



FEDEX: 7982 9214 7039

March 21, 2014

Ms. Jeanette DeBartolomeo
Maryland Department of the Environment
Oil Control Program
1800 Washington Boulevard
Baltimore, MD 21230

**RE: Sampling Reduction Request
Southside Facility #20025
31 Heather Lane
Perryville, Cecil County, Maryland
MDE Case No. 2006-0489-CE**

Dear Ms. DeBartolomeo:

Kleinfelder, on behalf of Southside Oil, LLC (Southside), has prepared this request to the Maryland Department of the Environment (MDE) for a reduction in the number of wells sampled quarterly, as well as the required sample analyses at the above referenced location (Site). The Site is an open leaking underground storage tank (LUST) site with the Maryland Department of the Environment – Oil Control Program (MDE - OCP) under Case Number 2006-0489-CE. The Site monitoring well network consists of 14 monitoring wells and three tank field wells. As directed by the MDE, the monitoring well network is currently sampled on a quarterly basis for volatile organic compounds (VOCs) including fuel oxygenates, total petroleum hydrocarbons – gasoline range organics (TPH-GRO), and total petroleum hydrocarbons – diesel range organics (TPH-DRO).

The primary constituent of concern (COC) of the Site is methyl tert butyl ether (MTBE). The MDE action level for MTBE is 20 micrograms per liter ($\mu\text{g/L}$). Methyl tert butyl ether has not been detected above the MDE action level in eight of the 14 Site monitoring wells since each well was installed. In two monitoring wells (MW-2 and MW-5), the reported concentration of MTBE has exceeded the MDE action level during the monitoring history; however, the reported concentrations of MTBE have remained below the MDE action level of 20 $\mu\text{g/L}$ for at least the past four quarters. A summary of groundwater monitoring and analytical data is presented in

the attached **Table 1** and the locations of the Site monitoring wells, as well as the most recent analytical results, are included as **Figure 1**.

Given the current Site Conceptual Model, as presented in the June 2013 *Supplemental Investigation Report* in which the transport mechanisms of dissolved phase hydrocarbons at the Site are described, Kleinfelder, on behalf of Southside, recommends reducing the frequency of groundwater sampling of the monitoring wells with reported concentrations of MTBE that are consistently below the MDE action level. A table summarizing the monitoring history and MTBE detections in the Site monitoring well network is presented below:

Monitoring Well	Date First Sampled	Most Recent MTBE Detection Above 20 µg/L	Proposed Sampling Schedule
BR-1	9/18/2013	9/18/2013 (59 µg/L)	Quarterly
MW-1	3/17/2006	No Detections above 20 µg/L	Annually
MW-2	8/15/2005	3/27/2012 (26 µg/L)	Annually
MW-3	8/15/2005	No Detections above 20 µg/L	Annually
MW-4	6/7/2007	12/12/2013 (280 µg/L)	Quarterly
MW-5	6/7/2007	11/17/2012 (38 µg/L)	Annually
MW-6	9/5/2009	12/12/2013 (200 µg/L)	Quarterly
MW-7	9/5/2009	No Detections above 20 µg/L	Annually
MW-8	9/5/2009	No Detections above 20 µg/L	Annually
MW-9	9/5/2009	No Detections above 20 µg/L	Annually
MW-10D	9/10/2011	12/12/2013 (37 µg/L)	Quarterly
MW-12	9/10/2011	No Detections above 20 µg/L	Quarterly
MW-13	4/5/2013	No Detections above 20 µg/L	Quarterly
MW-14	4/5/2013	No Detections above 20 µg/L	Quarterly

Based on the absence of dissolved phase hydrocarbons, it is recommended that monitoring wells MW-1, MW-2, MW-3, MW-5, MW-7, MW-8, and MW-9 are sampled on an annual. Downgradient monitoring wells MW-12, MW-13, and MW-14 will continue to be sampled quarterly. During the quarterly monitoring program, all monitoring wells will be gauged for depth to water measurements.

Additional constituents of concern at the Site include benzene, toluene, ethylbenzene, total xylenes, tertiary butyl alcohol, tertiary amyl methyl ether, di-isopropyl ether, and naphthalene. However, these constituents have not been detected in groundwater samples collected from the monitoring wells for which a reduced sampling schedule is proposed. These secondary COCs

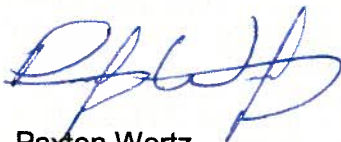
are included in the VOCs, including fuel oxygenates, laboratory analysis. The additional analysis of TPH-GRO and TPH-DRO is considered unwarranted at this time. In all monitoring wells for which these constituents are analyzed (MW-13 generally contains insufficient volume for these analyses), TPH-GRO and TPH-DRO concentrations have not exceeded 1 milligram per liter (mg/L) over the past eight quarters. Kleinfelder, on behalf of Southside, recommends removing the requirement of the analyses of TPH-GRO and TPH-GRO for all monitoring and tank field wells.

This work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. Our conclusions, opinions and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated.

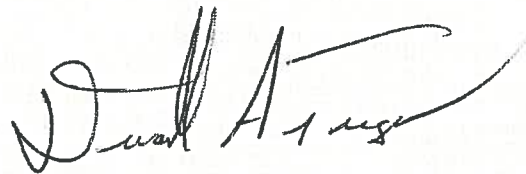
Kleinfelder makes no other representation, guarantee, or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

Southside and Kleinfelder appreciate the continued guidance of the MDE in this project. Please feel free to contact the undersigned at (410) 850-0404 if you have questions.

Sincerely,
Kleinfelder, Inc.



Paxton Wertz
Geologist












Donald A. Trego, QEP
Program Manager

Enclosures

cc: Mr. Marshall Hare – Southside Oil, LLC

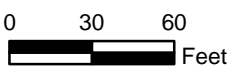
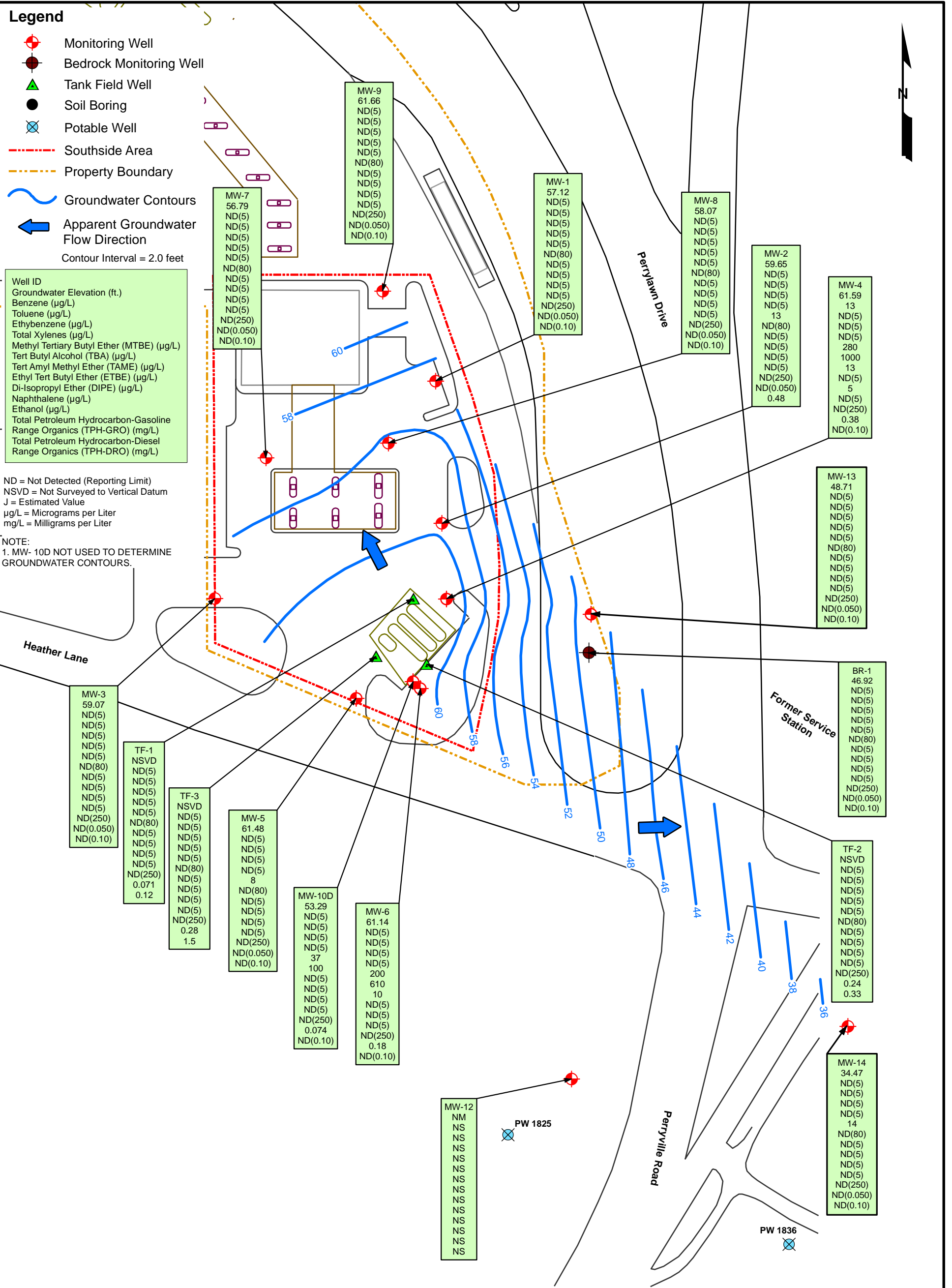
Legend

-  Monitoring Well
 -  Bedrock Monitoring Well
 -  Tank Field Well
 -  Soil Boring
 -  Potable Well
 -  Southside Area
 -  Property Boundary
 -  Groundwater Contours
 -  Apparent Groundwater Flow Direction
- Contour Interval = 2.0 feet

Well ID
Groundwater Elevation (ft.)
Benzene (µg/L)
Toluene (µg/L)
Ethylbenzene (µg/L)
Total Xylenes (µg/L)
Methyl Tertiary Butyl Ether (MTBE) (µg/L)
Tert Butyl Alcohol (TBA) (µg/L)
Tert Amyl Methyl Ether (TAME) (µg/L)
Ethyl Tert Butyl Ether (ETBE) (µg/L)
Di-Isopropyl Ether (DIPE) (µg/L)
Naphthalene (µg/L)
Ethanol (µg/L)
Total Petroleum Hydrocarbon-Gasoline Range Organics (TPH-GRO) (mg/L)
Total Petroleum Hydrocarbon-Diesel Range Organics (TPH-DRO) (mg/L)

ND = Not Detected (Reporting Limit)
 NSVD = Not Surveyed to Vertical Datum
 J = Estimated Value
 µg/L = Micrograms per Liter
 mg/L = Milligrams per Liter

NOTE:
 1. MW- 10D NOT USED TO DETERMINE GROUNDWATER CONTOURS.



The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfelder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.



KLEINFELDER
 Bright People. Right Solutions.
 www.kleinfelder.com

PROJECT NO.	113847
DRAWN:	1/20/14
DRAWN BY:	JR
CHECKED BY:	PW
FILE NAME:	20025 HD MAP.mxd

**HYDROCARBON DISTRIBUTION/
 GROUNDWATER CONTOUR MAP
 DECEMBER 12, 2013**

SOUTHSIDE FACILITY # 20025
 31 HEATHER LANE
 PERRYVILLE, CECIL COUNTY, MARYLAND

FIGURE
1

Table 1
Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 12, 2013

Sample ID	Date	Gauging Data					Analytical Data														Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)			
BR-1	09/18/2013	83.23	36.92	ND	ND	46.31	ND(5)	ND(5)	ND(5)	ND(5)	BRL	59	120	ND(5)	ND(5)	ND(5)	ND(5)	0.64	0.064			
	12/12/2013	83.23	36.31	ND	ND	46.92	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)			
MW-1	08/15/2005	89.87	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
	03/17/2006	89.87	32.55	ND	ND	57.32	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)		
	08/16/2006	89.87	33.13	ND	ND	56.74	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	ND(0.20)		
	02/28/2007	89.87	32.20	ND	ND	57.67	2.9	0.62	29.2	59.4	92.1	0.38	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	4.8	0.231	0.424		
	06/07/2007	89.87	31.95	ND	ND	57.92	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.86 J	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)		
	10/02/2007	89.87	33.18	ND	ND	56.69	2.8	0.39 J	18.8	19.8	41.8 J	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	6.7	ND(0.10)	ND(0.20)		
	03/27/2008	89.87	33.16	ND	ND	56.71	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	ND(0.20)		
	09/24/2008	89.87	33.22	ND	ND	56.65	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(1.0)	ND(0.20)		
	03/23/2009	89.87	33.92	ND	ND	55.95	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	ND(0.20)		
	09/05/2009	89.87	33.19	ND	ND	56.68	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.220	ND(0.20)		
	01/26/2010	89.87	32.04	ND	ND	57.83	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)		
	10/07/2010	89.87	32.11	ND	ND	57.76	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.11	ND(0.05)	
	04/14/2011	89.87	32.46	ND	ND	57.41	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)		
	09/10/2011	89.87	32.87	ND	ND	57.00	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.36	ND(0.050)	
	12/08/2011	89.87	32.12	ND	ND	57.75	ND(25)	ND(25)	ND(25)	ND(25)	BRL	ND(25)	ND(400)	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	2.4	ND(0.25)		
	03/27/2012	89.87	32.33	ND	ND	57.54	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.30	ND(0.050)		
	06/11/2012	89.87	33.02	ND	ND	56.85	ND(5)	ND(5)	6	38	44	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	55	NA	0.48		
	08/29/2012	89.87	33.47	ND	ND	56.40	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)		
	11/17/2012	89.87	33.62	ND	ND	56.25	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)		
	04/05/2013	89.87	33.81	ND	ND	56.06	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)		
06/21/2013	89.87	33.57	ND	ND	56.30	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.094)	ND(0.050)			
09/18/2013	89.87	32.51	ND	ND	57.36	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)			
12/12/2013	89.87	32.75	ND	ND	57.12	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)			

Table 1 (Continued)
Groundwater Monitoring & Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through December 12, 2013

Sample ID	Date	Gauging Data					Analytical Data													Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)		
MW-2	08/15/2005	86.17	27.09	ND	ND	59.08	ND	ND	ND	ND	BRL	880	NA	NA	NA	NA	NA	NA	NA		
	03/17/2006	86.17	26.45	ND	ND	59.72	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	528	ND(25)	27.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	0.560	
	08/16/2006	86.17	27.12	ND	ND	59.05	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	12.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	
	02/28/2007	86.17	26.82	ND	ND	59.35	6.7	1.2	54.1	120	182	33.0	ND(25)	1.3	ND(5.0)	ND(5.0)	8.8	0.320	0.878		
	06/07/2007	86.17	28.91	ND	ND	57.26	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	14.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.219	ND(0.20)		
	10/02/2007	86.17	27.23	ND	ND	58.94	1.2	0.22 J	8.4	9.3	19.1 J	13.1	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	3.1 J	ND(0.10)	ND(0.20)		
	03/27/2008	86.17	26.59	ND	ND	59.58	ND(1.0)	ND(1.0)	ND(1.0)	0.46	0.46	40.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.213	ND(0.20)		
	09/24/2008	86.17	27.12	ND	ND	59.05	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	
	03/23/2009	86.17	26.84	ND	ND	59.33	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	9.4	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.294	ND(0.20)		
	09/05/2009	86.17	26.91	ND	ND	59.26	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	4.9	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)		
	01/26/2010	86.17	26.73	ND	ND	59.44	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	7.4	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)		
	10/07/2010	86.17	26.80	ND	ND	59.37	ND(5)	ND(5)	ND(5)	ND(5)	BRL	20	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.23	ND(0.05)	
	04/14/2011	86.17	26.66	ND	ND	59.51	ND(5)	ND(5)	ND(5)	ND(5)	BRL	110	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.28	0.10	
	09/10/2011	86.17	26.86	ND	ND	59.31	ND(5)	ND(5)	ND(5)	ND(5)	BRL	39	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.13	ND(0.050)	
	12/08/2011	86.17	26.74	ND	ND	59.43	ND(5)	ND(5)	ND(5)	ND(5)	BRL	59	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(1.0)	0.062	
	03/27/2012	86.17	26.71	ND	ND	59.46	ND(5)	ND(5)	ND(5)	ND(5)	BRL	26	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.68	ND(0.050)	
	06/11/2012	86.17	26.81	ND	ND	59.36	ND(5)	ND(5)	ND(5)	ND(5)	BRL	17	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.53	ND(0.050)	
	08/29/2012	86.17	27.03	ND	ND	59.14	ND(5)	ND(5)	ND(5)	ND(5)	BRL	11	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	2.0	ND(0.050)	
	11/17/2012	86.17	27.01	ND	ND	59.16	ND(5)	ND(5)	ND(5)	ND(5)	BRL	17	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.33	ND(0.050)	
	04/05/2013	86.17	26.36	ND	ND	59.81	ND(5)	ND(5)	ND(5)	ND(5)	BRL	15	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.79	ND(0.050)	
06/21/2013	86.17	26.66	ND	ND	59.51	ND(5)	ND(5)	ND(5)	ND(5)	BRL	11	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.59	ND(0.050)		
09/18/2013	86.17	26.85	ND	ND	59.32	ND(5)	ND(5)	ND(5)	ND(5)	BRL	9	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.83	ND(0.050)		
12/12/2013	86.17	26.52	ND	ND	59.65	ND(5)	ND(5)	ND(5)	ND(5)	BRL	13	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.48	ND(0.050)		

Table 1 (Continued)
Groundwater Monitoring & Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through December 12, 2013

Sample ID	Date	Gauging Data					Analytical Data													Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)		
MW-3	08/15/2005	84.83	25.89	ND	ND	58.94	ND	ND	ND	ND	BRL	ND	NA	NA	NA	NA	NA	NA	NA		
	03/17/2006	84.83	27.15	ND	ND	57.68	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	
	08/16/2006	84.83	26.75	ND	ND	58.08	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.18)	ND(0.20)	
	02/28/2007	84.83	25.65	ND	ND	59.18	6.8	1.1	43.1	94.9	145.9	0.91 J	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	6.6	0.395	0.765		
	06/07/2007	84.83	25.49	ND	ND	59.34	0.87 J	ND(1.0)	9.3	13.7	23.9 J	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	1.5 J	ND(0.10)	ND(0.20)		
	10/02/2007	84.83	27.44	ND	ND	57.39	5.7	0.65	36.7	40.5	83.6	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	14.4	2.22	ND(0.20)		
	03/27/2008	84.83	27.69	ND	ND	57.14	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.219	ND(0.20)	
	09/24/2008	84.83	27.37	ND	ND	57.46	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	
	03/23/2009	84.83	29.06	ND	ND	55.77	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	
	09/05/2009	84.83	27.50	ND	ND	57.33	2.4	0.50	ND(1.0)	0.62	3.5	0.60	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	1.5	ND(0.10)	ND(0.20)		
	01/26/2010	84.83	24.26	ND	ND	60.57	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	
	10/07/2010	84.83	24.36	ND	ND	60.47	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.05)	
	04/14/2011	84.83	25.43	ND	ND	59.40	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	
	09/10/2011	84.83	24.25	ND	ND	60.58	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	1.1	ND(0.050)	
	12/08/2011	84.83	20.16	ND	ND	64.67	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(1.0)	ND(0.050)	
	03/27/2012	84.83	26.44	ND	ND	58.39	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.18	ND(0.050)	
	06/11/2012	84.83	22.05	ND	ND	62.78	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.21	ND(0.050)	
	08/29/2012	84.83	27.18	ND	ND	57.65	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.17	ND(0.050)	
	11/17/2012	84.83	27.99	ND	ND	56.84	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	
	04/05/2013	84.83	28.03	ND	ND	56.80	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.26	ND(0.050)	
06/21/2013	84.83	27.12	ND	ND	57.71	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.094)	ND(0.050)		
09/18/2013	84.83	25.88	ND	ND	58.95	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)		
12/12/2013	84.83	25.76	ND	ND	59.07	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)		

Table 1 (Continued)
Groundwater Monitoring & Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through December 12, 2013

Sample ID	Date	Gauging Data					Analytical Data													Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	
MW-4	06/07/2007	84.65	23.11	ND	ND	61.54	16.9	10.7	ND(20)	ND(20)	27.6	2640	7300	90.0	ND(100)	14.3	ND(100)	ND(0.10)	2.14	
	10/02/2007	84.65	23.89	ND	ND	60.76	27.3	9.1	3.2	9.0	48.6	3500	8570	117	3.8	17.5	ND(25)	ND(0.10)	4.51	
	03/27/2008	84.65	24.47	ND	ND	60.18	36.3	8.8	2.0	5.0	52.1	2760	6560	103	2.8	19.0	ND(5.0)	ND(0.10)	2.89	
	09/24/2008	84.65	23.71	ND	ND	60.94	30.1	4.9	3.1	10.8	48.9	2020	7520	74.0	4.6	16.8	ND(25)	ND(0.10)	3.53	
	03/23/2009	84.65	24.16	ND	ND	60.49	24.6	2.0	3.4	7.2	37.2	1870	6940	62.7	5.3	16.4	ND(13)	ND(0.10)	2.48	
	09/05/2009	84.65	24.07	ND	ND	60.58	31.2	0.99	5.0	9.6	46.8	1240	4920	44.6	5.0	16.8	ND(5.0)	ND(0.10)	1.73	
	01/26/2010	84.65	23.40	ND	ND	61.25	29.6	1.2	8.8	13.1	52.7	826	3890	32.9	5.2	17.8	ND(5.0)	ND(0.10)	1.20	
	10/07/2010	84.65	23.80	ND	ND	60.85	27	ND(5)	12	30	69	510	2300	25	ND(5)	14	ND(5)	0.31	0.68	
	04/14/2011	84.65	22.93	ND	ND	61.72	19	ND(5)	8	23	50	360	1500	17	ND(5)	10	ND(5)	0.25	0.60	
	09/10/2011	84.65	23.16	ND	ND	61.49	20	ND(5)	9	24	53	310	1200	16	ND(5)	11	ND(5)	ND(0.095)	0.55	
	12/08/2011	84.65	23.26	ND	ND	61.39	20	ND(5)	7	18	45	470	1700	23	ND(5)	10	ND(5)	ND(1.0)	0.70	
	03/27/2012	84.65	22.40	ND	ND	62.25	16	ND(5)	7	17	40	320	1000	17	ND(5)	9	ND(5)	0.37	0.51	
	06/11/2012	84.65	22.00	ND	ND	62.65	17	ND(5)	7	21	45	370	1300	17	ND(5)	8	ND(5)	0.24	0.48	
	08/29/2012	84.65	22.72	ND	ND	61.93	18	ND(5)	7	19	44	410	1500	19	ND(5)	8	ND(5)	0.21	0.71	
	11/17/2012	84.65	22.61	ND	ND	62.04	19	ND(5)	7	20	46	290	1100	16	ND(5)	8	ND(5)	0.20	0.42	
	04/05/2013	84.65	22.92	ND	ND	61.73	13	ND(5)	ND(5)	5	18	270	800	12	ND(5)	6	ND(5)	0.45	0.35	
	06/21/2013	84.65	22.52	ND	ND	62.13	14	ND(5)	ND(5)	7	21	280	1100	14	ND(5)	6	ND(5)	0.26	0.40	
09/18/2013	84.65	22.24	ND	ND	62.41	14	ND(5)	ND(5)	6	20	280	990	14	ND(5)	6	ND(5)	0.49	0.48		
12/12/2013	84.65	23.06	ND	ND	61.59	13	ND(5)	ND(5)	ND(5)	13	280	1000	13	ND(5)	5	ND(5)	ND(0.10)	0.38		

Table 1 (Continued)
Groundwater Monitoring & Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through December 12, 2013

Sample ID	Date	Gauging Data					Analytical Data													Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)		
MW-5	06/07/2007	80.81	18.50	ND	ND	62.31	0.52 J	ND(1.0)	9.0	12.5	22.0 J	86.3	ND(25)	1.3 J	ND(5.0)	ND(5.0)	1.6 J	ND(0.10)	ND(0.20)		
	10/02/2007	80.81	19.24	ND	ND	61.57	1.2	ND(1.0)	10.3	11.2	22.7	3.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	6.2	ND(0.10)	ND(0.20)		
	03/27/2008	80.81	19.62	ND	ND	61.19	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	5.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)		
	09/24/2008	80.81	19.10	ND	ND	61.71	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	24.6	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)		
	03/23/2009	80.81	20.02	ND	ND	60.79	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	3.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)		
	09/05/2009	80.81	19.01	ND	ND	61.80	0.81	ND(1.0)	ND(1.0)	0.36	1.17	1.7	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	1.7	ND(0.10)	ND(0.20)		
	01/26/2010	80.81	19.03	ND	ND	61.78	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	2.2	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)		
	10/07/2010	80.81	19.09	ND	ND	61.72	ND(5)	ND(5)	ND(5)	ND(5)	BRL	59	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	0.063	
	04/14/2011	80.81	18.80	ND	ND	62.01	ND(5)	ND(5)	ND(5)	ND(5)	BRL	8	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.15	ND(0.050)	
	09/10/2011	80.81	18.79	ND	ND	62.02	ND(5)	ND(5)	ND(5)	ND(5)	BRL	110	290	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	0.11	
	12/08/2011	80.81	18.91	ND	ND	61.90	ND(5)	ND(5)	ND(5)	ND(5)	BRL	51	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(1.0)	0.056	
	03/27/2012	80.81	18.62	ND	ND	62.19	ND(5)	ND(5)	ND(5)	ND(5)	BRL	49	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	0.054	
	06/11/2012	80.81	18.35	ND	ND	62.46	ND(5)	ND(5)	ND(5)	ND(5)	BRL	270	190	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	0.15	
	08/29/2012	80.81	18.32	ND	ND	62.49	ND(5)	ND(5)	ND(5)	ND(5)	BRL	38	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	
	11/17/2012	80.81	19.31	ND	ND	61.50	ND(5)	ND(5)	ND(5)	ND(5)	BRL	38	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	
	04/05/2013	80.81	19.52	ND	ND	61.29	ND(5)	ND(5)	ND(5)	ND(5)	BRL	10	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
	06/21/2013	80.81	19.05	ND	ND	61.76	ND(5)	ND(5)	ND(5)	ND(5)	BRL	10	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
09/18/2013	80.81	18.71	ND	ND	62.10	ND(5)	ND(5)	ND(5)	ND(5)	BRL	7	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)		
12/12/2013	80.81	19.33	ND	ND	61.48	ND(5)	ND(5)	ND(5)	ND(5)	BRL	8	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)		

Table 1 (Continued)
Groundwater Monitoring & Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through December 12, 2013

Sample ID	Date	Gauging Data					Analytical Data													Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph-thalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	
MW-6	09/05/2009	83.74	22.05	ND	ND	61.69	2.7	0.39	ND(1.0)	0.35	3.4	560	1220	13.7	ND(5.0)	1.1	ND(5.0)	ND(0.10)	0.730	
	01/26/2010	83.74	23.93	ND	ND	59.81	1.1	ND(1.0)	ND(1.0)	ND(1.0)	1.1	894	1930	29.3	ND(5.0)	2.7	ND(5.0)	ND(0.10)	0.888	
	10/07/2010	83.74	23.30	ND	ND	60.44	ND(5)	ND(5)	ND(5)	ND(5)	BRL	970	2400	32	ND(5)	ND(5)	ND(5)	ND(0.095)	0.73	
	04/14/2011	83.74	23.14	ND	ND	60.60	ND(10)	ND(10)	ND(10)	ND(10)	BRL	950	2600	45	ND(10)	ND(10)	ND(10)	ND(0.095)	1.0	
	09/10/2011	83.74	22.25	ND	ND	61.49	ND(5)	ND(5)	ND(5)	ND(5)	BRL	240	670	11	ND(5)	ND(5)	ND(5)	ND(1.0)	0.24	
	12/08/2011	83.74	22.15	ND	ND	61.59	ND(5)	ND(5)	ND(5)	ND(5)	BRL	340	1100	16	ND(5)	ND(5)	ND(5)	ND(1.0)	0.40	
	03/27/2012	83.74	21.84	ND	ND	61.90	ND(5)	ND(5)	ND(5)	ND(5)	BRL	360	990	18	ND(5)	ND(5)	ND(5)	ND(0.096)	0.35	
	06/11/2012	83.74	21.87	ND	ND	61.87	ND(5)	ND(5)	ND(5)	ND(5)	BRL	410	1300	22	ND(5)	ND(5)	ND(5)	ND(0.096)	0.34	
	08/29/2012	83.74	21.93	ND	ND	61.81	ND(5)	ND(5)	ND(5)	ND(5)	BRL	190	510	9	ND(5)	ND(5)	ND(5)	ND(0.095)	0.22	
	11/17/2012	83.74	22.55	ND	ND	61.19	ND(5)	ND(5)	ND(5)	ND(5)	BRL	190	550	9	ND(5)	ND(5)	ND(5)	ND(0.096)	0.16	
	04/05/2013	83.74	23.06	ND	ND	60.68	ND(5)	ND(5)	ND(5)	ND(5)	BRL	230	630	11	ND(5)	ND(5)	ND(5)	ND(0.095)	0.25	
	06/21/2013	83.74	22.19	ND	ND	61.55	ND(5)	ND(5)	ND(5)	ND(5)	BRL	220	790	13	ND(5)	ND(5)	ND(5)	ND(0.095)	0.24	
	09/18/2013	83.74	21.93	ND	ND	61.81	ND(5)	ND(5)	ND(5)	ND(5)	BRL	180	550	10	ND(5)	ND(5)	ND(5)	ND(0.096)	0.23	
12/12/2013	83.74	22.60	ND	ND	61.14	ND(5)	ND(5)	ND(5)	ND(5)	BRL	200	610	10	ND(5)	ND(5)	ND(5)	ND(0.10)	0.18		
MW-7	09/05/2009	87.56	38.47	ND	ND	49.09	2.1	0.42	ND(1.0)	0.44	3.0	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	1.5	0.246	ND(0.20)	
	01/26/2010	87.56	29.79	ND	ND	57.77	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	
	10/07/2010	87.56	28.33	ND	ND	59.23	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.14	ND(0.05)	
	04/14/2011	87.56	29.42	ND	ND	58.14	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
	09/10/2011	87.56	30.35	ND	ND	57.21	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.16	ND(0.050)	
	12/08/2011	87.56	29.75	ND	ND	57.81	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
	03/27/2012	87.56	30.07	ND	ND	57.49	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	
	06/11/2012	87.56	30.91	ND	ND	56.65	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.098)	ND(0.050)	
	08/29/2012	87.56	31.48	ND	ND	56.08	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
	11/17/2012	87.56	31.71	ND	ND	55.85	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
	04/05/2013	87.56	31.82	ND	ND	55.74	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	
	06/21/2013	87.56	31.35	ND	ND	56.21	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
	09/18/2013	87.56	30.05	ND	ND	57.51	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	
12/12/2013	87.56	30.77	ND	ND	56.79	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)		

Table 1 (Continued)
Groundwater Monitoring & Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through December 12, 2013

Sample ID	Date	Gauging Data					Analytical Data													Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)		
MW-8	09/05/2009	87.77	30.00	ND	ND	57.77	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.8	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	
	01/26/2010	87.77	29.39	ND	ND	58.38	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	1.7	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	
	10/07/2010	87.77	28.56	ND	ND	59.21	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.05)	
	04/14/2011	87.77	29.40	ND	ND	58.37	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	
	09/10/2011	87.77	29.58	ND	ND	58.19	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	
	12/08/2011	87.77	29.44	ND	ND	58.33	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
	03/27/2012	87.77	29.61	ND	ND	58.16	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
	06/11/2012	87.77	29.70	ND	ND	58.07	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	
	08/29/2012	87.77	29.77	ND	ND	58.00	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
	11/17/2012	87.77	29.81	ND	ND	57.96	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
	04/05/2013	87.77	30.13	ND	ND	57.64	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.13	ND(0.050)	
	06/21/2013	87.77	29.82	ND	ND	57.95	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
	09/18/2013	87.77	29.51	ND	ND	58.26	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	
12/12/2013	87.77	29.70	ND	ND	58.07	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)		

Table 1 (Continued)
Groundwater Monitoring & Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through December 12, 2013

Sample ID	Date	Gauging Data					Analytical Data													Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)		
MW-9	09/05/2009	89.05	30.63	ND	ND	58.42	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)		
	01/26/2010	89.05	27.48	ND	ND	61.57	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	BRL	0.66	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)		
	10/07/2010	89.05	27.56	ND	ND	61.49	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.094)	ND(0.05)		
	04/14/2011	89.05	26.93	ND	ND	62.12	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)		
	09/10/2011	89.05	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/29/2011	89.05	28.91	ND	ND	60.14	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)		
	12/08/2011	89.05	27.05	ND	ND	62.00	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)		
	03/27/2012	89.05	27.39	ND	ND	61.66	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)		
	06/11/2012	89.05	27.55	ND	ND	61.50	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)		
	08/29/2012	89.05	27.55	ND	ND	61.50	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)		
	11/17/2012	89.05	27.72	ND	ND	61.33	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)		
	04/05/2013	89.05	27.93	ND	ND	61.12	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.094)	ND(0.050)		
	06/21/2013	89.05	27.86	ND	ND	61.19	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.094)	ND(0.050)		
	09/18/2013	89.05	27.34	ND	ND	61.71	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)		
12/12/2013	89.05	27.39	ND	ND	61.66	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)			
MW-10D	09/10/2011	82.61	28.18	ND	ND	54.43	ND(5)	ND(5)	ND(5)	ND(5)	BRL	26	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	2.0	0.077		
	12/08/2011	82.61	26.77	ND	ND	55.84	ND(5)	ND(5)	ND(5)	ND(5)	BRL	75	230	ND(5)	ND(5)	ND(5)	ND(5)	2.1	0.084		
	03/27/2012	82.61	28.15	ND	ND	54.46	ND(5)	ND(5)	ND(5)	ND(5)	BRL	400	980	20	ND(5)	ND(5)	ND(5)	0.97	0.38		
	06/11/2012	82.61	28.69	ND	ND	53.92	ND(5)	ND(5)	ND(5)	ND(5)	BRL	140	350	6	ND(5)	ND(5)	ND(5)	0.13	0.080		
	08/29/2012	82.61	29.31	ND	ND	53.30	ND(5)	ND(5)	ND(5)	ND(5)	BRL	420	1300	21	ND(5)	ND(5)	ND(5)	0.26	0.57		
	11/17/2012	82.61	29.00	ND	ND	53.61	ND(5)	ND(5)	ND(5)	ND(5)	BRL	350	1300	18	ND(5)	ND(5)	ND(5)	ND(0.095)	0.33		
	04/05/2013	82.61	30.80	ND	ND	51.81	ND(5)	ND(5)	ND(5)	ND(5)	BRL	93	240	ND(5)	ND(5)	ND(5)	ND(5)	0.23	0.19		
	06/21/2013	82.61	30.30	ND	ND	52.31	ND(5)	ND(5)	ND(5)	ND(5)	BRL	320	1200	18	ND(5)	ND(5)	ND(5)	0.51	0.37		
	09/18/2013	82.61	29.32	ND	ND	53.29	ND(5)	ND(5)	ND(5)	ND(5)	BRL	270	880	14	ND(5)	ND(5)	ND(5)	0.18	0.26		
12/12/2013	82.61	29.32	ND	ND	53.29	ND(5)	ND(5)	ND(5)	ND(5)	BRL	37	100	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	0.074			

Table 1 (Continued)
Groundwater Monitoring & Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through December 12, 2013

Sample ID	Date	Gauging Data					Analytical Data														Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)		
MW-12	09/10/2011	70.57	30.52	ND	ND	40.05	ND(5)	ND(5)	ND(5)	ND(5)	BRL	6	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(1.0)	ND(0.050)	
	12/16/2011	70.57	30.77	ND	ND	39.80	ND(5)	ND(5)	ND(5)	ND(5)	BRL	6	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
	03/27/2012	70.57	30.76	ND	ND	39.81	ND(5)	ND(5)	ND(5)	ND(5)	BRL	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
	06/11/2012	70.57	30.97	ND	ND	39.60	ND(5)	ND(5)	ND(5)	ND(5)	BRL	6	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	
	08/29/2012	70.57	31.75	ND	ND	38.82	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
	11/17/2012	70.57	32.56	ND	ND	38.01	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	
	04/05/2013	70.57	33.02	ND	ND	37.55	ND(5)	ND(5)	ND(5)	ND(5)	BRL	7	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.40	ND(0.050)	
	06/21/2013	70.57	31.31	ND	ND	39.26	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.099)	ND(0.050)	
	09/18/2013	70.57	31.03	ND	ND	39.54	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	
	12/12/2013	70.57	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13	04/05/2013	85.54	37.45	ND	ND	48.09	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	
	06/21/2013	85.54	36.88	ND	ND	48.66	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	
	09/18/2013	85.54	36.56	ND	ND	48.98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/12/2013	85.54	36.83	ND	ND	48.71	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	
MW-14	04/05/2013	65.09	31.03	ND	ND	34.06	ND(5)	ND(5)	ND(5)	ND(5)	BRL	15	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.099)	ND(0.050)	
	06/21/2013	65.09	30.59	ND	ND	34.50	ND(5)	ND(5)	ND(5)	ND(5)	BRL	12	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.12	ND(0.050)	
	09/18/2013	65.09	30.31	ND	ND	34.78	ND(5)	ND(5)	ND(5)	ND(5)	BRL	16	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	
	12/12/2013	65.09	30.62	ND	ND	34.47	ND(5)	ND(5)	ND(5)	ND(5)	BRL	14	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	

Table 1 (Continued)
Groundwater Monitoring & Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through December 12, 2013

Sample ID	Date	Gauging Data					Analytical Data													Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)		
TF-1	03/30/2006	NSVD	4.77	ND	ND	NSVD	106	121	ND(10)	ND(10)	227	6900	1120	150	58.1	41.6 J	ND(50)	0.304	6.92		
	08/16/2006	NSVD	1.75	ND	ND	NSVD	323	222	10.8	33.8	590	10400	30300	66.3	64.7	26.6	ND(50)	3.09	8.98		
	02/28/2007	NSVD	2.28	ND	ND	NSVD	149	20.0	845	990	2004	3240	18400	ND(25)	ND(25)	34.8	191	6.82	19.8		
	06/07/2007	NSVD	2.71	ND	ND	NSVD	92.2	3.6	65.9	3.6	165.3	151	1410	9.0	ND(5.0)	27.2	ND(5.0)	1.84	2.04		
	10/02/2007	NSVD	3.16	ND	ND	NSVD	137	1.8	92.4	4.3	236	145	8080	ND(5.0)	12.6	29.2	7.2	1.03	1.80		
	03/27/2008	NSVD	2.47	ND	ND	NSVD	10.3	ND(1.0)	1.6	0.56	12.5	10.1	688	ND(5.0)	1.2	1.4	ND(5.0)	0.545	0.619		
	09/24/2008	NSVD	2.91	ND	ND	NSVD	14.5	0.65	4.1	9.3	28.6	8.9	294	ND(5.0)	0.54	1.3	10.1	1.06	2.17		
	03/23/2009	NSVD	2.85	ND	ND	NSVD	45.7	140	62.8	197	446	11.5	292	3.9	3.3	9.9	5.4	0.895	2.15		
	09/05/2009	NSVD	2.65	ND	ND	NSVD	0.73	ND(1.0)	ND(1.0)	0.34	1.07	12.1	181	2.0	2.2	10.2	ND(5.0)	0.474	0.298		
	01/26/2010	NSVD	2.52	ND	ND	NSVD	1.1	ND(1.0)	ND(1.0)	0.35	1.5	1.9	9.7	ND(5.0)	ND(5.0)	0.53	ND(5.0)	0.220	0.393		
	10/07/2010	NSVD	2.88	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.69	ND(0.05)	
	04/14/2011	NSVD	2.07	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	1.3	0.53	
	09/10/2011	NSVD	1.86	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	1.2	0.081	
	12/08/2011	NSVD	2.01	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.85	0.13	
	03/27/2012	NSVD	2.81	ND	ND	NSVD	18	22	9	11	60	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.76	0.15	
	06/11/2012	NSVD	2.55	ND	ND	NSVD	9	ND(5)	ND(5)	ND(5)	9	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	8.6	0.41	
	08/29/2012	NSVD	2.65	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.50	0.051	
	11/17/2012	NSVD	2.55	ND	ND	NSVD	6	6	ND(5)	ND(5)	12	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.28	0.16	
	04/05/2013	NSVD	2.25	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.65	ND(0.050)	
	06/21/2013	NSVD	1.97	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.39	ND(0.050)	
09/18/2013	NSVD	2.90	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.38	ND(0.050)		
12/12/2013	NSVD	1.96	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.12	0.071		

Table 1 (Continued)
Groundwater Monitoring & Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through December 12, 2013

Sample ID	Date	Gauging Data					Analytical Data													Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)		
TF-2	03/30/2006	NSVD	3.63	ND	ND	NSVD	46.2	ND(1.0)	ND(1.0)	ND(1.0)	46.2	10.1	3120	2.5 J	1.0 J	41.3	ND(5.0)	1.18	0.392		
	08/16/2006	NSVD	2.40	ND	ND	NSVD	207	909	708	3210	5034	28900	5660	146	44.1	ND(130)	168	3.15	28.6		
	02/28/2007	NSVD	1.14	ND	ND	NSVD	220	12.0	619	2120	2971	753	29000	10.7	51.5	20.7	135	3.43	16.7		
	06/07/2007	NSVD	1.55	ND	ND	NSVD	194	ND(10)	717	1130	2041	249	21600	ND(50)	37.4	50.9	175	4.49	13.5		
	10/02/2007	NSVD	1.99	ND	ND	NSVD	165	2.6	641	655	1464	29.1	21900	ND(25)	29.0	25.6	192	2.69	8.67		
	03/27/2008	NSVD	0.31	ND	ND	NSVD	75.5	1.8	218	334	629	40.4	4720	ND(5.0)	9.1	14.0	100	2.66	6.48		
	09/24/2008	NSVD	1.57	ND	ND	NSVD	48.9	7.4	73.1	222	351	18.1	541	ND(5.0)	1.6	8.0	87.6	1.34	4.89		
	03/23/2009	NSVD	1.45	ND	ND	NSVD	144	169	27.8	113	454	22.2	417	ND(5.0)	6.2	18.6	59.4	1.37	3.90		
	09/05/2009	NSVD	1.37	ND	ND	NSVD	173	12.2	3.5	13.0	202	19.2	594	ND(5.0)	6.3	20.1	60.5	1.21	2.35		
	01/26/2010	NSVD	1.16	ND	ND	NSVD	28.2	0.59	0.63	2.7	32.1	9.1	135	1.5	1.1	4.1	21.0	0.880	2.01		
	10/07/2010	NSVD	1.70	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.95	ND(0.05)	
	04/14/2011	NSVD	0.88	ND	ND	NSVD	6	ND(5)	ND(5)	ND(5)	6	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	2.3	0.47	
	09/10/2011	NSVD	0.32	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	2.3	0.56	
	12/08/2011	NSVD	0.70	ND	ND	NSVD	5	ND(5)	ND(5)	ND(5)	5	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	1.5	0.59	
	03/27/2012	NSVD	1.54	ND	ND	NSVD	8	ND(5)	ND(5)	ND(5)	8	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	1.5	0.58	
	06/11/2012	NSVD	1.33	ND	ND	NSVD	15	ND(5)	ND(5)	ND(5)	15	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	1.2	0.57	
	08/29/2012	NSVD	1.40	ND	ND	NSVD	16	ND(5)	ND(5)	ND(5)	16	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	1.8	0.56	
	11/17/2012	NSVD	1.30	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.52	0.36	
	04/05/2013	NSVD	1.00	ND	ND	NSVD	6	ND(5)	ND(5)	ND(5)	6	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	1.2	0.31	
	06/21/2013	NSVD	0.71	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.60	0.17	
09/18/2013	NSVD	1.35	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	9	9	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	1.1	0.38		
12/12/2013	NSVD	0.68	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.33	0.24		

Table 1 (Continued)
Groundwater Monitoring & Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through December 12, 2013

Sample ID	Date	Gauging Data					Analytical Data														Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)		
TF-3	03/30/2006	NSVD	4.84	ND	ND	NSVD	14.3	0.81 J	0.61 J	8.9	24.6 J	173	2110	9.5	2.6 J	14.6	ND(5.0)	2.44	0.652		
	08/16/2006	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/28/2007	NSVD	0.92	ND	ND	NSVD	257	19.8	568	1820	2665	778	27700	ND(25)	ND(25)	8.4 J	98.8	9.42	11.8		
	06/07/2007	NSVD	0.42	ND	ND	NSVD	173	13.8	444	794	1425	423	23600	ND(13)	34.1	7.5	110	4.82	6.15		
	10/02/2007	NSVD	1.51	ND	ND	NSVD	97.9	3.6	48.0	157	307	17.5	12400	ND(5.0)	14.0	4.9 J	157	2.71	2.77		
	03/27/2008	NSVD	0.27	ND	ND	NSVD	41.1	6.7	9.3	254	311	60.1	3270	ND(5.0)	5.4	3.6	89.2	30.7	1.65		
	09/24/2008	NSVD	0.96	ND	ND	NSVD	23.4	2.0	1.2	17.7	44.3	12.2	1040	ND(5.0)	1.7	4.0	88.6	1.56	0.727		
	03/23/2009	NSVD	0.77	ND	ND	NSVD	48.7	25.5	7.2	42.1	123.5	21.7	547	3.2 J	2.8 J	7.4	53.7	21.3	0.994		
	09/05/2009	NSVD	1.00	ND	ND	NSVD	106	16.3	1.5	24.9	149	33.0	647	3.3	5.1	16.7	62.5	3.11	1.25		
	01/26/2010	NSVD	0.40	ND	ND	NSVD	23.5	2.7	2.3	9.0	37.5	12.4	161	1.1 J	0.62 J	2.1 J	22.3	0.869	1.55		
	10/07/2010	NSVD	1.04	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	2.1	ND(0.05)		
	04/14/2011	NSVD	0.67	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.7	0.46		
	09/10/2011	NSVD	0.02	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	14	0.059		
	12/08/2011	NSVD	0.80	ND	ND	NSVD	21	ND(5)	ND(5)	ND(5)	21	7	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	4.6	0.20		
	03/27/2012	NSVD	0.98	ND	ND	NSVD	ND(50)	ND(50)	ND(50)	86	86	ND(50)	ND(800)	ND(50)	ND(50)	ND(50)	ND(50)	12	1.3		
	06/11/2012	NSVD	1.17	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.59	ND(0.050)		
	08/29/2012	NSVD	0.95	ND	ND	NSVD	16	6	ND(5)	ND(5)	22	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	3.0	0.23		
	11/17/2012	NSVD	0.63	ND	ND	NSVD	11	ND(5)	ND(5)	7	18	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	29	0.29		
04/05/2013	NSVD	0.90	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	30	30	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	18	0.32			
06/21/2013	NSVD	0.26	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	36	36	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	35	0.29			
09/18/2013	NSVD	0.40	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	3.4	0.30			
12/12/2013	NSVD	0.92	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	BRL	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.5	0.28			
803 Perryville Road	08/29/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA		
1812 Perryville Rd	08/29/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA		
1825 Perryville Rd	10/05/2010	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	24	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA		

Table 1 (Continued)
Groundwater Monitoring & Analytical Data

Southside Facility #20025

31 Heather Lane

Perryville, Maryland

August 15, 2005 through December 12, 2013

Sample ID	Date	Gauging Data					Analytical Data													Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph-thalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	
1825 Perryville PI	07/07/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	24	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	12/16/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	24	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	03/27/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	18	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	06/05/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	18	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	09/10/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	18	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	09/18/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	15	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
825 Perryville PM	07/07/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	12/16/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	03/27/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	06/05/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	09/10/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	09/18/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
1825 Perryville PE	07/07/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	12/16/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	03/27/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	06/05/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	09/10/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	09/18/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	

Table 1 (Continued)
Groundwater Monitoring & Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through December 12, 2013

Sample ID	Date	Gauging Data					Analytical Data													Comments		
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)			
1836 Perryville Rd	04/14/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	6.8	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA		
	07/07/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	6.1	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	12/16/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	6.3	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	03/28/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	6.2	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	06/05/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.4	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	09/10/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.8	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	12/14/2012	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.0	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	03/20/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.6	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	06/21/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.0	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
	08/29/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.3	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA	
12/12/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.7	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA		
7 Patterson Ave	04/14/2011	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA		
	09/18/2013	NM	NM	NM	NM	NM	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	NA	NA		

Table 1 (Continued)
Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 12, 2013

Notes:

µg/L - micrograms per liter (µg/L)
BRL - Below laboratory reporting limits
BTEX - Benzene, toluene, ethylbenzene, and total xylenes
DIPE - Di-Isopropyl Ether
DRO - Diesel Range Organics
ETBE - Ethyl Tertiary Butyl Ether
GRO - Gasoline Range Organics
GW - Groundwater
J - Indicates an estimated value
mg/L - milligram per liter (mg/L)
MTBE - Methyl Tert Butyl Ether
NA - Not analyzed
ND - Not detected
ND(5.0) - Not detected at or above the laboratory reporting limit, laboratory reporting limit included.
NM - Not monitored
NS - Not sampled
NSVD - Not surveyed to vertical datum
TAME - Tertiary Amyl Methyl Ether
TBA - Tertiary Butyl Alcohol
TPH - Total Petroleum Hydrocarbons