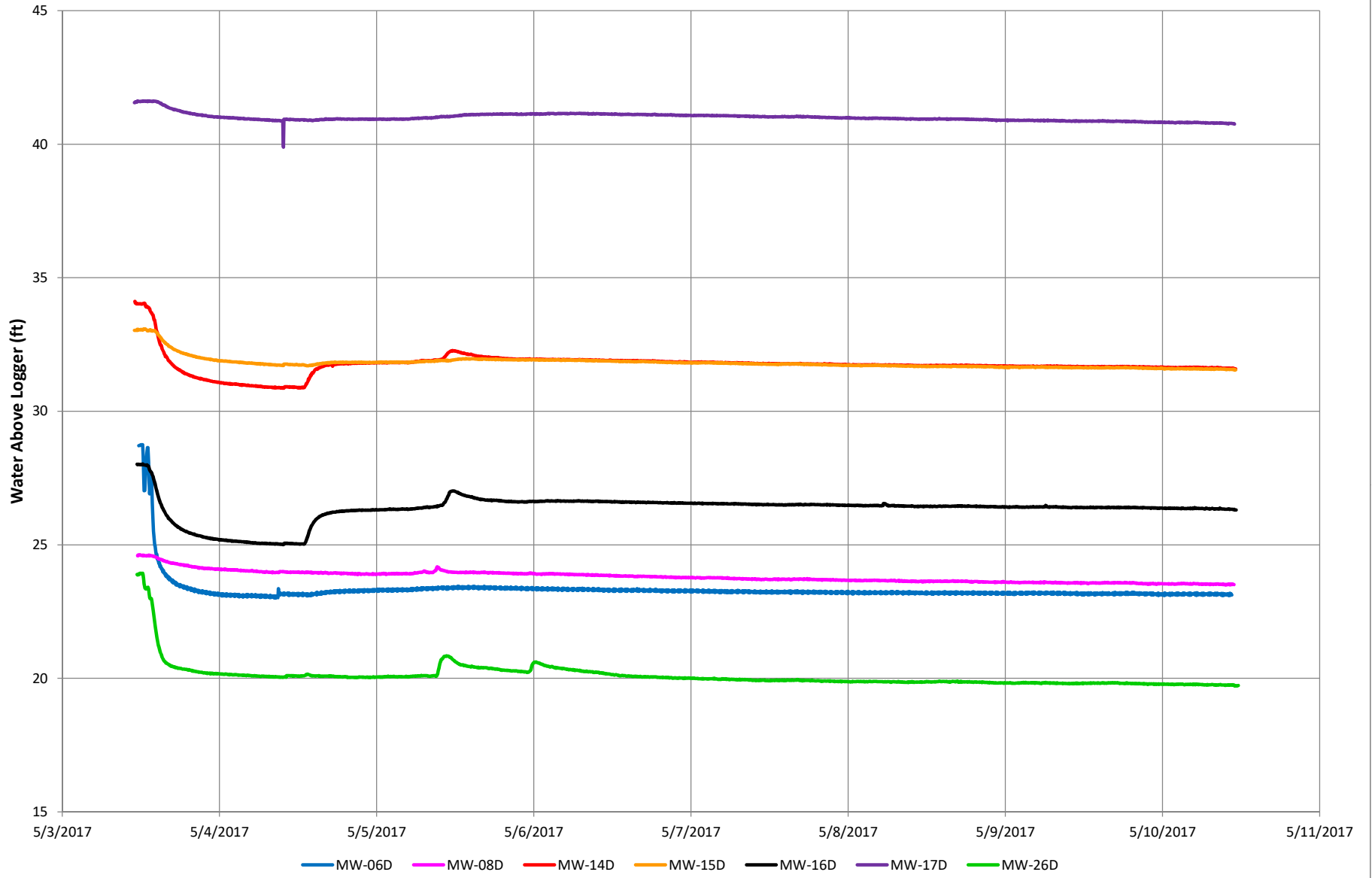
- Notes:**
- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
 - Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
 - Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.
GSI Environmental Inc., www.gsi-net.com

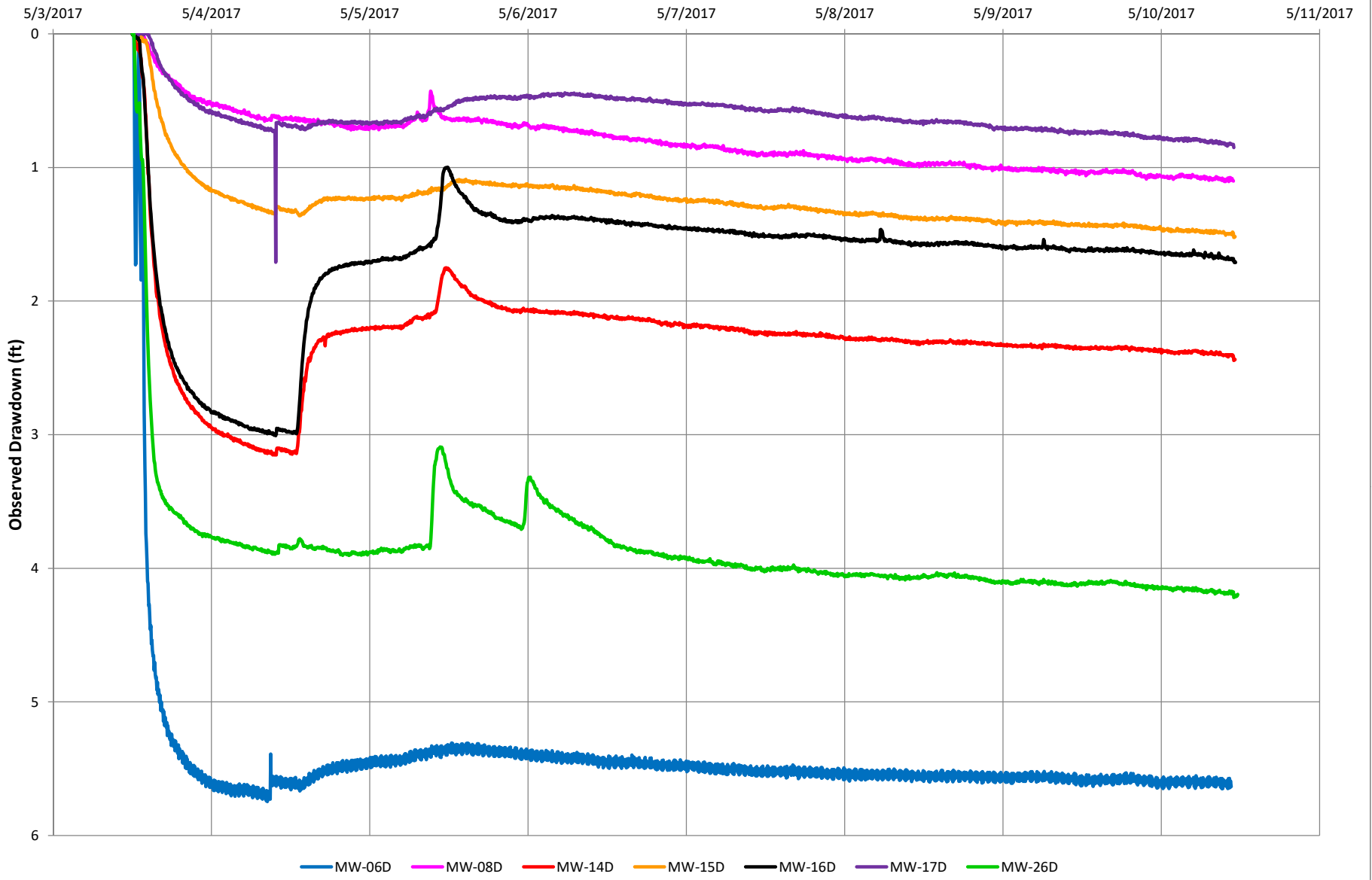
Attachment C

Drawdown Testing Hydrographs

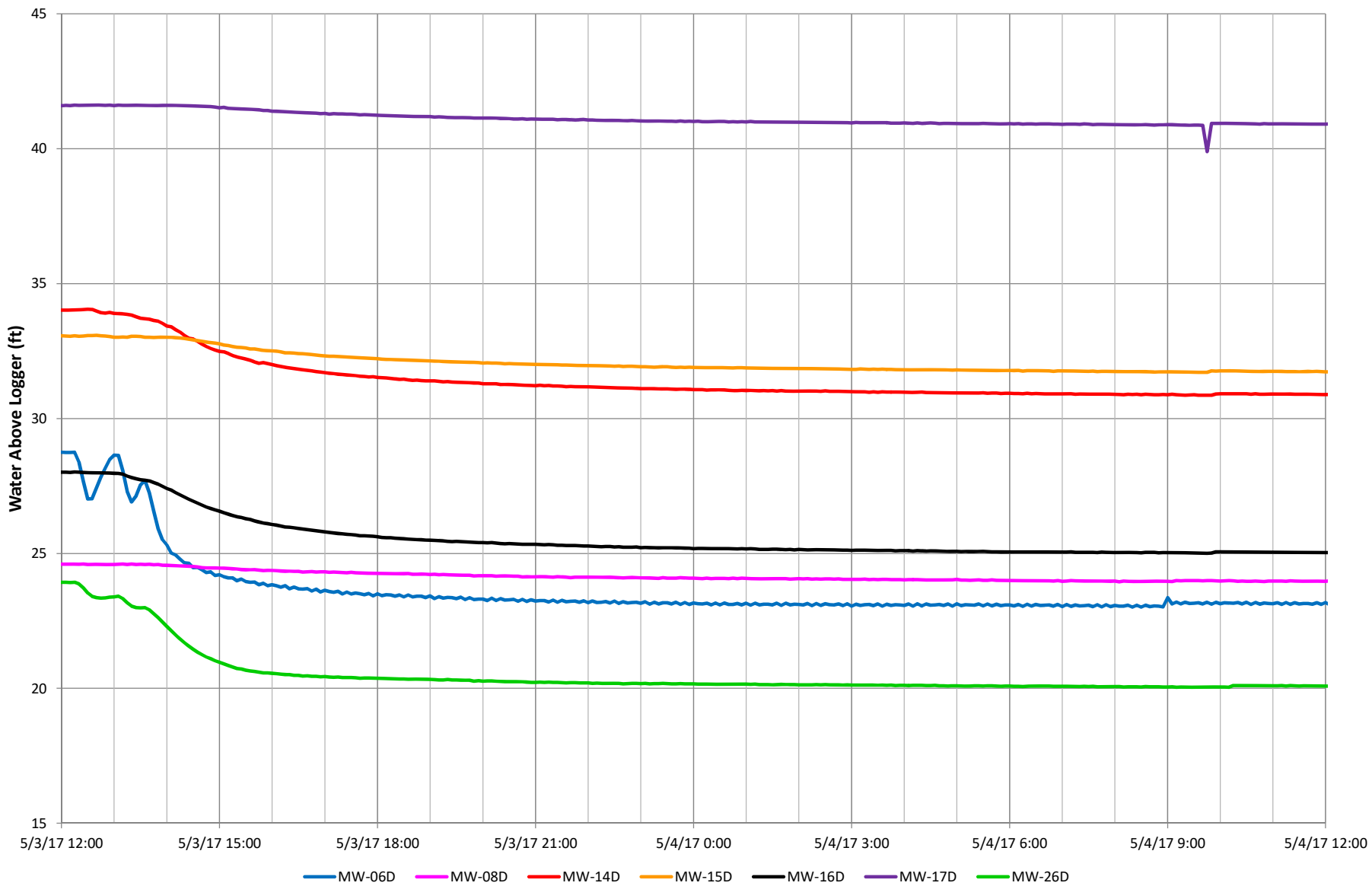
Hydrograph (7 Days)



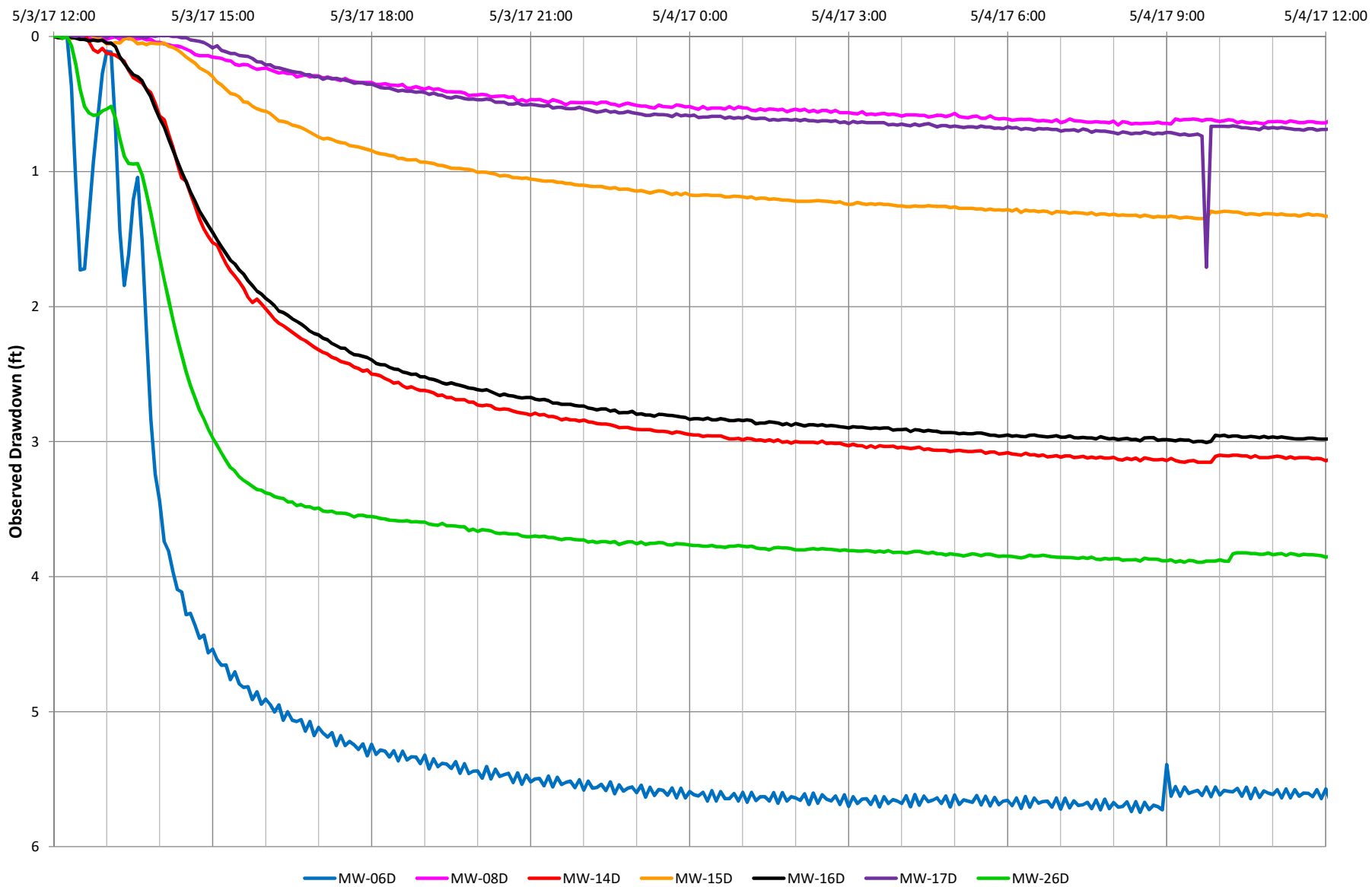
Drawdown (7 Days)



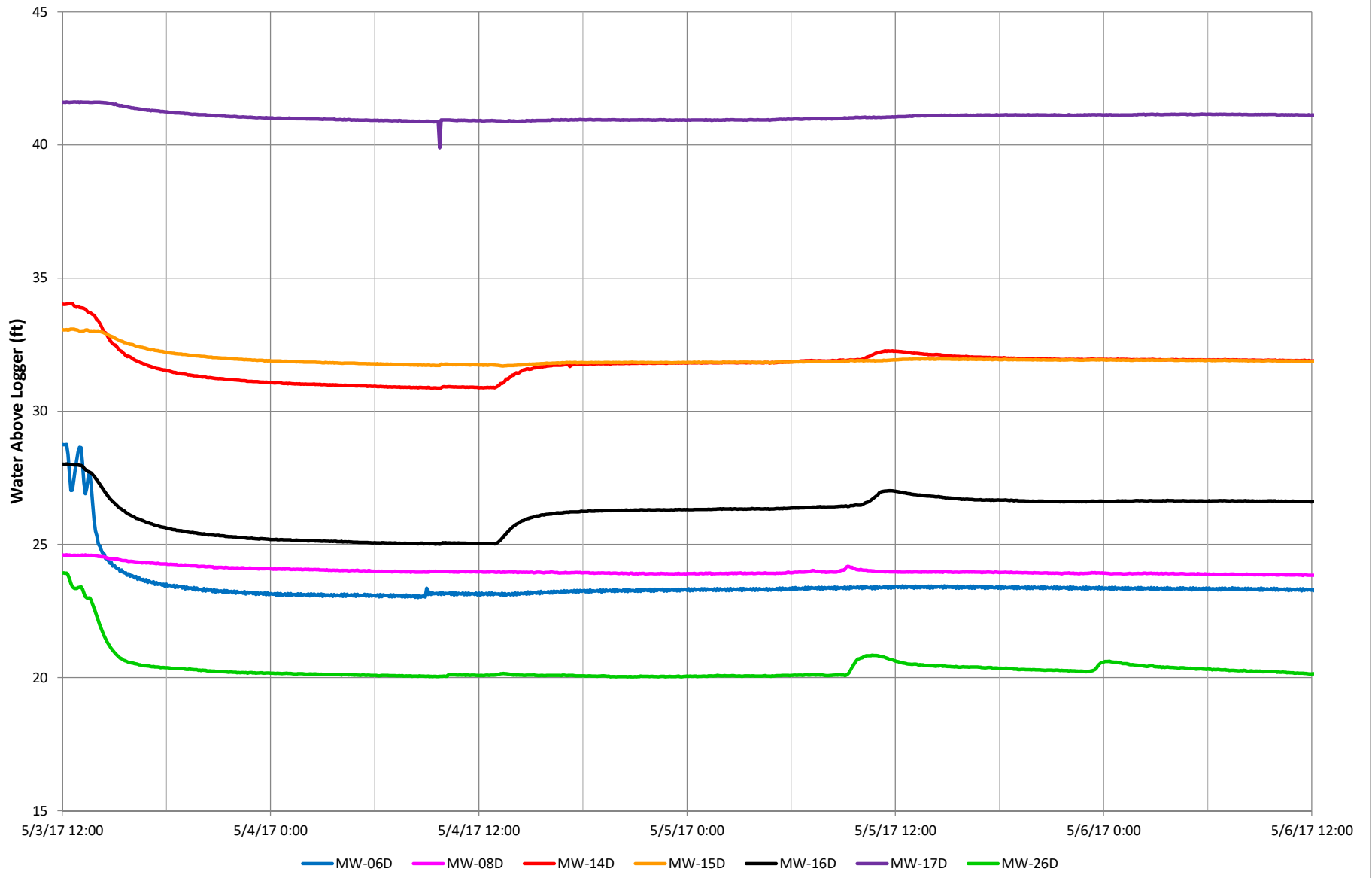
Hydrograph (1 Day)



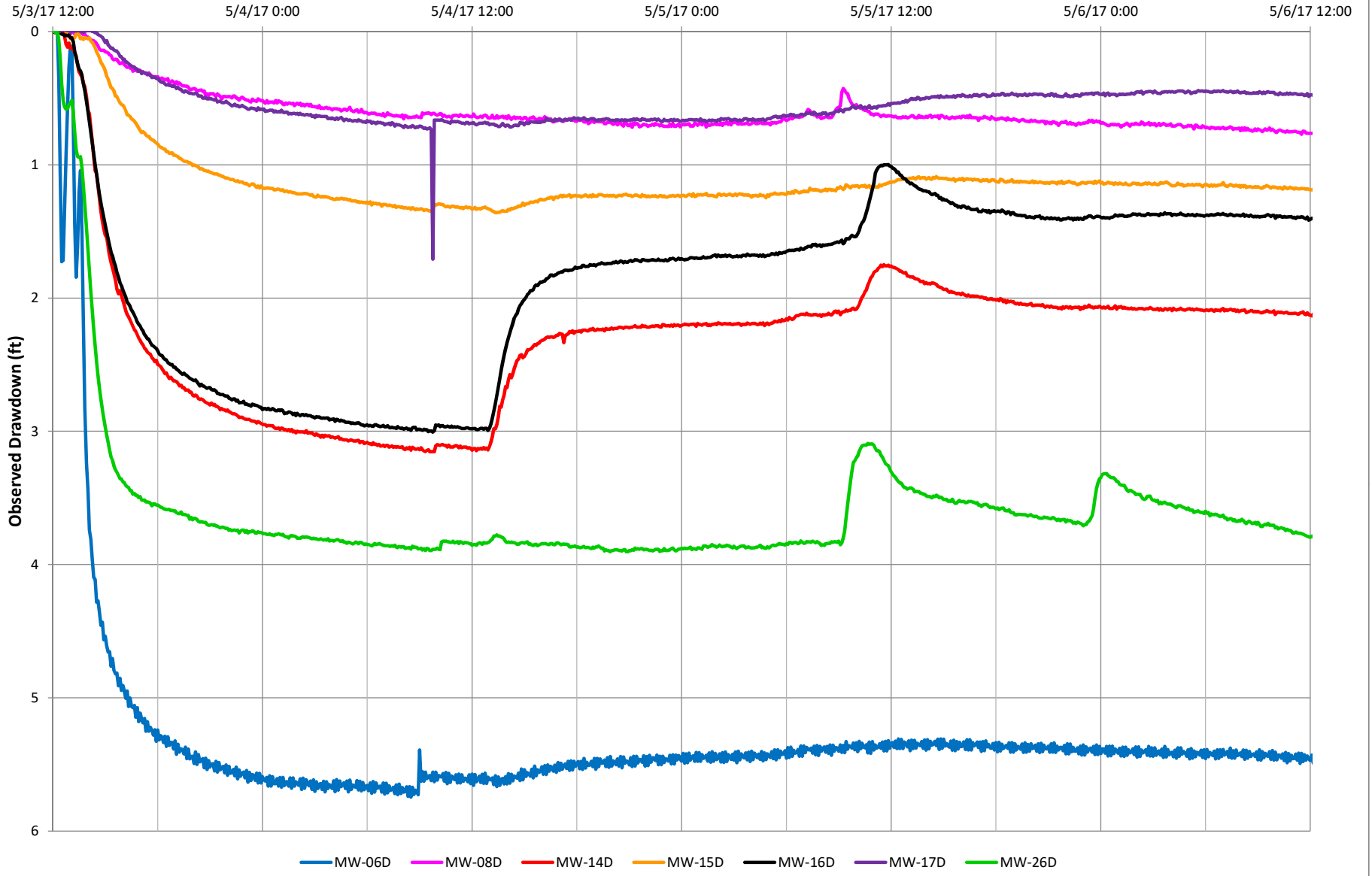
Drawdown (1 Day)



Hydrograph (3 Days)



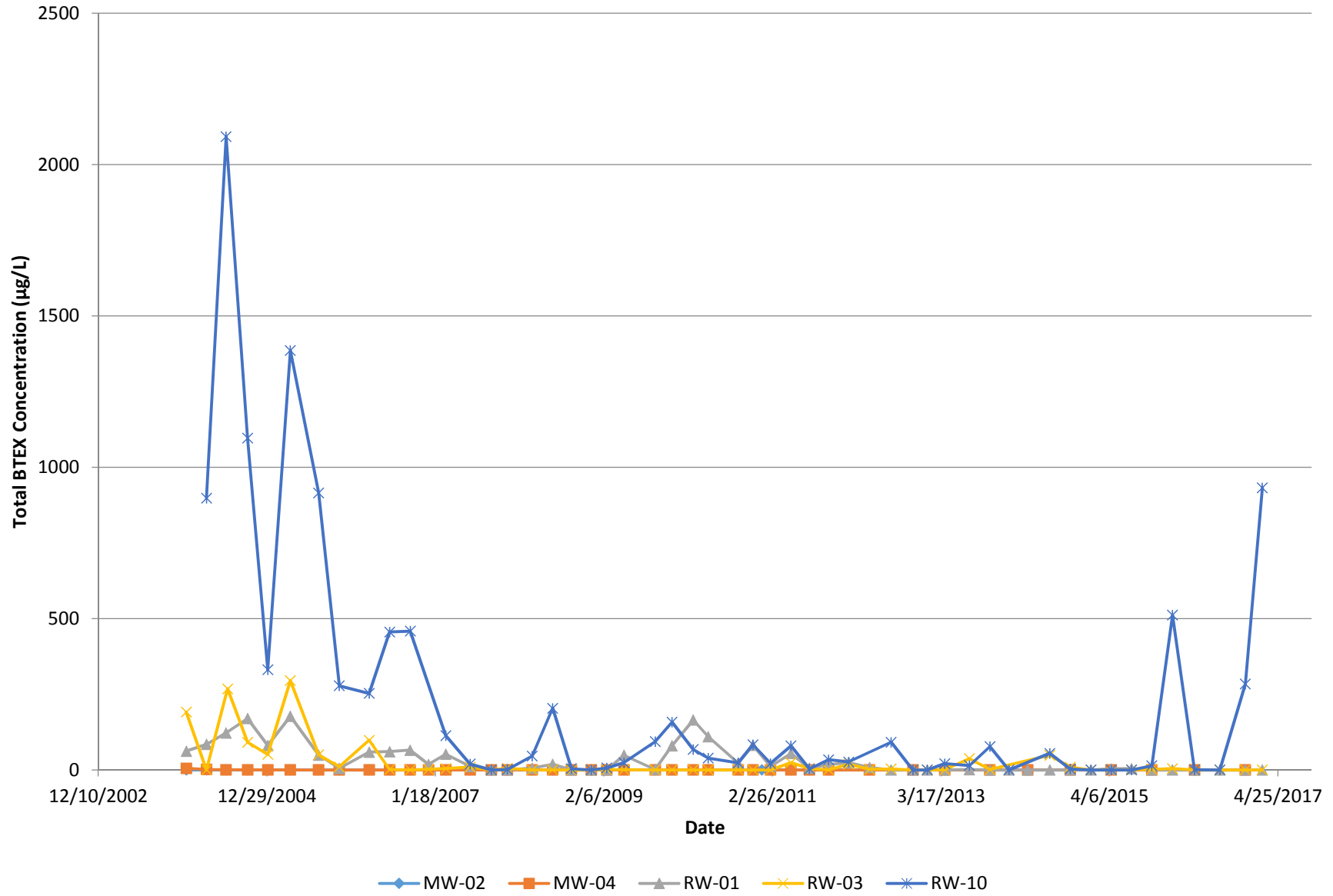
Drawdown (3 Days)



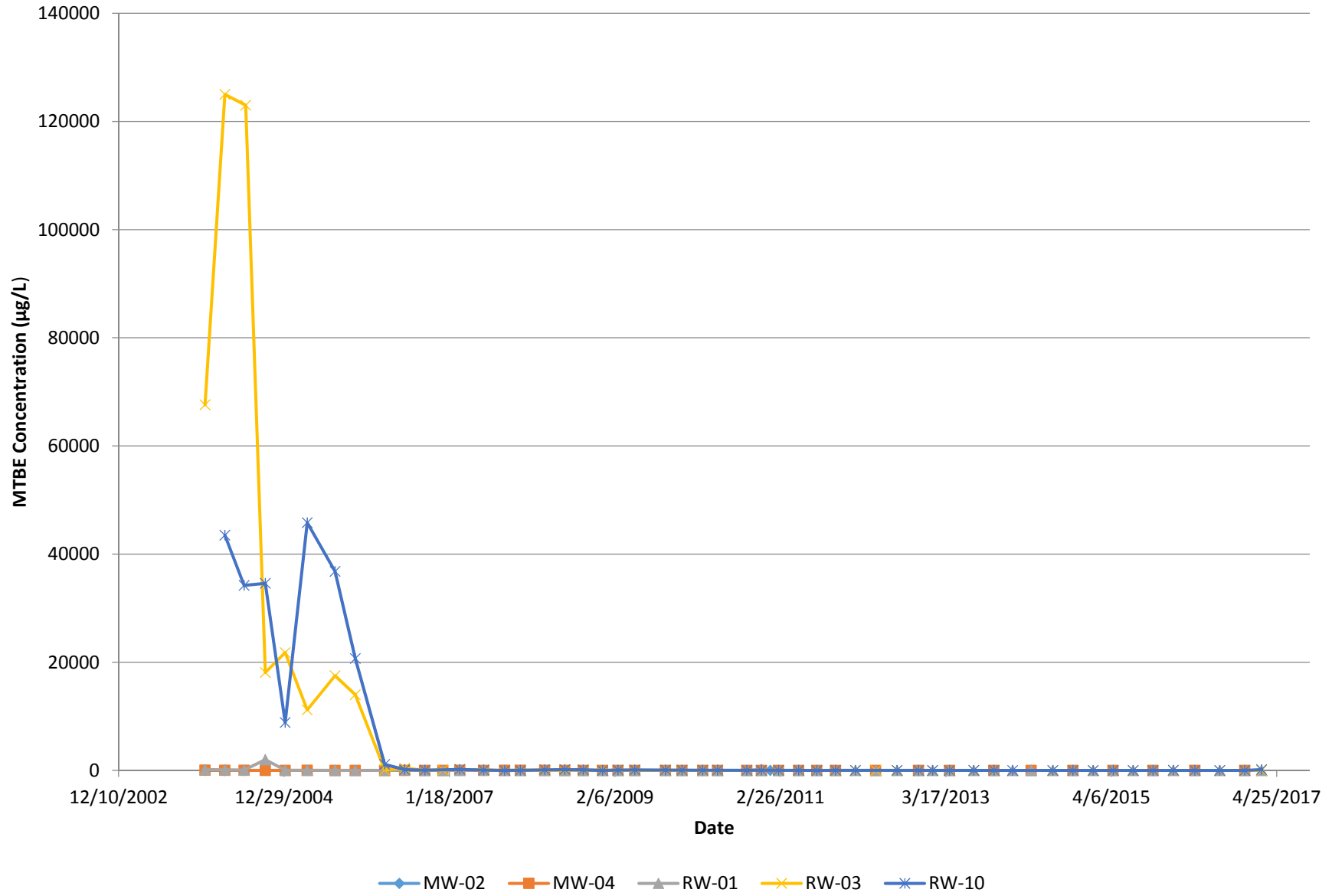
Attachment D

Onsite Groundwater Concentration Graphs

Groundwater Total BTEX Concentration - Onsite Monitoring Wells
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD



Groundwater MTBE Concentration - Onsite Monitoring Wells
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD



*Groundwater TBA Concentration - Onsite Monitoring Wells
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD*

