VIA US MAIL

August 10, 2022
Kleinfelder Project No.: 00113847.001A

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

SUBJECT: **SECOND QUARTER 2022 GROUNDWATER MONITORING REPORT**
Southside Oil Facility #20025
31 Heather Lane
Perryville, Cecil County, Maryland
MDE Case No. 2006-0489-CE

Dear Ms. Bull:

Enclosed for your review is the Second Quarter 2022 Groundwater Monitoring Report for the above referenced site.

Southside and Kleinfelder appreciate the continued guidance of the MDE in the successful completion of this project. Please feel free to contact us at 410.850.0404 if you have questions.

Sincerely,

KLEINFELDER

Shawn Dawley
Geologist

Timothy Boswell, PG
Geologist

Enclosure

cc: Ms. Rhonda Giovannitti – Sunoco Inc. (ENFOS)
Ms. Sarah Riffe – Sarah.Riffe@nnnreit.com

KLEINFELDER 1745 Dorsey Road, Suite J, Hanover, MD 21076 p | 410.850.0404 f | 410.850.0049

SECOND QUARTER 2022
GROUNDWATER MONITORING REPORT

Southside Oil Facility #20025
31 Heather Lane
Perryville, Cecil County, Maryland

REGULATORY INFORMATION

Regulatory Agency:	Maryland Department of the Environment (MDE)
MDE Case No.:	2006-0489-CE
Agency Contact:	Ms. Susan Bull
Current Case Status:	Quarterly groundwater and potable well sampling, and reporting
Reporting Period:	April 1 through June 30, 2022
Last Report:	First Quarter Groundwater Monitoring Report, April 29, 2022

GENERAL SITE INFORMATION

Southside Oil Contact:	Ms. Rhonda Giovannitti
Consultant Contact:	Mr. Mark Steele
Area Property Use:	See Local Area Map (**Figure 1**)
Facility Status:	Active branded Exxon service station. Ownership and operation of the UST system was transferred from Exxon Mobil Corporation (ExxonMobil) to Southside Oil, LLC (Southside) on August 25, 2010.
Monitoring Wells:	MW-1 through MW-10D, MW-13, MW-14, and BR-1
Tank Field Wells:	TF-1 through TF-3
Site Geology:	Clays, silts, and sand
Groundwater Flow Direction:	Varied

ACTIVITIES COMPLETED THIS PERIOD

June 8, 2022 – Groundwater Gauging/Sampling

Wells Gauged and Sampled:	MW-2, MW-4, MW-5, MW-6, MW-10D, MW-13, MW-14, BR-1, and TF-1 through TF-3
Wells Gauged Only:	MW-1, MW-3, MW-7, MW-8, and MW-9
Liquid Phase Hydrocarbon:	None detected

KLEINFELDER 1745 Dorsey Road, Suite J, Hanover, MD 21076 p | 410.850.0404 f | 410.850.0049

Min./Max. Depth to Water (Monitoring Wells):	19.18 feet (MW-5) / 36.48 feet (MW-13)
Hydraulic Gradient:	0.064 feet / feet between MW-6 and MW-14
Groundwater Flow Direction:	Southeast

Groundwater samples were collected from the monitoring well and tank field well network on June 8, 2022, per the MDE approved sampling schedule. The monitoring wells were sampled via dedicated and disposable sampling equipment following a three-volume purge. The samples were submitted to Eurofins Lancaster Laboratories (Eurofins) for analysis of full list volatile organic compounds (VOCs), ethanol and fuel oxygenates using Environmental Protection Agency (EPA) Method 8260B. Per MDE's Monitoring Reduction Approval letter dated April 7, 2021, select samples were submitted for total petroleum hydrocarbon – diesel range organics (TPH-DRO) using EPA Method 8015B. Monitoring and tank field well gauging data and groundwater analytical data are summarized in **Table 1** and depicted on **Figure 2**. The Eurofins Analysis Report is included as **Appendix A**.

June 8, 2022 – Potable Well Access

Due to the COVID-19 surge, sampling of the potable well at 1836 Perryville Road, which requires entrance to the residence, was not attempted on June 8, 2022. The results of previous potable well sampling data are summarized in **Table 2**.

ACTIVITIES PLANNED FOR NEXT PERIOD (THIRD QUARTER 2022)

Activities planned include groundwater sampling of select monitoring wells and tank field wells. Kleinfelder will coordinate with the tenant of 1836 Perryville Road to sample the potable well. The results will be submitted in a quarterly monitoring report.

LIMITATIONS

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.

FIGURES

1 Local Area Map with Potable Well Sample Locations

2 Hydrocarbon Distribution/Groundwater Contour Map (June 8, 2022)

TABLES

1 Groundwater Monitoring and Analytical Data

2 Potable Well Analytical Data

APPENDIX

A Eurofins Analysis Report

Sincerely,

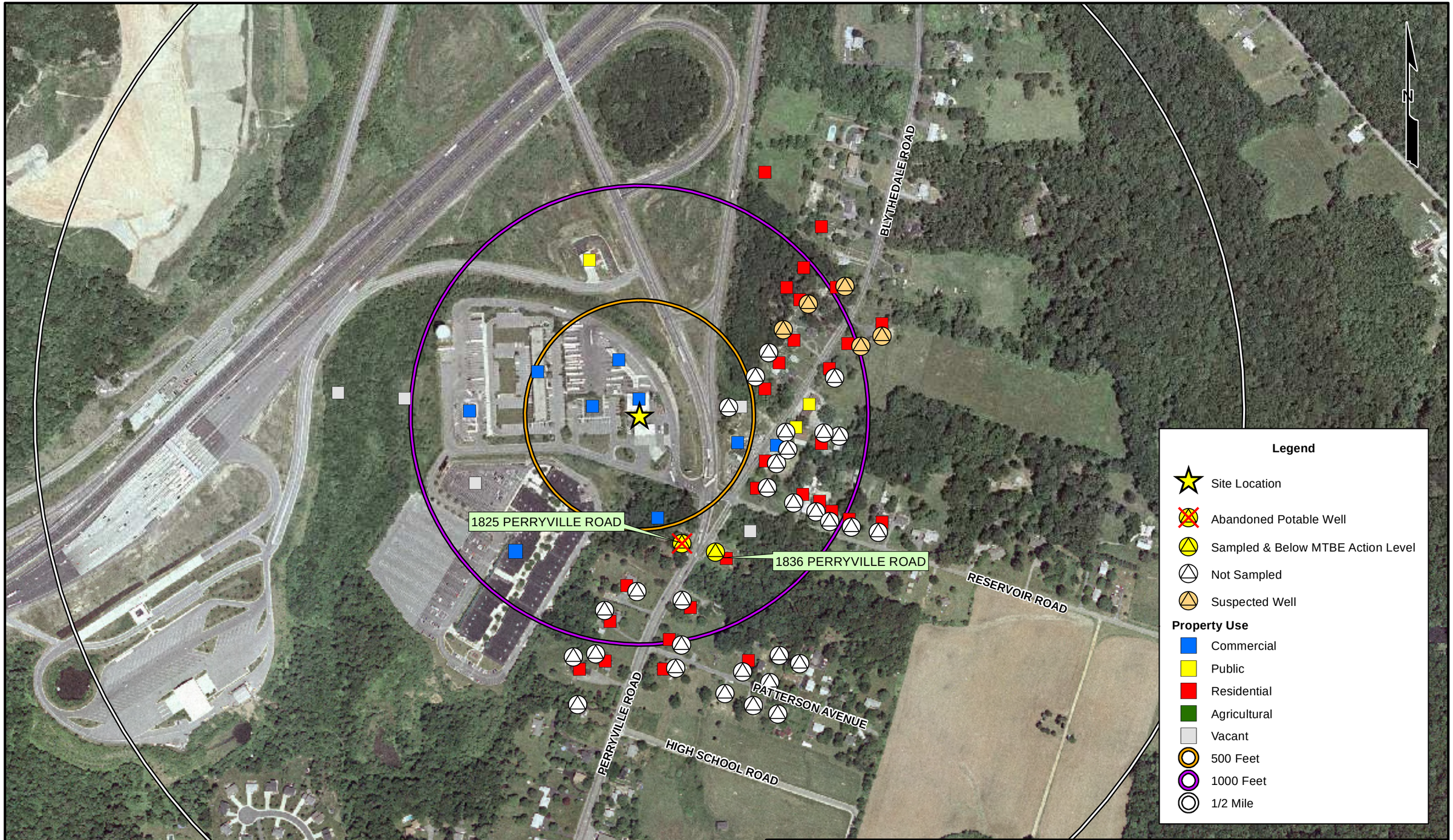
KLEINFELDER

Shawn Dawley
Geologist

Timothy Boswell, PG
Geologist

KLEINFELDER 1745 Dorsey Road, Suite J, Hanover, MD 21076 p | 410.850.0404 f | 410.850.0049

FIGURES



400 200 0 400 Feet

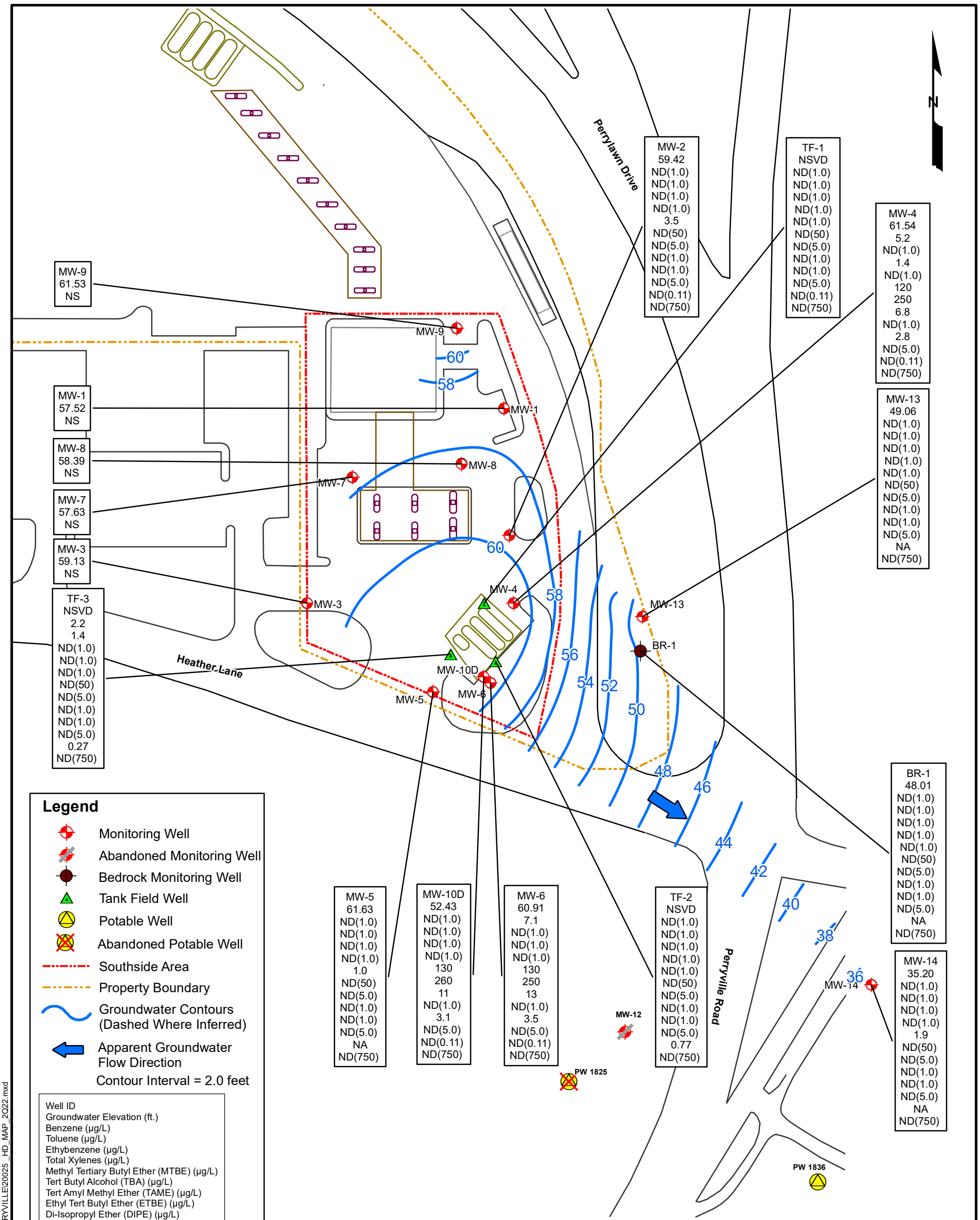
KLEINFELDER
Bright People. Right Solutions.
www.kleinfelder.com

PROJECT NO.	113847
DRAWN:	7/12/18
DRAWN BY:	JR
CHECKED BY:	EM
FILE NAME:	20025 LAM_PW SAMPLE LOC.mxd

LOCAL AREA MAP WITH POTABLE WELL SAMPLE LOCATIONS

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

FIGURE
1



Legend

- Monitoring Well
- Abandoned Monitoring Well
- Bedrock Monitoring Well
- Tank Field Well
- Potable Well
- Abandoned Potable Well
- Southside Area
- Property Boundary
- Groundwater Contours (Dashed Where Inferred)
- Apparent Groundwater Flow Direction

Contour Interval = 2.0 feet

Well ID
Groundwater Elevation (ft.)
Benzene (µg/L)
Toluene (µg/L)
Ethybenzene (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)
Total Petroleum Hydrocarbon-Diesel Range Organics (TPH-DRO) (mg/L)
Ethanol (µg/L)

ND = Not Detected (Reporting Limit)
NSVD = Not Surveyed to Vertical Datum
µg/L = Micrograms per Liter
mg/L = Milligrams per Liter
NS = Not Sampled
NA = Not Analyzed
NOTE:
1. MW- 10D AND BR-1 WERE NOT USED TO DETERMINE GROUNDWATER CONTOURS.

0 40 80
Feet

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

PROJECT NO.	113847
DRAWN:	8/2/2022
DRAWN BY:	SD
CHECKED BY:	TB
FILE NAME:	20025 _HD_MAP_2Q22.mxd

HYDROCARBON DISTRIBUTION/ GROUNDWATER CONTOUR MAP JUNE 8, 2022

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

FIGURE
2

\\azrgisstorp01\GIS_Projects\Local_Server_Transfers\Islandia\0507603 - 2-0025 PERRYVILLE\20025 _HD_MAP_2Q22.mxd

TABLES

Table 1

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
BR-1	9/18/2013	83.23	36.92	ND	ND	46.31	ND(5)	ND(5)	ND(5)	ND(5)	59	120	ND(5)	ND(5)	ND(5)	ND(5)	0.64	0.064	ND(250)	
	12/12/2013	83.23	36.31	ND	ND	46.92	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	3/20/2014	83.23	35.77	ND	ND	47.46	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	6/30/2014	83.23	35.41	ND	ND	47.82	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	9/22/2014	83.23	35.69	ND	ND	47.54	1	ND(1)	ND(1)	ND(1)	230	660	11	ND(1)	2	ND(5)	ND(0.10)	NA	ND(250)	*
	10/15/2014	83.23	35.79	ND	ND	47.44	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA	NA	
	12/8/2014	83.23	35.90	ND	ND	47.33	ND(1)	ND(1)	ND(1)	ND(1)	10	24	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/24/2015	83.23	35.95	ND	ND	47.28	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/24/2015	83.23	35.71	ND	ND	47.52	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/31/2015	83.23	35.55	ND	ND	47.68	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	12/21/2015	83.23	35.82	ND	ND	47.41	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/8/2016	83.23	35.45	ND	ND	47.78	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/9/2016	83.23	35.63	ND	ND	47.60	ND(1)	ND(1)	ND(1)	ND(1)	12	30	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/30/2016	83.23	35.98	ND	ND	47.25	ND(1)	ND(1)	ND(1)	ND(1)	18	47	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	11/29/2016	83.23	36.30	ND	ND	46.93	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/7/2017	83.23	36.32	ND	ND	46.91	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/19/2017	83.23	36.34	ND	ND	46.89	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	NA	
	8/21/2017	83.23	36.61	ND	ND	46.62	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	11/15/2017	83.23	36.01	ND	ND	47.22	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	2/20/2018	83.23	35.79	ND	ND	47.44	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	5/30/2018	83.23	35.70	ND	ND	47.53	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/20/2018	83.23	35.32	ND	ND	47.91	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	11/7/2018	83.23	32.07	ND	ND	51.16	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/5/2019	83.23	31.72	ND	ND	51.51	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	5/14/2019	83.23	31.66	ND	ND	51.57	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	9/11/2019	83.23	35.26	ND	ND	47.97	ND(1)	ND(1)	ND(1)	ND(5)	110	310	3	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	10/10/2019	83.23	35.89	ND	ND	47.34	ND(0.50)	ND(0.75)	ND(0.50)	ND(1.0)	58	NA	NA	NA	NA	NA	NA	NA	NA	
	12/11/2019	83.23	32.32	ND	ND	50.91	ND(1)	ND(1)	ND(1)	ND(3)	25	62	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	**Date**	**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)**	**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)**	**Ethanol (µg/L)**	**Comments**
BR-1	2/18/2020	83.23	36.01	ND	ND	47.22	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	5/28/2020	83.23	35.41	ND	ND	47.82	ND(1)	ND(1)	ND(1)	ND(5)	15	46	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	9/2/2020	83.23	35.48	ND	ND	47.75	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	8.9	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	12/30/2020	83.23	36.26	ND	ND	46.97	ND(1.0)	6.2	1.1	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	83.23	35.91	ND	ND	47.32	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	3.3	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.12)	NA	ND(750)	
	6/3/2021	83.23	34.98	ND	ND	48.25	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.8	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	
	9/24/2021	83.23	34.04	ND	ND	49.19	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	7.0	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	
	12/9/2021	83.23	35.55	ND	ND	47.68	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	20	86	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/15/2022	83.23	35.22	ND	ND	48.01	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	
	6/8/2022	83.23	35.22	ND	ND	48.01	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	**Date**	**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)**	**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)**	**Ethanol (µg/L)**	**Comments**
MW-1	8/15/2005	89.87	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/17/2006	89.87	32.55	ND	ND	57.32	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	8/16/2006	89.87	33.13	ND	ND	56.74	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	ND(0.20)	NA	
	2/28/2007	89.87	32.20	ND	ND	57.67	2.9	0.62	29.2	59.4	0.38	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	4.8	0.231	0.424	NA	
	6/7/2007	89.87	31.95	ND	ND	57.92	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.86 J	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	10/2/2007	89.87	33.18	ND	ND	56.69	2.8	0.39 J	18.8	19.8	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	6.7	ND(0.10)	ND(0.20)	NA	
	3/27/2008	89.87	33.16	ND	ND	56.71	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	ND(0.20)	NA	
	9/24/2008	89.87	33.22	ND	ND	56.65	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(1.0)	ND(0.20)	NA	
	3/23/2009	89.87	33.92	ND	ND	55.95	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	ND(0.20)	NA	
	9/5/2009	89.87	33.19	ND	ND	56.68	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.220	ND(0.20)	NA	
	1/26/2010	89.87	32.04	ND	ND	57.83	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	10/7/2010	89.87	32.11	ND	ND	57.76	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.11	ND(0.05)	NA	
	4/14/2011	89.87	32.46	ND	ND	57.41	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	9/10/2011	89.87	32.87	ND	ND	57.00	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.36	ND(0.050)	NA	
	12/8/2011	89.87	32.12	ND	ND	57.75	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	ND(400)	ND(25)	ND(25)	ND(25)	ND(25)	2.4	ND(0.25)	NA	
	3/27/2012	89.87	32.33	ND	ND	57.54	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.30	ND(0.050)	NA	
	6/11/2012	89.87	33.02	ND	ND	56.85	ND(5)	ND(5)	6	38	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	55	NA	0.48	NA	
	8/29/2012	89.87	33.47	ND	ND	56.40	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	11/17/2012	89.87	33.62	ND	ND	56.25	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	4/5/2013	89.87	33.81	ND	ND	56.06	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	6/21/2013	89.87	33.57	ND	ND	56.30	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.094)	ND(0.050)	ND(250)	
	9/18/2013	89.87	32.51	ND	ND	57.36	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	12/12/2013	89.87	32.75	ND	ND	57.12	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	3/20/2014	89.87	32.03	ND	ND	57.84	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	9900	
	4/18/2014	89.87	32.51	ND	ND	57.36	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA	ND(250)	
	6/30/2014	89.87	32.03	ND	ND	57.84	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	9/22/2014	89.87	32.17	ND	ND	57.70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2014	89.87	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-1	3/24/2015	89.87	32.46	ND	ND	57.41	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/24/2015	89.87	32.27	ND	ND	57.60	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/31/2015	89.87	32.22	ND	ND	57.65	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/21/2015	89.87	32.69	ND	ND	57.18	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/8/2016	89.87	32.39	ND	ND	57.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/9/2016	89.87	32.43	ND	ND	57.44	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/30/2016	89.87	33.07	ND	ND	56.80	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/29/2016	89.87	33.31	ND	ND	56.56	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/7/2017	89.87	33.76	ND	ND	56.11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/19/2017	89.87	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/21/2017	89.87	33.27	ND	ND	56.60	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/15/2017	89.87	31.90	ND	ND	57.97	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	2/20/2018	89.87	32.68	ND	ND	57.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/30/2018	89.87	32.35	ND	ND	57.52	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/20/2018	89.87	31.92	ND	ND	57.95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2018	89.87	31.53	ND	ND	58.34	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/5/2019	89.87	31.17	ND	ND	58.70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/14/2019	89.87	31.10	ND	ND	58.77	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/11/2019	89.87	31.93	ND	ND	57.94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/11/2019	89.87	31.83	ND	ND	58.04	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/18/2020	89.87	32.17	ND	ND	57.70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/28/2020	89.87	31.88	ND	ND	57.99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2020	89.87	31.80	ND	ND	58.07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2020	89.87	31.35	ND	ND	58.52	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	89.87	31.76	ND	ND	58.11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/3/2021	89.87	31.60	ND	ND	58.27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/24/2021	89.87	31.94	ND	ND	57.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2021	89.87	32.11	ND	ND	57.76	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.54	NA	ND(750)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	**Date**	**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)**	**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)**	**Ethanol (µg/L)**	**Comments**
MW-1	3/15/2022	89.87	32.49	ND	ND	57.38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/8/2022	89.87	32.35	ND	ND	57.52	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	**Date**	**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)**	**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)**	**Ethanol (µg/L)**	**Comments**
MW-2	8/15/2005	86.17	27.09	ND	ND	59.08	ND	ND	ND	ND	880	NA	NA	NA	NA	NA	NA	NA	NA	
	3/17/2006	86.17	26.45	ND	ND	59.72	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	528	ND(25)	27.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	0.560	NA	
	8/16/2006	86.17	27.12	ND	ND	59.05	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	12.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	2/28/2007	86.17	26.82	ND	ND	59.35	6.7	1.2	54.1	120	33.0	ND(25)	1.3	ND(5.0)	ND(5.0)	8.8	0.320	0.878	NA	
	6/7/2007	86.17	28.91	ND	ND	57.26	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	14.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.219	ND(0.20)	NA	
	10/2/2007	86.17	27.23	ND	ND	58.94	1.2	0.22 J	8.4	9.3	13.1	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	3.1 J	ND(0.10)	ND(0.20)	NA	
	3/27/2008	86.17	26.59	ND	ND	59.58	ND(1.0)	ND(1.0)	ND(1.0)	0.46	40.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.213	ND(0.20)	NA	
	9/24/2008	86.17	27.12	ND	ND	59.05	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	7.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	3/23/2009	86.17	26.84	ND	ND	59.33	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	9.4	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.294	ND(0.20)	NA	
	9/5/2009	86.17	26.91	ND	ND	59.26	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	4.9	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	1/26/2010	86.17	26.73	ND	ND	59.44	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	7.4	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	10/7/2010	86.17	26.80	ND	ND	59.37	ND(5)	ND(5)	ND(5)	ND(5)	20	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.23	ND(0.05)	NA	
	4/14/2011	86.17	26.66	ND	ND	59.51	ND(5)	ND(5)	ND(5)	ND(5)	110	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.28	0.10	NA	
	9/10/2011	86.17	26.86	ND	ND	59.31	ND(5)	ND(5)	ND(5)	ND(5)	39	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.13	ND(0.050)	NA	
	12/8/2011	86.17	26.74	ND	ND	59.43	ND(5)	ND(5)	ND(5)	ND(5)	59	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(1.0)	0.062	NA	
	3/27/2012	86.17	26.71	ND	ND	59.46	ND(5)	ND(5)	ND(5)	ND(5)	26	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.68	ND(0.050)	NA	
	6/11/2012	86.17	26.81	ND	ND	59.36	ND(5)	ND(5)	ND(5)	ND(5)	17	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.53	ND(0.050)	NA	
	8/29/2012	86.17	27.03	ND	ND	59.14	ND(5)	ND(5)	ND(5)	ND(5)	11	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	2.0	ND(0.050)	NA	
	11/17/2012	86.17	27.01	ND	ND	59.16	ND(5)	ND(5)	ND(5)	ND(5)	17	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.33	ND(0.050)	ND(250)	
	4/5/2013	86.17	26.36	ND	ND	59.81	ND(5)	ND(5)	ND(5)	ND(5)	15	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.79	ND(0.050)	ND(250)	
	6/21/2013	86.17	26.66	ND	ND	59.51	ND(5)	ND(5)	ND(5)	ND(5)	11	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.59	ND(0.050)	ND(250)	
	9/18/2013	86.17	26.85	ND	ND	59.32	ND(5)	ND(5)	ND(5)	ND(5)	9	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.83	ND(0.050)	ND(250)	
	12/12/2013	86.17	26.52	ND	ND	59.65	ND(5)	ND(5)	ND(5)	ND(5)	13	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.48	ND(0.050)	ND(250)	
	3/20/2014	86.17	26.37	ND	ND	59.80	ND(5)	ND(5)	ND(5)	ND(5)	6	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	7.7	ND(0.050)	ND(250)	
	6/30/2014	86.17	26.75	ND	ND	59.42	ND(1)	ND(1)	ND(1)	ND(1)	11	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	1.1	ND(0.050)	ND(250)	
	9/22/2014	86.17	26.92	ND	ND	59.25	ND(1)	ND(1)	ND(1)	ND(1)	7	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.29	NA	ND(250)	
	12/8/2014	86.17	26.57	ND	ND	59.60	ND(1)	ND(1)	ND(1)	ND(1)	12	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/24/2015	86.17	26.88	ND	ND	59.29	ND(1)	ND(1)	ND(1)	ND(1)	9	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.72	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-2	6/24/2015	86.17	26.70	ND	ND	59.47	ND(1)	ND(1)	ND(1)	ND(1)	10	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/31/2015	86.17	26.85	ND	ND	59.32	ND(1)	ND(1)	ND(1)	ND(1)	6	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	2.5	NA	ND(250)	
	12/21/2015	86.17	26.72	ND	ND	59.45	ND(1)	ND(1)	ND(1)	ND(1)	6	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.95	NA	ND(250)	
	3/8/2016	86.17	26.81	ND	ND	59.36	ND(1)	ND(1)	ND(1)	ND(1)	7	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.53	NA	ND(250)	
	6/9/2016	86.17	26.79	ND	ND	59.38	ND(1)	ND(1)	ND(1)	ND(1)	6	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.95	NA	ND(250)	
	8/30/2016	86.17	26.95	ND	ND	59.22	ND(1)	ND(1)	ND(1)	ND(1)	5	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.30	NA	ND(250)	
	11/29/2016	86.17	26.93	ND	ND	59.24	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.21	NA	ND(250)	
	3/7/2017	86.17	26.97	ND	ND	59.20	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/19/2017	86.17	26.85	ND	ND	59.32	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	NA	
	8/21/2017	86.17	27.08	ND	ND	59.09	ND(1)	ND(1)	ND(1)	ND(1)	5	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.13	NA	ND(250)	
	11/15/2017	86.17	26.86	ND	ND	59.31	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	2/20/2018	86.17	27.22	ND	ND	58.95	ND(1)	ND(1)	ND(1)	ND(1)	3	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	5/30/2018	86.17	26.91	ND	ND	59.26	ND(1)	ND(1)	ND(1)	ND(1)	5	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/20/2018	86.17	26.82	ND	ND	59.35	ND(1)	ND(1)	ND(1)	ND(5)	4	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	11/7/2018	86.17	26.83	ND	ND	59.34	ND(1)	ND(1)	ND(1)	ND(5)	3	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/5/2019	86.17	26.87	ND	ND	59.30	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	5/14/2019	86.17	26.77	ND	ND	59.40	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	9/11/2019	86.17	26.85	ND	ND	59.32	ND(1)	ND(1)	ND(1)	ND(5)	3	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	12/11/2019	86.17	26.93	ND	ND	59.24	ND(1)	ND(1)	ND(1)	ND(3)	2	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/18/2020	86.17	26.94	ND	ND	59.23	ND(1)	ND(1)	ND(1)	ND(5)	4	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	5/28/2020	86.17	26.75	ND	ND	59.42	ND(1)	ND(1)	ND(1)	ND(5)	4	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	9/2/2020	86.17	26.83	ND	ND	59.34	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	5.3	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.12)	NA	ND(750)	
	12/30/2020	86.17	26.61	ND	ND	59.56	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	5.2	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	86.17	26.88	ND	ND	59.29	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	5.2	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	6/3/2021	86.17	26.84	ND	ND	59.33	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	4.7	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	9/24/2021	86.17	26.86	ND	ND	59.31	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	4.5	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.14	NA	ND(750)	
	12/9/2021	86.17	26.80	ND	ND	59.37	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	4.0	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/15/2022	86.17	26.75	ND	ND	59.42	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.2	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	**Date**	**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)**	**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)**	**Ethanol (µg/L)**	**Comments**
MW-2	6/8/2022	86.17	26.75	ND	ND	59.42	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.5	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-3	8/15/2005	84.83	25.89	ND	ND	58.94	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	
	3/17/2006	84.83	27.15	ND	ND	57.68	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	8/16/2006	84.83	26.75	ND	ND	58.08	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.18)	ND(0.20)	NA	
	2/28/2007	84.83	25.65	ND	ND	59.18	6.8	1.1	43.1	94.9	0.91 J	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	6.6	0.395	0.765	NA	
	6/7/2007	84.83	25.49	ND	ND	59.34	0.87 J	ND(1.0)	9.3	13.7	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	1.5 J	ND(0.10)	ND(0.20)	NA	
	10/2/2007	84.83	27.44	ND	ND	57.39	5.7	0.65	36.7	40.5	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	14.4	2.22	ND(0.20)	NA	
	3/27/2008	84.83	27.69	ND	ND	57.14	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.219	ND(0.20)	NA	
	9/24/2008	84.83	27.37	ND	ND	57.46	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	3/23/2009	84.83	29.06	ND	ND	55.77	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	9/5/2009	84.83	27.50	ND	ND	57.33	2.4	0.50	ND(1.0)	0.62	0.60	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	1.5	ND(0.10)	ND(0.20)	NA	
	1/26/2010	84.83	24.26	ND	ND	60.57	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	10/7/2010	84.83	24.36	ND	ND	60.47	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.05)	NA	
	4/14/2011	84.83	25.43	ND	ND	59.40	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	9/10/2011	84.83	24.25	ND	ND	60.58	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.1	ND(0.050)	NA	
	12/8/2011	84.83	20.16	ND	ND	64.67	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(1.0)	ND(0.050)	NA	
	3/27/2012	84.83	26.44	ND	ND	58.39	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.18	ND(0.050)	NA	
	6/11/2012	84.83	22.05	ND	ND	62.78	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.21	ND(0.050)	NA	
	8/29/2012	84.83	27.18	ND	ND	57.65	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.17	ND(0.050)	NA	
	11/17/2012	84.83	27.99	ND	ND	56.84	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	ND(250)	
	4/5/2013	84.83	28.03	ND	ND	56.80	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.26	ND(0.050)	ND(250)	
	6/21/2013	84.83	27.12	ND	ND	57.71	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.094)	ND(0.050)	ND(250)	
	9/18/2013	84.83	25.88	ND	ND	58.95	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	ND(250)	
	12/12/2013	84.83	25.76	ND	ND	59.07	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	3/20/2014	84.83	25.07	ND	ND	59.76	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	6/30/2014	84.83	24.60	ND	ND	60.23	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	9/22/2014	84.83	24.92	ND	ND	59.91	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2014	84.83	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2015	84.83	25.12	ND	ND	59.71	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-3	6/24/2015	84.83	24.90	ND	ND	59.93	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/31/2015	84.83	25.44	ND	ND	59.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/21/2015	84.83	26.97	ND	ND	57.86	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/8/2016	84.83	26.17	ND	ND	58.66	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/9/2016	84.83	26.22	ND	ND	58.61	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/30/2016	84.83	27.07	ND	ND	57.76	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/29/2016	84.83	28.14	ND	ND	56.69	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/7/2017	84.83	28.82	ND	ND	56.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/19/2017	84.83	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/21/2017	84.83	27.15	ND	ND	57.68	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/15/2017	84.83	27.11	ND	ND	57.72	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	2/20/2018	84.83	23.96	ND	ND	60.87	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/30/2018	84.83	25.14	ND	ND	59.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/20/2018	84.83	24.95	ND	ND	59.88	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2018	84.83	21.15	ND	ND	63.68	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/5/2019	84.83	21.21	ND	ND	63.62	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/14/2019	84.83	21.15	ND	ND	63.68	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/11/2019	84.83	25.11	ND	ND	59.72	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/11/2019	84.83	22.30	ND	ND	62.53	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/18/2020	84.83	24.90	ND	ND	59.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/28/2020	84.83	24.86	ND	ND	59.97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2020	84.83	28.39	ND	ND	56.44	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2020	84.83	24.71	ND	ND	60.12	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	84.83	24.05	ND	ND	60.78	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/3/2021	84.83	24.77	ND	ND	60.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/24/2021	84.83	25.04	ND	ND	59.79	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2021	84.83	25.91	ND	ND	58.92	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/15/2022	84.83	25.42	ND	ND	59.41	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	**Date**	**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)**	**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)**	**Ethanol (µg/L)**	**Comments**
MW-3	6/8/2022	84.83	25.70	ND	ND	59.13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-4	6/7/2007	84.65	23.11	ND	ND	61.54	16.9	10.7	ND(20)	ND(20)	2640	7300	90.0	ND(100)	14.3	ND(100)	ND(0.10)	2.14	NA	
	10/2/2007	84.65	23.89	ND	ND	60.76	27.3	9.1	3.2	9.0	3500	8570	117	3.8	17.5	ND(25)	ND(0.10)	4.51	NA	
	3/27/2008	84.65	24.47	ND	ND	60.18	36.3	8.8	2.0	5.0	2760	6560	103	2.8	19.0	ND(5.0)	ND(0.10)	2.89	NA	
	9/24/2008	84.65	23.71	ND	ND	60.94	30.1	4.9	3.1	10.8	2020	7520	74.0	4.6	16.8	ND(25)	ND(0.10)	3.53	NA	
	3/23/2009	84.65	24.16	ND	ND	60.49	24.6	2.0	3.4	7.2	1870	6940	62.7	5.3	16.4	ND(13)	ND(0.10)	2.48	NA	
	9/5/2009	84.65	24.07	ND	ND	60.58	31.2	0.99	5.0	9.6	1240	4920	44.6	5.0	16.8	ND(5.0)	ND(0.10)	1.73	NA	
	1/26/2010	84.65	23.40	ND	ND	61.25	29.6	1.2	8.8	13.1	826	3890	32.9	5.2	17.8	ND(5.0)	ND(0.10)	1.20	NA	
	10/7/2010	84.65	23.80	ND	ND	60.85	27	ND(5)	12	30	510	2300	25	ND(5)	14	ND(5)	0.31	0.68	NA	
	4/14/2011	84.65	22.93	ND	ND	61.72	19	ND(5)	8	23	360	1500	17	ND(5)	10	ND(5)	0.25	0.60	NA	
	9/10/2011	84.65	23.16	ND	ND	61.49	20	ND(5)	9	24	310	1200	16	ND(5)	11	ND(5)	ND(0.095)	0.55	NA	
	12/8/2011	84.65	23.26	ND	ND	61.39	20	ND(5)	7	18	470	1700	23	ND(5)	10	ND(5)	ND(1.0)	0.70	NA	
	3/27/2012	84.65	22.40	ND	ND	62.25	16	ND(5)	7	17	320	1000	17	ND(5)	9	ND(5)	0.37	0.51	NA	
	6/11/2012	84.65	22.00	ND	ND	62.65	17	ND(5)	7	21	370	1300	17	ND(5)	8	ND(5)	0.24	0.48	NA	
	8/29/2012	84.65	22.72	ND	ND	61.93	18	ND(5)	7	19	410	1500	19	ND(5)	8	ND(5)	0.21	0.71	NA	
	11/17/2012	84.65	22.61	ND	ND	62.04	19	ND(5)	7	20	290	1100	16	ND(5)	8	ND(5)	0.20	0.42	ND(250)	
	4/5/2013	84.65	22.92	ND	ND	61.73	13	ND(5)	ND(5)	5	270	800	12	ND(5)	6	ND(5)	0.45	0.35	ND(250)	
	6/21/2013	84.65	22.52	ND	ND	62.13	14	ND(5)	ND(5)	7	280	1100	14	ND(5)	6	ND(5)	0.26	0.40	ND(250)	
	9/18/2013	84.65	22.24	ND	ND	62.41	14	ND(5)	ND(5)	6	280	990	14	ND(5)	6	ND(5)	0.49	0.48	ND(250)	
	12/12/2013	84.65	23.06	ND	ND	61.59	13	ND(5)	ND(5)	ND(5)	280	1000	13	ND(5)	5	ND(5)	ND(0.10)	0.38	ND(250)	
	3/20/2014	84.65	21.76	ND	ND	62.89	11	ND(5)	ND(5)	ND(5)	220	690	11	ND(5)	ND(5)	ND(5)	0.12	0.34	ND(250)	
	6/30/2014	84.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible
	9/22/2014	84.65	22.61	ND	ND	62.04	12	ND(1)	5	4	250	830	11	1	5	ND(5)	ND(0.10)	NA	ND(250)	
	12/8/2014	84.65	23.32	ND	ND	61.33	12	ND(1)	4	4	250	730	13	1	5	ND(5)	ND(0.10)	NA	ND(250)	
	3/24/2015	84.65	23.33	ND	ND	61.32	10	ND(1)	3	5	250	690	10	ND(1)	4	ND(5)	0.15	NA	ND(250)	
	6/24/2015	84.65	22.56	ND	ND	62.09	10	ND(1)	4	7	270	830	10	ND(1)	4	ND(5)	ND(0.10)	NA	ND(250)	
	8/31/2015	84.65	22.65	ND	ND	62.00	12	ND(1)	4	7	250	600	11	ND(1)	5	ND(5)	ND(0.10)	NA	ND(250)	
	12/21/2015	84.65	23.38	ND	ND	61.27	9	ND(5)	ND(5)	ND(5)	200	650	6	ND(5)	ND(5)	ND(25)	ND(0.10)	NA	ND(1300)	
	3/8/2016	84.65	23.35	ND	ND	61.30	12	ND(1)	3	5	250	830	16	ND(1)	6	ND(5)	ND(0.10)	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-4	6/9/2016	84.65	23.05	ND	ND	61.60	8	ND(1)	3	5	220	760	10	ND(1)	4	ND(5)	ND(0.10)	NA	ND(250)	
	8/30/2016	84.65	23.12	ND	ND	61.53	10	ND(1)	3	4	250	730	11	ND(1)	4	ND(5)	ND(0.10)	NA	ND(250)	
	11/29/2016	84.65	23.87	ND	ND	60.78	12	ND(1)	3	2	240	960	17	ND(1)	6	ND(5)	ND(0.10)	NA	ND(250)	
	3/7/2017	84.65	23.25	ND	ND	61.40	10	ND(1)	2	1	200	790	10	ND(1)	4	ND(5)	ND(0.10)	NA	ND(250)	
	6/19/2017	84.65	23.67	ND	ND	60.98	8	ND(1)	3	2	180	490	7	ND(1)	3	ND(5)	ND(0.10)	NA	NA	
	8/21/2017	84.65	23.05	ND	ND	61.60	8	ND(1)	3	2	180	450	6	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	11/15/2017	84.65	23.45	ND	ND	61.20	8	ND(1)	2	ND(1)	150	430	7	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	2/20/2018	84.65	23.76	ND	ND	60.89	11	ND(1)	1	ND(1)	200	920	14	1	7	ND(5)	ND(0.10)	NA	ND(250)	
	5/30/2018	84.65	23.20	ND	ND	61.45	7	ND(1)	1	1	190	430	8	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	8/20/2018	84.65	23.08	ND	ND	61.57	9	ND(1)	1	ND(5)	140	450	7	ND(1)	3	ND(10)	ND(0.10)	NA	ND(500)	
	11/7/2018	84.65	22.47	ND	ND	62.18	9	ND(1)	2	ND(5)	160	440	9	ND(1)	4	ND(10)	ND(0.10)	NA	ND(500)	
	2/5/2019	84.65	23.12	ND	ND	61.53	8	ND(1)	3	ND(5)	110	330	6	ND(1)	3	ND(10)	ND(0.10)	NA	ND(500)	
	5/14/2019	84.65	23.01	ND	ND	61.64	7	ND(1)	2	ND(5)	110	280	6	ND(1)	3	ND(10)	ND(0.10)	NA	ND(500)	
	9/11/2019	84.65	22.57	ND	ND	62.08	9	ND(1)	1	ND(3)	150	490	8	ND(1)	4	ND(10)	ND(0.10)	NA	ND(500)	
	12/11/2019	84.65	23.11	ND	ND	61.54	5	ND(1)	2	ND(3)	78	280	4	ND(1)	2	ND(10)	ND(0.10)	NA	ND(500)	
	2/18/2020	84.65	23.29	ND	ND	61.36	10	ND(1)	ND(1)	ND(5)	130	490	9	ND(1)	5	ND(10)	ND(0.10)	NA	ND(500)	
	5/28/2020	84.65	22.97	ND	ND	61.68	8	ND(1)	ND(1)	ND(5)	120	430	8	ND(1)	4	ND(10)	ND(0.10)	NA	ND(500)	
	9/2/2020	84.65	0.00	ND	ND	84.65	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible
	12/30/2020	84.65	23.43	ND	ND	61.22	7.7	ND(1.0)	2.6	ND(6.0)	130	290	8.4	ND(1.0)	3.7	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	84.65	23.21	ND	ND	61.44	9.2	ND(1.0)	ND(1.0)	ND(6.0)	160	430	11	ND(1.0)	6.7	ND(5.0)	ND(0.11)	NA	ND(750)	
	6/3/2021	84.65	23.25	ND	ND	61.40	1.1	ND(1.0)	ND(1.0)	ND(1.0)	110	74	6.0	ND(1.0)	2.6	ND(5.0)	ND(0.11)	NA	ND(750)	
	9/24/2021	84.65	22.84	ND	ND	61.81	7.2	ND(1.0)	ND(1.0)	ND(1.0)	130	330	7.8	ND(1.0)	3.3	ND(5.0)	ND(0.11)	NA	ND(750)	
	12/9/2021	84.65	23.24	ND	ND	61.41	11	ND(1.0)	ND(1.0)	ND(1.0)	130	530	9.8	1.1	5.3	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/15/2022	84.65	23.66	ND	ND	60.99	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	120	150	6.6	ND(1.0)	2.7	ND(5.0)	ND(0.11)	NA	ND(750)	
	6/8/2022	84.65	23.11	ND	ND	61.54	5.2	ND(1.0)	1.4	ND(1.0)	120	250	6.8	ND(1.0)	2.8	ND(5.0)	ND(0.11)	NA	ND(750)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-5	6/7/2007	80.81	18.50	ND	ND	62.31	0.52 J	ND(1.0)	9.0	12.5	86.3	ND(25)	1.3 J	ND(5.0)	ND(5.0)	1.6 J	ND(0.10)	ND(0.20)	NA	
	10/2/2007	80.81	19.24	ND	ND	61.57	1.2	ND(1.0)	10.3	11.2	3.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	6.2	ND(0.10)	ND(0.20)	NA	
	3/27/2008	80.81	19.62	ND	ND	61.19	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	5.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	9/24/2008	80.81	19.10	ND	ND	61.71	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	24.6	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	3/23/2009	80.81	20.02	ND	ND	60.79	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	9/5/2009	80.81	19.01	ND	ND	61.80	0.81	ND(1.0)	ND(1.0)	0.36	1.7	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	1.7	ND(0.10)	ND(0.20)	NA	
	1/26/2010	80.81	19.03	ND	ND	61.78	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.2	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	10/7/2010	80.81	19.09	ND	ND	61.72	ND(5)	ND(5)	ND(5)	ND(5)	59	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	0.063	NA	
	4/14/2011	80.81	18.80	ND	ND	62.01	ND(5)	ND(5)	ND(5)	ND(5)	8	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.15	ND(0.050)	NA	
	9/10/2011	80.81	18.79	ND	ND	62.02	ND(5)	ND(5)	ND(5)	ND(5)	110	290	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	0.11	NA	
	12/8/2011	80.81	18.91	ND	ND	61.90	ND(5)	ND(5)	ND(5)	ND(5)	51	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(1.0)	0.056	NA	
	3/27/2012	80.81	18.62	ND	ND	62.19	ND(5)	ND(5)	ND(5)	ND(5)	49	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	0.054	NA	
	6/11/2012	80.81	18.35	ND	ND	62.46	ND(5)	ND(5)	ND(5)	ND(5)	270	190	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	0.15	NA	
	8/29/2012	80.81	18.32	ND	ND	62.49	ND(5)	ND(5)	ND(5)	ND(5)	38	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	11/17/2012	80.81	19.31	ND	ND	61.50	ND(5)	ND(5)	ND(5)	ND(5)	38	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	ND(250)	
	4/5/2013	80.81	19.52	ND	ND	61.29	ND(5)	ND(5)	ND(5)	ND(5)	10	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	6/21/2013	80.81	19.05	ND	ND	61.76	ND(5)	ND(5)	ND(5)	ND(5)	10	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	9/18/2013	80.81	18.71	ND	ND	62.10	ND(5)	ND(5)	ND(5)	ND(5)	7	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	12/12/2013	80.81	19.33	ND	ND	61.48	ND(5)	ND(5)	ND(5)	ND(5)	8	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	3/20/2014	80.81	18.19	ND	ND	62.62	ND(5)	ND(5)	ND(5)	ND(5)	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	5.6	ND(0.050)	ND(250)	
	6/30/2014	80.81	18.52	ND	ND	62.29	ND(1)	ND(1)	ND(1)	ND(1)	78	140	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	0.064	ND(250)	
	9/22/2014	80.81	18.98	ND	ND	61.83	ND(1)	ND(1)	ND(1)	ND(1)	7	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	12/8/2014	80.81	19.58	ND	ND	61.23	ND(1)	ND(1)	ND(1)	ND(1)	35	57	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/24/2015	80.81	19.89	ND	ND	60.92	ND(1)	ND(1)	ND(1)	ND(1)	9	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/24/2015	80.81	19.11	ND	ND	61.70	ND(1)	ND(1)	ND(1)	ND(1)	9	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/31/2015	80.81	18.85	ND	ND	61.96	ND(1)	ND(1)	ND(1)	ND(1)	72	220	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	12/21/2015	80.81	19.53	ND	ND	61.28	ND(1)	ND(1)	ND(1)	ND(1)	8	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/8/2016	80.81	19.73	ND	ND	61.08	ND(1)	ND(1)	ND(1)	ND(1)	9	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-5	6/9/2016	80.81	19.10	ND	ND	61.71	ND(1)	ND(1)	ND(1)	ND(1)	13	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/30/2016	80.81	19.11	ND	ND	61.70	ND(1)	ND(1)	ND(1)	ND(1)	15	23	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	11/29/2016	80.81	19.76	ND	ND	61.05	ND(1)	ND(1)	ND(1)	ND(1)	6	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/7/2017	80.81	20.32	ND	ND	60.49	ND(1)	ND(1)	ND(1)	ND(1)	3	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/19/2017	80.81	19.61	ND	ND	61.20	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	NA	
	8/21/2017	80.81	19.33	ND	ND	61.48	ND(1)	ND(1)	ND(1)	ND(1)	5	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	11/15/2017	80.81	19.28	ND	ND	61.53	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	2/20/2018	80.81	19.78	ND	ND	61.03	ND(1)	ND(1)	ND(1)	ND(1)	6	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	5/30/2018	80.81	19.17	ND	ND	61.64	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/20/2018	80.81	18.73	ND	ND	62.08	ND(1)	ND(1)	ND(1)	ND(5)	2	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	11/7/2018	80.81	18.63	ND	ND	62.18	ND(1)	ND(1)	ND(1)	ND(5)	8	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/5/2019	80.81	18.89	ND	ND	61.92	ND(1)	ND(1)	ND(1)	ND(5)	1	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	5/14/2019	80.81	18.80	ND	ND	62.01	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	9/11/2019	80.81	18.49	ND	ND	62.32	ND(1)	ND(1)	ND(1)	ND(5)	9	36	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	12/11/2019	80.81	19.12	ND	ND	61.69	ND(1)	ND(1)	ND(1)	ND(3)	2	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/18/2020	80.81	19.47	ND	ND	61.34	ND(1)	ND(1)	ND(1)	ND(5)	6	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	5/28/2020	80.81	18.92	ND	ND	61.89	ND(1)	ND(1)	ND(1)	ND(5)	4	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	9/2/2020	80.81	18.83	ND	ND	61.98	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	4.5	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	12/30/2020	80.81	19.23	ND	ND	61.58	ND(1.0)	1.4	ND(1.0)	ND(6.0)	4.8	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	80.81	19.18	ND	ND	61.63	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	4.9	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	6/3/2021	80.81	18.82	ND	ND	61.99	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	5.0	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	
	9/24/2021	80.81	18.88	ND	ND	61.93	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.7	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	
	12/9/2021	80.81	19.40	ND	ND	61.41	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.3	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/15/2022	80.81	19.77	ND	ND	61.04	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.7	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	
	6/8/2022	80.81	19.18	ND	ND	61.63	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.0	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-6	9/5/2009	83.74	22.05	ND	ND	61.69	2.7	0.39	ND(1.0)	0.35	560	1220	13.7	ND(5.0)	1.1	ND(5.0)	ND(0.10)	0.730	NA	
	1/26/2010	83.74	23.93	ND	ND	59.81	1.1	ND(1.0)	ND(1.0)	ND(1.0)	894	1930	29.3	ND(5.0)	2.7	ND(5.0)	ND(0.10)	0.888	NA	
	10/7/2010	83.74	23.30	ND	ND	60.44	ND(5)	ND(5)	ND(5)	ND(5)	970	2400	32	ND(5)	ND(5)	ND(5)	ND(0.095)	0.73	NA	
	4/14/2011	83.74	23.14	ND	ND	60.60	ND(10)	ND(10)	ND(10)	ND(10)	950	2600	45	ND(10)	ND(10)	ND(10)	ND(0.095)	1.0	NA	
	9/10/2011	83.74	22.25	ND	ND	61.49	ND(5)	ND(5)	ND(5)	ND(5)	240	670	11	ND(5)	ND(5)	ND(5)	ND(1.0)	0.24	NA	
	12/8/2011	83.74	22.15	ND	ND	61.59	ND(5)	ND(5)	ND(5)	ND(5)	340	1100	16	ND(5)	ND(5)	ND(5)	ND(1.0)	0.40	NA	
	3/27/2012	83.74	21.84	ND	ND	61.90	ND(5)	ND(5)	ND(5)	ND(5)	360	990	18	ND(5)	ND(5)	ND(5)	ND(0.096)	0.35	NA	
	6/11/2012	83.74	21.87	ND	ND	61.87	ND(5)	ND(5)	ND(5)	ND(5)	410	1300	22	ND(5)	ND(5)	ND(5)	ND(0.096)	0.34	NA	
	8/29/2012	83.74	21.93	ND	ND	61.81	ND(5)	ND(5)	ND(5)	ND(5)	190	510	9	ND(5)	ND(5)	ND(5)	ND(0.095)	0.22	NA	
	11/17/2012	83.74	22.55	ND	ND	61.19	ND(5)	ND(5)	ND(5)	ND(5)	190	550	9	ND(5)	ND(5)	ND(5)	ND(0.096)	0.16	ND(250)	
	4/5/2013	83.74	23.06	ND	ND	60.68	ND(5)	ND(5)	ND(5)	ND(5)	230	630	11	ND(5)	ND(5)	ND(5)	ND(0.095)	0.25	ND(250)	
	6/21/2013	83.74	22.19	ND	ND	61.55	ND(5)	ND(5)	ND(5)	ND(5)	220	790	13	ND(5)	ND(5)	ND(5)	ND(0.095)	0.24	ND(250)	
	9/18/2013	83.74	21.93	ND	ND	61.81	ND(5)	ND(5)	ND(5)	ND(5)	180	550	10	ND(5)	ND(5)	ND(5)	ND(0.096)	0.23	ND(250)	
	12/12/2013	83.74	22.60	ND	ND	61.14	ND(5)	ND(5)	ND(5)	ND(5)	200	610	10	ND(5)	ND(5)	ND(5)	ND(0.10)	0.18	ND(250)	
	3/20/2014	83.74	21.44	ND	ND	62.30	ND(5)	ND(5)	ND(5)	ND(5)	320	950	18	ND(5)	ND(5)	ND(5)	ND(0.10)	0.30	ND(250)	
	6/30/2014	83.74	22.45	ND	ND	61.29	ND(1)	ND(1)	ND(1)	ND(1)	100	250	5	ND(1)	ND(1)	ND(5)	ND(0.10)	0.090	ND(250)	
	9/22/2014	83.74	22.85	ND	ND	60.89	2	ND(1)	ND(1)	ND(1)	200	510	11	ND(1)	2	ND(5)	ND(0.10)	NA	ND(250)	
	12/8/2014	83.74	22.55	ND	ND	61.19	3	ND(1)	ND(1)	ND(1)	290	720	17	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	3/24/2015	83.74	23.11	ND	ND	60.63	3	ND(1)	ND(1)	ND(1)	300	810	19	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	6/24/2015	83.74	22.60	ND	ND	61.14	3	ND(1)	ND(1)	ND(1)	290	770	16	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	8/31/2015	83.74	21.98	ND	ND	61.76	3	ND(1)	ND(1)	ND(1)	260	480	15	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	12/21/2015	83.74	22.70	ND	ND	61.04	1	ND(1)	ND(1)	ND(1)	78	180	3	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/8/2016	83.74	22.80	ND	ND	60.94	3	ND(1)	ND(1)	ND(1)	180	390	11	ND(1)	2	ND(5)	ND(0.10)	NA	ND(250)	
	6/9/2016	83.74	23.08	ND	ND	60.66	4	ND(1)	ND(1)	ND(1)	220	450	14	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	8/30/2016	83.74	22.17	ND	ND	61.57	4	ND(1)	ND(1)	ND(1)	180	400	11	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	11/29/2016	83.74	22.81	ND	ND	60.93	3	ND(1)	ND(1)	ND(1)	180	390	10	ND(1)	2	ND(5)	ND(0.10)	NA	ND(250)	
	3/7/2017	83.74	23.43	ND	ND	60.31	3	ND(1)	ND(1)	ND(1)	110	250	7	ND(1)	1	ND(5)	ND(0.10)	NA	ND(250)	
	6/19/2017	83.74	22.67	ND	ND	61.07	5	ND(1)	ND(1)	ND(1)	230	460	16	ND(1)	3	ND(5)	ND(0.10)	NA	NA	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-6	8/21/2017	83.74	22.65	ND	ND	61.09	ND(1)	ND(1)	ND(1)	ND(1)	160	320	7	ND(1)	2	ND(5)	ND(0.10)	NA	ND(250)	
	11/15/2017	83.74	22.20	ND	ND	61.54	6	ND(1)	ND(1)	ND(1)	210	460	12	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	2/20/2018	83.74	22.76	ND	ND	60.98	4	ND(1)	ND(1)	ND(1)	150	290	11	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	5/30/2018	83.74	22.28	ND	ND	61.46	4	ND(1)	ND(1)	ND(1)	140	260	11	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	8/20/2018	83.74	22.11	ND	ND	61.63	5	ND(1)	ND(1)	ND(5)	170	340	13	ND(1)	3	ND(10)	ND(0.10)	NA	ND(500)	
	11/7/2018	83.74	21.80	ND	ND	61.94	8	ND(1)	ND(1)	ND(5)	230	490	19	ND(1)	5	ND(10)	ND(0.10)	NA	ND(500)	
	2/5/2019	83.74	22.34	ND	ND	61.40	5	ND(1)	ND(1)	ND(5)	130	310	10	ND(1)	3	ND(10)	ND(0.10)	NA	ND(500)	
	5/14/2019	83.74	22.28	ND	ND	61.46	6	ND(1)	ND(1)	ND(5)	180	330	17	ND(1)	4	ND(10)	ND(0.10)	NA	ND(500)	
	9/11/2019	83.74	21.84	ND	ND	61.90	2	ND(1)	ND(1)	ND(5)	75	150	5	ND(1)	1	ND(10)	ND(0.10)	NA	ND(500)	
	12/11/2019	83.74	22.09	ND	ND	61.65	ND(1)	ND(1)	ND(1)	ND(3)	2	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/18/2020	83.74	22.63	ND	ND	61.11	4	ND(1)	ND(1)	ND(5)	83	150	7	ND(1)	2	ND(10)	ND(0.10)	NA	ND(500)	
	5/28/2020	83.74	22.02	ND	ND	61.72	4	ND(1)	ND(1)	ND(5)	78	140	6	ND(1)	2	ND(10)	ND(0.10)	NA	ND(500)	
	9/2/2020	83.74	22.24	ND	ND	61.50	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	180	300	13	ND(1.0)	3.8	ND(5.0)	ND(0.11)	NA	ND(750)	
	12/30/2020	83.74	22.27	ND	ND	61.47	6.7	ND(1.0)	ND(1.0)	ND(6.0)	130	190	13	ND(1.0)	3.3	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	83.74	22.21	ND	ND	61.53	4.9	ND(1.0)	ND(1.0)	ND(6.0)	100	160	8.8	ND(1.0)	2.4	ND(5.0)	ND(0.11)	NA	ND(750)	
	6/3/2021	83.74	22.13	ND	ND	61.61	4.1	ND(1.0)	ND(1.0)	ND(1.0)	84	110	8.3	ND(1.0)	2.3	ND(5.0)	ND(0.11)	NA	ND(750)	
	9/24/2021	83.74	22.09	ND	ND	61.65	3.2	ND(1.0)	ND(1.0)	ND(1.0)	67	110	5.7	ND(1.0)	1.4	ND(5.0)	ND(0.11)	NA	ND(750)	
	12/9/2021	83.74	22.26	ND	ND	61.48	3.9	ND(1.0)	ND(1.0)	ND(1.0)	86	190	6.9	ND(1.0)	1.8	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/15/2022	83.74	22.57	ND	ND	61.17	7.4	ND(1.0)	ND(1.0)	ND(1.0)	140	290	14	ND(1.0)	3.5	ND(5.0)	ND(0.11)	NA	ND(750)	
	6/8/2022	83.74	22.83	ND	ND	60.91	7.1	ND(1.0)	ND(1.0)	ND(1.0)	130	250	13	ND(1.0)	3.5	ND(5.0)	ND(0.11)	NA	ND(750)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-7	9/5/2009	87.56	38.47	ND	ND	49.09	2.1	0.42	ND(1.0)	0.44	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	1.5	0.246	ND(0.20)	NA	
	1/26/2010	87.56	29.79	ND	ND	57.77	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	10/7/2010	87.56	28.33	ND	ND	59.23	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.14	ND(0.05)	NA	
	4/14/2011	87.56	29.42	ND	ND	58.14	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	9/10/2011	87.56	30.35	ND	ND	57.21	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.16	ND(0.050)	NA	
	12/8/2011	87.56	29.75	ND	ND	57.81	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	3/27/2012	87.56	30.07	ND	ND	57.49	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	NA	
	6/11/2012	87.56	30.91	ND	ND	56.65	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.098)	ND(0.050)	NA	
	8/29/2012	87.56	31.48	ND	ND	56.08	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	11/17/2012	87.56	31.71	ND	ND	55.85	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	4/5/2013	87.56	31.82	ND	ND	55.74	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	ND(250)	
	6/21/2013	87.56	31.35	ND	ND	56.21	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	9/18/2013	87.56	30.05	ND	ND	57.51	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	ND(250)	
	12/12/2013	87.56	30.77	ND	ND	56.79	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	3/20/2014	87.56	29.59	ND	ND	57.97	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	6/30/2014	87.56	29.47	ND	ND	58.09	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	9/22/2014	87.56	29.60	ND	ND	57.96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2014	87.56	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2015	87.56	29.48	ND	ND	58.08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/24/2015	87.56	29.29	ND	ND	58.27	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/31/2015	87.56	29.69	ND	ND	57.87	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/21/2015	87.56	30.92	ND	ND	56.64	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/8/2016	87.56	30.33	ND	ND	57.23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/9/2016	87.56	30.29	ND	ND	57.27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/30/2016	87.56	31.11	ND	ND	56.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/29/2016	87.56	31.73	ND	ND	55.83	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/7/2017	87.56	32.10	ND	ND	55.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/19/2017	87.56	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-7	8/21/2017	87.56	31.51	ND	ND	56.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/15/2017	87.56	31.49	ND	ND	56.07	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	2/20/2018	87.56	30.12	ND	ND	57.44	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/30/2018	87.56	29.71	ND	ND	57.85	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/20/2018	87.56	29.13	ND	ND	58.43	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2018	87.56	28.89	ND	ND	58.67	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/5/2019	87.56	28.68	ND	ND	58.88	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/14/2019	87.56	28.58	ND	ND	58.98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/11/2019	87.56	29.01	ND	ND	58.55	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/11/2019	87.56	29.14	ND	ND	58.42	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/18/2020	87.56	29.61	ND	ND	57.95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/28/2020	87.56	29.33	ND	ND	58.23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2020	87.56	29.27	ND	ND	58.29	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2020	87.56	29.28	ND	ND	58.28	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	87.56	29.24	ND	ND	58.32	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/3/2021	87.56	28.96	ND	ND	58.60	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/24/2021	87.56	29.30	ND	ND	58.26	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2021	87.56	29.93	ND	ND	57.63	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/15/2022	87.56	30.22	ND	ND	57.34	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/8/2022	87.56	29.93	ND	ND	57.63	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-8	9/5/2009	87.77	30.00	ND	ND	57.77	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.8	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	1/26/2010	87.77	29.39	ND	ND	58.38	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.7	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	10/7/2010	87.77	28.56	ND	ND	59.21	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.05)	NA	
	4/14/2011	87.77	29.40	ND	ND	58.37	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	9/10/2011	87.77	29.58	ND	ND	58.19	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	12/8/2011	87.77	29.44	ND	ND	58.33	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	3/27/2012	87.77	29.61	ND	ND	58.16	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	6/11/2012	87.77	29.70	ND	ND	58.07	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	8/29/2012	87.77	29.77	ND	ND	58.00	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	11/17/2012	87.77	29.81	ND	ND	57.96	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	4/5/2013	87.77	30.13	ND	ND	57.64	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.13	ND(0.050)	ND(250)	
	6/21/2013	87.77	29.82	ND	ND	57.95	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	9/18/2013	87.77	29.51	ND	ND	58.26	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	ND(250)	
	12/12/2013	87.77	29.70	ND	ND	58.07	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	3/20/2014	87.77	28.98	ND	ND	58.79	ND(5)	ND(5)	ND(5)	ND(5)	7	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	8.4	ND(0.050)	ND(250)	
	4/18/2014	87.77	29.54	ND	ND	58.23	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA	ND(250)	
	6/30/2014	87.77	29.42	ND	ND	58.35	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	9/22/2014	87.77	29.41	ND	ND	58.36	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	12/8/2014	87.77	29.60	ND	ND	58.17	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/24/2015	87.77	29.20	ND	ND	58.57	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/24/2015	87.77	29.00	ND	ND	58.77	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/31/2015	87.77	29.50	ND	ND	58.27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/21/2015	87.77	29.63	ND	ND	58.14	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	3.3	NA	ND(250)	
	3/8/2016	87.77	29.60	ND	ND	58.17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/9/2016	87.77	29.65	ND	ND	58.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/30/2016	87.77	29.74	ND	ND	58.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/29/2016	87.77	29.80	ND	ND	57.97	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/7/2017	87.77	29.98	ND	ND	57.79	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-8	6/19/2017	87.77	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/21/2017	87.77	29.86	ND	ND	57.91	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/15/2017	87.77	29.89	ND	ND	57.88	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.12	NA	ND(250)	
	2/20/2018	87.77	29.77	ND	ND	58.00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/30/2018	87.77	29.68	ND	ND	58.09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/20/2018	87.77	29.53	ND	ND	58.24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2018	87.77	29.40	ND	ND	58.37	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/5/2019	87.77	29.22	ND	ND	58.55	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/14/2019	87.77	29.17	ND	ND	58.60	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/11/2019	87.77	29.50	ND	ND	58.27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/11/2019	87.77	28.98	ND	ND	58.79	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/18/2020	87.77	29.71	ND	ND	58.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/28/2020	87.77	29.59	ND	ND	58.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2020	87.77	29.53	ND	ND	58.24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2020	87.77	29.54	ND	ND	58.23	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	87.77	29.50	ND	ND	58.27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/3/2021	87.77	29.59	ND	ND	58.18	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/24/2021	87.77	29.62	ND	ND	58.15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2021	87.77	29.74	ND	ND	58.03	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/15/2022	87.77	29.93	ND	ND	57.84	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/8/2022	87.77	29.38	ND	ND	58.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-9	9/5/2009	89.05	30.63	ND	ND	58.42	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	1/26/2010	89.05	27.48	ND	ND	61.57	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.66	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	10/7/2010	89.05	27.56	ND	ND	61.49	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.094)	ND(0.05)	NA	
	4/14/2011	89.05	26.93	ND	ND	62.12	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	9/10/2011	89.05	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/29/2011	89.05	28.91	ND	ND	60.14	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	12/8/2011	89.05	27.05	ND	ND	62.00	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	3/27/2012	89.05	27.39	ND	ND	61.66	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	6/11/2012	89.05	27.55	ND	ND	61.50	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	NA	
	8/29/2012	89.05	27.55	ND	ND	61.50	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	11/17/2012	89.05	27.72	ND	ND	61.33	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	4/5/2013	89.05	27.93	ND	ND	61.12	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.094)	ND(0.050)	ND(250)	
	6/21/2013	89.05	27.86	ND	ND	61.19	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.094)	ND(0.050)	ND(250)	
	9/18/2013	89.05	27.34	ND	ND	61.71	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	ND(250)	
	12/12/2013	89.05	27.39	ND	ND	61.66	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	3/20/2014	89.05	26.85	ND	ND	62.20	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	7700	
	4/18/2014	89.05	28.01	ND	ND	61.04	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA	ND(250)	
	6/30/2014	89.05	27.61	ND	ND	61.44	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.45	ND(0.050)	ND(250)	
	9/22/2014	89.05	27.84	ND	ND	61.21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/8/2014	89.05	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/24/2015	89.05	27.59	ND	ND	61.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/24/2015	89.05	27.42	ND	ND	61.63	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/31/2015	89.05	28.38	ND	ND	60.67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/21/2015	89.05	28.90	ND	ND	60.15	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/8/2016	89.05	28.67	ND	ND	60.38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/9/2016	89.05	28.75	ND	ND	60.30	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/30/2016	89.05	29.10	ND	ND	59.95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/29/2016	89.05	29.62	ND	ND	59.43	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	**Date**	**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)**	**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)**	**Ethanol (µg/L)**	**Comments**
MW-9	3/7/2017	89.05	30.58	ND	ND	58.47	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/19/2017	89.05	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/21/2017	89.05	29.95	ND	ND	59.10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/15/2017	89.05	29.00	ND	ND	60.05	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	2/20/2018	89.05	26.37	ND	ND	62.68	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/30/2018	89.05	27.49	ND	ND	61.56	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/20/2018	89.05	26.98	ND	ND	62.07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/7/2018	89.05	27.44	ND	ND	61.61	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/5/2019	89.05	27.03	ND	ND	62.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/14/2019	89.05	27.89	ND	ND	61.16	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/11/2019	89.05	27.05	ND	ND	62.00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/11/2019	89.05	27.13	ND	ND	61.92	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/18/2020	89.05	27.51	ND	ND	61.54	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	5/28/2020	89.05	27.50	ND	ND	61.55	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/2/2020	89.05	27.33	ND	ND	61.72	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2020	89.05	27.82	ND	ND	61.23	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	89.05	27.52	ND	ND	61.53	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/3/2021	89.05	27.57	ND	ND	61.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	9/24/2021	89.05	27.70	ND	ND	61.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2021	89.05	27.92	ND	ND	61.13	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/15/2022	89.05	27.80	ND	ND	61.25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/8/2022	89.05	27.52	ND	ND	61.53	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-10D	9/10/2011	82.61	28.18	ND	ND	54.43	ND(5)	ND(5)	ND(5)	ND(5)	26	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	2.0	0.077	NA	
	12/8/2011	82.61	26.77	ND	ND	55.84	ND(5)	ND(5)	ND(5)	ND(5)	75	230	ND(5)	ND(5)	ND(5)	ND(5)	2.1	0.084	NA	
	3/27/2012	82.61	28.15	ND	ND	54.46	ND(5)	ND(5)	ND(5)	ND(5)	400	980	20	ND(5)	ND(5)	ND(5)	0.97	0.38	NA	
	6/11/2012	82.61	28.69	ND	ND	53.92	ND(5)	ND(5)	ND(5)	ND(5)	140	350	6	ND(5)	ND(5)	ND(5)	0.13	0.080	NA	
	8/29/2012	82.61	29.31	ND	ND	53.30	ND(5)	ND(5)	ND(5)	ND(5)	420	1300	21	ND(5)	ND(5)	ND(5)	0.26	0.57	NA	
	11/17/2012	82.61	29.00	ND	ND	53.61	ND(5)	ND(5)	ND(5)	ND(5)	350	1300	18	ND(5)	ND(5)	ND(5)	ND(0.095)	0.33	ND(250)	
	4/5/2013	82.61	30.80	ND	ND	51.81	ND(5)	ND(5)	ND(5)	ND(5)	93	240	ND(5)	ND(5)	ND(5)	ND(5)	0.23	0.19	ND(250)	
	6/21/2013	82.61	30.30	ND	ND	52.31	ND(5)	ND(5)	ND(5)	ND(5)	320	1200	18	ND(5)	ND(5)	ND(5)	0.51	0.37	ND(250)	
	9/18/2013	82.61	29.32	ND	ND	53.29	ND(5)	ND(5)	ND(5)	ND(5)	270	880	14	ND(5)	ND(5)	ND(5)	0.18	0.26	ND(250)	
	12/12/2013	82.61	29.32	ND	ND	53.29	ND(5)	ND(5)	ND(5)	ND(5)	37	100	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	0.074	ND(250)	
	3/20/2014	82.61	28.82	ND	ND	53.79	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	6/30/2014	82.61	29.33	ND	ND	53.28	2	ND(1)	ND(1)	ND(1)	280	790	15	ND(1)	2	ND(5)	ND(0.10)	0.24	ND(250)	
	9/22/2014	82.61	29.44	ND	ND	53.17	1	ND(1)	ND(1)	ND(1)	210	590	11	ND(1)	2	ND(5)	ND(0.10)	NA	ND(250)	
	12/8/2014	82.61	29.06	ND	ND	53.55	2	ND(1)	ND(1)	ND(1)	300	890	18	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	3/24/2015	82.61	29.77	ND	ND	52.84	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/24/2015	82.61	29.65	ND	ND	52.96	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/31/2015	82.61	26.24	ND	ND	56.37	ND(1)	ND(1)	ND(1)	ND(1)	92	180	5	ND(1)	1	ND(5)	ND(0.10)	NA	ND(250)	
	12/21/2015	82.61	27.06	ND	ND	55.55	ND(5)	ND(5)	ND(5)	ND(5)	220	650	8	ND(5)	ND(5)	ND(25)	0.25	NA	ND(1300)	
	3/8/2016	82.61	29.08	ND	ND	53.53	2	ND(1)	ND(1)	ND(1)	180	410	9	ND(1)	2	ND(5)	ND(0.10)	NA	ND(250)	
	6/9/2016	82.61	29.33	ND	ND	53.28	ND(1)	ND(1)	ND(1)	ND(1)	60	170	3	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/30/2016	82.61	29.67	ND	ND	52.94	3	ND(1)	ND(1)	ND(1)	240	590	14	ND(1)	3	ND(5)	0.13	NA	ND(250)	
	11/29/2016	82.61	30.06	ND	ND	52.55	2	ND(1)	ND(1)	ND(1)	220	550	12	ND(1)	2	ND(5)	ND(0.10)	NA	ND(250)	
	3/7/2017	82.61	30.95	ND	ND	51.66	3	ND(1)	ND(1)	ND(1)	230	590	12	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	6/19/2017	82.61	30.71	ND	ND	51.90	2	ND(1)	ND(1)	ND(1)	220	500	11	ND(1)	2	ND(5)	ND(0.10)	NA	NA	
	8/21/2017	82.61	30.48	ND	ND	52.13	3	ND(1)	ND(1)	ND(1)	270	610	14	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	11/15/2017	82.61	32.49	ND	ND	50.12	3	ND(1)	ND(1)	ND(1)	230	570	12	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	
	2/20/2018	82.61	29.97	ND	ND	52.64	1	ND(1)	ND(1)	ND(1)	180	430	11	ND(1)	3	ND(5)	0.10	NA	ND(250)	
	5/30/2018	82.61	29.75	ND	ND	52.86	1	ND(1)	ND(1)	ND(1)	230	460	14	ND(1)	3	ND(5)	ND(0.10)	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-10D	8/20/2018	82.61	29.47	ND	ND	53.14	2	ND(1)	ND(1)	ND(5)	170	420	11	ND(1)	3	ND(10)	ND(0.10)	NA	ND(500)	
	11/7/2018	82.61	28.80	ND	ND	53.81	2	ND(1)	ND(1)	ND(5)	210	500	15	ND(1)	4	ND(10)	ND(0.10)	NA	ND(500)	
	2/5/2019	82.61	28.62	ND	ND	53.99	ND(1)	ND(1)	ND(1)	ND(5)	42	120	3	ND(1)	1	ND(10)	ND(0.10)	NA	ND(500)	
	5/14/2019	82.61	28.58	ND	ND	54.03	1	ND(1)	ND(1)	ND(5)	150	340	11	ND(1)	3	ND(10)	ND(0.10)	NA	ND(500)	
	9/11/2019	82.61	29.35	ND	ND	53.26	ND(1)	ND(1)	ND(1)	ND(5)	180	410	13	ND(1)	3	ND(10)	0.51	NA	ND(500)	
	12/11/2019	82.61	29.42	ND	ND	53.19	ND(1)	ND(1)	ND(1)	ND(3)	8	25	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/18/2020	82.61	29.05	ND	ND	53.56	ND(1)	ND(1)	ND(1)	ND(5)	180	390	12	ND(1)	3	ND(10)	ND(0.10)	NA	ND(500)	
	5/28/2020	82.61	29.79	ND	ND	52.82	ND(1)	ND(1)	ND(1)	ND(5)	170	370	12	ND(1)	3	ND(10)	ND(0.10)	NA	ND(500)	
	9/2/2020	82.61	29.57	ND	ND	53.04	2.8	ND(1.0)	ND(1.0)	ND(6.0)	55	77	ND(5.0)	ND(1.0)	1.3	ND(5.0)	ND(0.11)	NA	ND(750)	
	12/30/2020	82.61	28.72	ND	ND	53.89	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	160	320	14	ND(1.0)	3.7	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	82.61	29.16	ND	ND	53.45	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	140	300	10	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	6/3/2021	82.61	29.54	ND	ND	53.07	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	150	240	13	ND(1.0)	3.6	ND(5.0)	ND(0.11)	NA	ND(750)	
	9/24/2021	82.61	29.27	ND	ND	53.34	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	150	260	12	ND(1.0)	2.7	ND(5.0)	ND(0.11)	NA	ND(750)	
	12/9/2021	82.61	29.32	ND	ND	53.29	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	150	330	12	ND(1.0)	3.0	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/15/2022	82.61	30.40	ND	ND	52.21	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	76	83	6.0	ND(1.0)	1.7	ND(5.0)	2.0	NA	ND(750)	
	6/8/2022	82.61	30.18	ND	ND	52.43	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	130	260	11	ND(1.0)	3.1	ND(5.0)	ND(0.11)	NA	ND(750)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-12	9/10/2011	70.57	30.52	ND	ND	40.05	ND(5)	ND(5)	ND(5)	ND(5)	6	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(1.0)	ND(0.050)	NA	
	12/16/2011	70.57	30.77	ND	ND	39.80	ND(5)	ND(5)	ND(5)	ND(5)	6	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	3/27/2012	70.57	30.76	ND	ND	39.81	ND(5)	ND(5)	ND(5)	ND(5)	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	6/11/2012	70.57	30.97	ND	ND	39.60	ND(5)	ND(5)	ND(5)	ND(5)	6	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	8/29/2012	70.57	31.75	ND	ND	38.82	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	11/17/2012	70.57	32.56	ND	ND	38.01	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	4/5/2013	70.57	33.02	ND	ND	37.55	ND(5)	ND(5)	ND(5)	ND(5)	7	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.40	ND(0.050)	ND(250)	
	6/21/2013	70.57	31.31	ND	ND	39.26	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.099)	ND(0.050)	ND(250)	
	9/18/2013	70.57	31.03	ND	ND	39.54	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	ND(250)	
	12/12/2013	70.57	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/20/2014	70.57	30.54	ND	ND	40.03	ND(5)	ND(5)	ND(5)	ND(5)	16	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	6/30/2014	70.57	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible
	9/22/2014	70.57	30.82	ND	ND	39.75	ND(1)	ND(1)	ND(1)	ND(1)	160	510	8	ND(1)	2	ND(5)	ND(0.10)	NA	ND(250)	*
	10/15/2014	70.57	30.11	ND	ND	40.46	ND(1)	ND(1)	ND(1)	ND(1)	5	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA	NA	
	12/8/2014	70.57	31.00	ND	ND	39.57	ND(1)	ND(1)	ND(1)	ND(1)	5	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/24/2015	70.57	30.05	ND	ND	40.52	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/24/2015	70.57	29.81	ND	ND	40.76	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/31/2015	70.57	29.72	ND	ND	40.85	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	12/21/2015	70.57	30.61	ND	ND	39.96	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(100)	ND(5)	ND(5)	ND(5)	ND(25)	ND(0.10)	NA	ND(1300)	
	3/8/2016	70.57	29.03	ND	ND	41.54	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/9/2016	70.57	28.89	ND	ND	41.68	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/30/2016	70.57	29.97	ND	ND	40.60	ND(1)	ND(1)	ND(1)	ND(1)	3	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	11/29/2016	70.57	31.33	ND	ND	39.24	ND(1)	ND(1)	ND(1)	ND(1)	3	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/7/2017	70.57	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Well Abandoned 3/24/17

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-13	4/5/2013	85.54	37.45	ND	ND	48.09	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	6/21/2013	85.54	36.88	ND	ND	48.66	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	9/18/2013	85.54	36.56	ND	ND	48.98	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)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	3/20/2014	85.54	36.36	ND	ND	49.18	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	6/30/2014	85.54	36.24	ND	ND	49.30	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	9/22/2014	85.54	36.51	ND	ND	49.03	1	ND(1)	ND(1)	ND(1)	180	520	9	ND(1)	2	ND(5)	ND(0.10)	NA	ND(250)	*
	10/15/2014	85.54	36.51	ND	ND	49.03	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA	NA	
	12/8/2014	85.54	36.85	ND	ND	48.69	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/24/2015	85.54	36.98	ND	ND	48.56	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	430	
	6/24/2015	85.54	36.78	ND	ND	48.76	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.34	NA	ND(250)	
	8/31/2015	85.54	36.56	ND	ND	48.98	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	12/21/2015	85.54	36.96	ND	ND	48.58	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(100)	ND(5)	ND(5)	ND(5)	ND(25)	ND(0.10)	NA	ND(1300)	
	3/8/2016	85.54	36.63	ND	ND	48.91	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/9/2016	85.54	36.57	ND	ND	48.97	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/30/2016	85.54	36.86	ND	ND	48.68	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	11/29/2016	85.54	37.34	ND	ND	48.20	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/7/2017	85.54	37.52	ND	ND	48.02	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/19/2017	85.54	37.38	ND	ND	48.16	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	NA	
	8/21/2017	85.54	37.22	ND	ND	48.32	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	11/15/2017	85.54	37.02	ND	ND	48.52	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	2/20/2018	85.54	37.04	ND	ND	48.50	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	5/30/2018	85.54	35.92	ND	ND	49.62	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/20/2018	85.54	36.04	ND	ND	49.50	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	11/7/2018	85.54	35.78	ND	ND	49.76	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/5/2019	85.54	35.34	ND	ND	50.20	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	5/14/2019	85.54	35.27	ND	ND	50.27	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	9/11/2019	85.54	36.12	ND	ND	49.42	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	**Date**	**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)**	**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)**	**Ethanol (µg/L)**	**Comments**
MW-13	12/11/2019	85.54	36.23	ND	ND	49.31	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/18/2020	85.54	36.70	ND	ND	48.84	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	5/28/2020	85.54	36.49	ND	ND	49.05	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	9/2/2020	85.54	36.48	ND	ND	49.06	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.12)	NA	ND(750)	
	12/30/2020	85.54	36.49	ND	ND	49.05	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	85.54	36.18	ND	ND	49.36	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	6/3/2021	85.54	36.36	ND	ND	49.18	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	
	9/24/2021	85.54	36.36	ND	ND	49.18	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	
	12/9/2021	85.54	36.71	ND	ND	48.83	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/15/2022	85.54	36.59	ND	ND	48.95	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	
	6/8/2022	85.54	36.48	ND	ND	49.06	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
MW-14	4/5/2013	65.09	31.03	ND	ND	34.06	ND(5)	ND(5)	ND(5)	ND(5)	15	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.099)	ND(0.050)	ND(250)	
	6/21/2013	65.09	30.59	ND	ND	34.50	ND(5)	ND(5)	ND(5)	ND(5)	12	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.12	ND(0.050)	ND(250)	
	9/18/2013	65.09	30.31	ND	ND	34.78	ND(5)	ND(5)	ND(5)	ND(5)	16	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	ND(250)	
	12/12/2013	65.09	30.62	ND	ND	34.47	ND(5)	ND(5)	ND(5)	ND(5)	14	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	3/20/2014	65.09	29.82	ND	ND	35.27	ND(5)	ND(5)	ND(5)	ND(5)	16	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	6/30/2014	65.09	29.91	ND	ND	35.18	ND(1)	ND(1)	ND(1)	ND(1)	12	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	9/22/2014	65.09	30.65	ND	ND	34.44	ND(1)	ND(1)	ND(1)	ND(1)	12	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	12/8/2014	65.09	32.44	ND	ND	32.65	ND(1)	ND(1)	ND(1)	ND(1)	5	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/24/2015	65.09	30.27	ND	ND	34.82	ND(1)	ND(1)	ND(1)	ND(1)	9	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/24/2015	65.09	30.24	ND	ND	34.85	ND(1)	ND(1)	ND(1)	ND(1)	9	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/31/2015	65.09	30.70	ND	ND	34.39	ND(1)	ND(1)	ND(1)	ND(1)	8	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	12/21/2015	65.09	30.67	ND	ND	34.42	ND(1)	ND(1)	ND(1)	ND(1)	7	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/8/2016	65.09	29.86	ND	ND	35.23	ND(1)	ND(1)	ND(1)	ND(1)	8	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/9/2016	65.09	30.11	ND	ND	34.98	ND(1)	ND(1)	ND(1)	ND(1)	6	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/30/2016	65.09	30.64	ND	ND	34.45	ND(1)	ND(1)	ND(1)	ND(1)	8	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	11/29/2016	65.09	31.19	ND	ND	33.90	ND(1)	ND(1)	ND(1)	ND(1)	6	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/7/2017	65.09	31.20	ND	ND	33.89	ND(1)	ND(1)	ND(1)	ND(1)	5	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/19/2017	65.09	30.35	ND	ND	34.74	ND(1)	ND(1)	ND(1)	ND(1)	6	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	NA	
	8/21/2017	65.09	30.55	ND	ND	34.54	ND(1)	ND(1)	ND(1)	ND(1)	6	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	11/15/2017	65.09	30.59	ND	ND	34.50	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	2/20/2018	65.09	30.20	ND	ND	34.89	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	5/30/2018	65.09	29.43	ND	ND	35.66	ND(1)	ND(1)	ND(1)	ND(1)	6	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	8/20/2018	65.09	29.68	ND	ND	35.41	ND(1)	ND(1)	ND(1)	ND(5)	4	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	11/7/2018	65.09	29.57	ND	ND	35.52	ND(1)	ND(1)	ND(1)	ND(5)	5	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/5/2019	65.09	29.16	ND	ND	35.93	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	5/14/2019	65.09	29.07	ND	ND	36.02	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	9/11/2019	65.09	29.77	ND	ND	35.32	ND(1)	ND(1)	ND(1)	ND(5)	4	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	12/11/2019	65.09	29.81	ND	ND	35.28	ND(1)	ND(1)	ND(1)	ND(3)	3	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	**Date**	**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)**	**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)**	**Ethanol (µg/L)**	**Comments**
MW-14	2/18/2020	65.09	29.80	ND	ND	35.29	ND(1)	ND(1)	ND(1)	ND(3)	4	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	5/28/2020	65.09	29.50	ND	ND	35.59	ND(1)	ND(1)	ND(1)	ND(5)	3	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	9/2/2020	65.09	29.44	ND	ND	35.65	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	3.3	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	12/30/2020	65.09	29.61	ND	ND	35.48	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	3.0	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	65.09	29.32	ND	ND	35.77	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	3.1	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	6/3/2021	65.09	30.13	ND	ND	34.96	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.6	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	
	9/24/2021	65.09	30.03	ND	ND	35.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2021	65.09	30.44	ND	ND	34.65	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.0	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/15/2022	65.09	30.00	ND	ND	35.09	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.2	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	
	6/8/2022	65.09	29.89	ND	ND	35.20	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.9	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
TF-1	3/30/2006	NSVD	4.77	ND	ND	NSVD	106	121	ND(10)	ND(10)	6900	1120	150	58.1	41.6 J	ND(50)	0.304	6.92	NA	
	8/16/2006	NSVD	1.75	ND	ND	NSVD	323	222	10.8	33.8	10400	30300	66.3	64.7	26.6	ND(50)	3.09	8.98	NA	
	2/28/2007	NSVD	2.28	ND	ND	NSVD	149	20.0	845	990	3240	18400	ND(25)	ND(25)	34.8	191	6.82	19.8	NA	
	6/7/2007	NSVD	2.71	ND	ND	NSVD	92.2	3.6	65.9	3.6	151	1410	9.0	ND(5.0)	27.2	ND(5.0)	1.84	2.04	NA	
	10/2/2007	NSVD	3.16	ND	ND	NSVD	137	1.8	92.4	4.3	145	8080	ND(5.0)	12.6	29.2	7.2	1.03	1.80	NA	
	3/27/2008	NSVD	2.47	ND	ND	NSVD	10.3	ND(1.0)	1.6	0.56	10.1	688	ND(5.0)	1.2	1.4	ND(5.0)	0.545	0.619	NA	
	9/24/2008	NSVD	2.91	ND	ND	NSVD	14.5	0.65	4.1	9.3	8.9	294	ND(5.0)	0.54	1.3	10.1	1.06	2.17	NA	
	3/23/2009	NSVD	2.85	ND	ND	NSVD	45.7	140	62.8	197	11.5	292	3.9	3.3	9.9	5.4	0.895	2.15	NA	
	9/5/2009	NSVD	2.65	ND	ND	NSVD	0.73	ND(1.0)	ND(1.0)	0.34	12.1	181	2.0	2.2	10.2	ND(5.0)	0.474	0.298	NA	
	1/26/2010	NSVD	2.52	ND	ND	NSVD	1.1	ND(1.0)	ND(1.0)	0.35	1.9	9.7	ND(5.0)	ND(5.0)	0.53	ND(5.0)	0.220	0.393	NA	
	10/7/2010	NSVD	2.88	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.69	ND(0.05)	NA	
	4/14/2011	NSVD	2.07	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.3	0.53	NA	
	9/10/2011	NSVD	1.86	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.2	0.081	NA	
	12/8/2011	NSVD	2.01	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.85	0.13	NA	
	3/27/2012	NSVD	2.81	ND	ND	NSVD	18	22	9	11	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.76	0.15	NA	
	6/11/2012	NSVD	2.55	ND	ND	NSVD	9	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	8.6	0.41	NA	
	8/29/2012	NSVD	2.65	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.50	0.051	NA	
	11/17/2012	NSVD	2.55	ND	ND	NSVD	6	6	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.28	0.16	ND(250)	
	4/5/2013	NSVD	2.25	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.65	ND(0.050)	ND(250)	
	6/21/2013	NSVD	1.97	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.39	ND(0.050)	ND(250)	
	9/18/2013	NSVD	2.90	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.38	ND(0.050)	ND(250)	
	12/12/2013	NSVD	1.96	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.12	0.071	ND(250)	
	3/20/2014	NSVD	2.51	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	6/30/2014	NSVD	2.40	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.24	ND(0.050)	ND(250)	
	9/22/2014	NSVD	2.65	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	140	380	7	ND(1)	2	ND(5)	ND(0.10)	NA	ND(250)	*
	12/8/2014	NSVD	2.04	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/24/2015	NSVD	2.25	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/24/2015	NSVD	2.01	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.21	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
TF-1	8/31/2015	NSVD	2.55	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	12/21/2015	NSVD	2.31	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/8/2016	NSVD	2.35	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/9/2016	NSVD	2.21	ND	ND	NSVD	14	6	ND(1)	3	1	ND(20)	2	ND(1)	15	ND(5)	0.12	NA	ND(250)	
	8/30/2016	NSVD	2.50	ND	ND	NSVD	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	2	ND(5)	ND(0.10)	NA	ND(250)	
	11/29/2016	NSVD	2.89	ND	ND	NSVD	1	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.11	NA	ND(250)	
	3/7/2017	NSVD	2.73	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/19/2017	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/21/2017	NSVD	1.85	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.11	NA	ND(250)	
	11/15/2017	NSVD	6.55	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.60	NA	ND(250)	
	2/20/2018	NSVD	5.09	ND	ND	NSVD	17	42	3	31	3	ND(20)	ND(1)	ND(1)	1	ND(5)	0.24	NA	ND(250)	
	5/30/2018	NSVD	2.03	ND	ND	NSVD	21	12	3	18	3	ND(20)	ND(1)	ND(1)	1	ND(5)	0.20	NA	ND(250)	
	8/20/2018	NSVD	2.01	ND	ND	NSVD	8	ND(1)	1	ND(5)	2	ND(25)	ND(1)	ND(1)	4	ND(10)	0.15	NA	ND(500)	
	11/7/2018	NSVD	1.73	ND	ND	NSVD	2	ND(1)	ND(1)	ND(5)	2	ND(25)	ND(1)	ND(1)	1	ND(10)	0.13	NA	ND(500)	
	2/5/2019	NSVD	0.12	ND	ND	NSVD	3	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	0.58	NA	ND(500)	
	5/14/2019	NSVD	0.11	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	9/11/2019	NSVD	2.63	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	0.21	NA	ND(500)	
	12/11/2019	NSVD	2.71	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/18/2020	NSVD	2.09	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	5/28/2020	NSVD	1.90	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	9/2/2020	NSVD	2.13	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	12/30/2020	NSVD	2.01	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	NSVD	1.98	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.17	NA	ND(750)	
	6/3/2021	NSVD	1.97	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	9/24/2021	NSVD	1.73	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	12/9/2021	NSVD	3.49	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/15/2022	NSVD	1.19	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.11	NA	ND(750)	
	6/8/2022	NSVD	2.07	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
TF-2	3/30/2006	NSVD	3.63	ND	ND	NSVD	46.2	ND(1.0)	ND(1.0)	ND(1.0)	10.1	3120	2.5 J	1.0 J	41.3	ND(5.0)	1.18	0.392	NA	
	8/16/2006	NSVD	2.40	ND	ND	NSVD	207	909	708	3210	28900	5660	146	44.1	ND(130)	168	3.15	28.6	NA	
	2/28/2007	NSVD	1.14	ND	ND	NSVD	220	12.0	619	2120	753	29000	10.7	51.5	20.7	135	3.43	16.7	NA	
	6/7/2007	NSVD	1.55	ND	ND	NSVD	194	ND(10)	717	1130	249	21600	ND(50)	37.4	50.9	175	4.49	13.5	NA	
	10/2/2007	NSVD	1.99	ND	ND	NSVD	165	2.6	641	655	29.1	21900	ND(25)	29.0	25.6	192	2.69	8.67	NA	
	3/27/2008	NSVD	0.31	ND	ND	NSVD	75.5	1.8	218	334	40.4	4720	ND(5.0)	9.1	14.0	100	2.66	6.48	NA	
	9/24/2008	NSVD	1.57	ND	ND	NSVD	48.9	7.4	73.1	222	18.1	541	ND(5.0)	1.6	8.0	87.6	1.34	4.89	NA	
	3/23/2009	NSVD	1.45	ND	ND	NSVD	144	169	27.8	113	22.2	417	ND(5.0)	6.2	18.6	59.4	1.37	3.90	NA	
	9/5/2009	NSVD	1.37	ND	ND	NSVD	173	12.2	3.5	13.0	19.2	594	ND(5.0)	6.3	20.1	60.5	1.21	2.35	NA	
	1/26/2010	NSVD	1.16	ND	ND	NSVD	28.2	0.59	0.63	2.7	9.1	135	1.5	1.1	4.1	21.0	0.880	2.01	NA	
	10/7/2010	NSVD	1.70	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.95	ND(0.05)	NA	
	4/14/2011	NSVD	0.88	ND	ND	NSVD	6	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	2.3	0.47	NA	
	9/10/2011	NSVD	0.32	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	2.3	0.56	NA	
	12/8/2011	NSVD	0.70	ND	ND	NSVD	5	ND(5)	ND(5)	ND(5)	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.5	0.59	NA	
	3/27/2012	NSVD	1.54	ND	ND	NSVD	8	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.5	0.58	NA	
	6/11/2012	NSVD	1.33	ND	ND	NSVD	15	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.2	0.57	NA	
	8/29/2012	NSVD	1.40	ND	ND	NSVD	16	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.8	0.56	NA	
	11/17/2012	NSVD	1.30	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.52	0.36	ND(250)	
	4/5/2013	NSVD	1.00	ND	ND	NSVD	6	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.2	0.31	ND(250)	
	6/21/2013	NSVD	0.71	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.60	0.17	ND(250)	
	9/18/2013	NSVD	1.35	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	9	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.1	0.38	ND(250)	
	12/12/2013	NSVD	0.68	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.33	0.24	ND(250)	
	3/20/2014	NSVD	1.02	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	6/30/2014	NSVD	1.08	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.53	0.22	ND(250)	
	9/22/2014	NSVD	1.43	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	150	410	7	ND(1)	2	ND(5)	ND(0.10)	NA	ND(250)	*
	12/8/2014	NSVD	0.70	ND	ND	NSVD	2	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.39	NA	ND(250)	
	3/24/2015	NSVD	1.11	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/24/2015	NSVD	1.02	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.20	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
TF-2	8/31/2015	NSVD	1.31	ND	ND	NSVD	9	2	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.54	NA	ND(250)	
	12/21/2015	NSVD	1.10	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	3/8/2016	NSVD	1.10	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	NA	ND(250)	
	6/9/2016	NSVD	1.12	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	1.9	NA	ND(250)	
	8/30/2016	NSVD	1.28	ND	ND	NSVD	2	1	ND(1)	1	1	ND(20)	ND(1)	ND(1)	1	ND(5)	0.31	NA	ND(250)	
	11/29/2016	NSVD	1.63	ND	ND	NSVD	2	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.49	NA	ND(250)	
	3/7/2017	NSVD	1.44	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.24	NA	ND(250)	
	6/19/2017	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/21/2017	NSVD	0.65	ND	ND	NSVD	3	1	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	2.3	NA	ND(250)	
	11/15/2017	NSVD	5.20	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	1.5	NA	ND(250)	
	2/20/2018	NSVD	3.67	ND	ND	NSVD	4	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.42	NA	ND(250)	
	5/30/2018	NSVD	0.61	ND	ND	NSVD	5	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.37	NA	ND(250)	
	8/20/2018	NSVD	0.61	ND	ND	NSVD	4	ND(1)	ND(1)	ND(5)	1	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	0.53	NA	ND(500)	
	11/7/2018	NSVD	0.25	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(5)	2	ND(25)	ND(1)	ND(1)	1	ND(10)	0.57	NA	ND(500)	
	2/5/2019	NSVD	0.72	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	5/14/2019	NSVD	0.70	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	9/11/2019	NSVD	1.96	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	12/11/2019	NSVD	1.87	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/18/2020	NSVD	0.78	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	5/28/2020	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessable
	9/2/2020	NSVD	0.63	ND	ND	NSVD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/30/2020	NSVD	0.61	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	NSVD	0.45	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.16	NA	ND(750)	
	6/3/2021	NSVD	0.54	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	9/24/2021	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/9/2021	NSVD	1.12	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.11	NA	ND(750)	
	3/15/2022	NSVD	0.79	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	6/8/2022	NSVD	0.61	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.77	NA	ND(750)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
TF-3	3/30/2006	NSVD	4.84	ND	ND	NSVD	14.3	0.81 J	0.61 J	8.9	173	2110	9.5	2.6 J	14.6	ND(5.0)	2.44	0.652	NA	
	8/16/2006	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	2/28/2007	NSVD	0.92	ND	ND	NSVD	257	19.8	568	1820	778	27700	ND(25)	ND(25)	8.4 J	98.8	9.42	11.8	NA	
	6/7/2007	NSVD	0.42	ND	ND	NSVD	173	13.8	444	794	423	23600	ND(13)	34.1	7.5	110	4.82	6.15	NA	
	10/2/2007	NSVD	1.51	ND	ND	NSVD	97.9	3.6	48.0	157	17.5	12400	ND(5.0)	14.0	4.9 J	157	2.71	2.77	NA	
	3/27/2008	NSVD	0.27	ND	ND	NSVD	41.1	6.7	9.3	254	60.1	3270	ND(5.0)	5.4	3.6	89.2	30.7	1.65	NA	
	9/24/2008	NSVD	0.96	ND	ND	NSVD	23.4	2.0	1.2	17.7	12.2	1040	ND(5.0)	1.7	4.0	88.6	1.56	0.727	NA	
	3/23/2009	NSVD	0.77	ND	ND	NSVD	48.7	25.5	7.2	42.1	21.7	547	3.2 J	2.8 J	7.4	53.7	21.3	0.994	NA	
	9/5/2009	NSVD	1.00	ND	ND	NSVD	106	16.3	1.5	24.9	33.0	647	3.3	5.1	16.7	62.5	3.11	1.25	NA	
	1/26/2010	NSVD	0.40	ND	ND	NSVD	23.5	2.7	2.3	9.0	12.4	161	1.1 J	0.62 J	2.1 J	22.3	0.869	1.55	NA	
	10/7/2010	NSVD	1.04	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	2.1	ND(0.05)	NA	
	4/14/2011	NSVD	0.67	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.7	0.46	NA	
	9/10/2011	NSVD	0.02	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	14	0.059	NA	
	12/8/2011	NSVD	0.80	ND	ND	NSVD	21	ND(5)	ND(5)	ND(5)	7	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	4.6	0.20	NA	
	3/27/2012	NSVD	0.98	ND	ND	NSVD	ND(50)	ND(50)	ND(50)	86	ND(50)	ND(800)	ND(50)	ND(50)	ND(50)	ND(50)	12	1.3	NA	
	6/11/2012	NSVD	1.17	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.59	ND(0.050)	NA	
	8/29/2012	NSVD	0.95	ND	ND	NSVD	16	6	ND(5)	ND(5)	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	3.0	0.23	NA	
	11/17/2012	NSVD	0.63	ND	ND	NSVD	11	ND(5)	ND(5)	7	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	29	0.29	ND(250)	
	4/5/2013	NSVD	0.90	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	30	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	18	0.32	650	
	6/21/2013	NSVD	0.26	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	36	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	35	0.29	ND(250)	
	9/18/2013	NSVD	0.40	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	3.4	0.30	ND(250)	
	12/12/2013	NSVD	0.92	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.5	0.28	ND(250)	
	3/20/2014	NSVD	0.11	ND	ND	NSVD	ND(5)	8	ND(5)	13	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	16	0.20	520	
	4/18/2014	NSVD	0.99	ND	ND	NSVD	9	16	12	39	3	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA	ND(250)	
	6/30/2014	NSVD	0.90	ND	ND	NSVD	8	3	1	11	3	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	2.3	0.19	ND(250)	
	9/22/2014	NSVD	1.39	ND	ND	NSVD	6	3	ND(1)	2	6	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	1.2	NA	ND(250)	*
	12/8/2014	NSVD	0.89	ND	ND	NSVD	1	ND(1)	ND(1)	2	2	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	14	NA	ND(250)	
	3/24/2015	NSVD	NM	NM	NM	NM	10	5	ND(1)	6	2	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	1.3	NA	ND(250)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	Date	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)	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)	Ethanol (µg/L)	Comments
TF-3	6/24/2015	NSVD	1.00	ND	ND	NSVD	8	1	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	1.0	NA	ND(250)	
	8/31/2015	NSVD	0.70	ND	ND	NSVD	4	ND(1)	ND(1)	ND(1)	2	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	110	NA	ND(250)	
	12/21/2015	NSVD	NM	NM	NM	NM	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	1.8	NA	ND(250)	
	3/8/2016	NSVD	0.27	ND	ND	NSVD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	6/9/2016	NSVD	0.17	ND	ND	NSVD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/30/2016	NSVD	0.67	ND	ND	NSVD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	11/29/2016	NSVD	0.30	ND	ND	NSVD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	3/7/2017	NSVD	0.80	ND	ND	NSVD	2	3	1	7	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	7	41	NA	ND(250)	
	6/19/2017	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	8/21/2017	NSVD	0.45	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.10	NA	ND(250)	
	11/15/2017	NSVD	3.85	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.69	NA	ND(250)	
	2/20/2018	NSVD	0.10	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	8.3	NA	ND(250)	
	5/30/2018	NSVD	1.03	ND	ND	NSVD	2	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.49	NA	ND(250)	
	8/20/2018	NSVD	0.50	ND	ND	NSVD	2	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	1.4	NA	ND(500)	
	11/7/2018	NSVD	0.23	ND	ND	NSVD	2	ND(1)	ND(1)	ND(5)	2	ND(25)	3	ND(1)	10	ND(10)	1.8	NA	ND(500)	
	2/5/2019	NSVD	2.29	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	5/14/2019	NSVD	2.21	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	9/11/2019	NSVD	0.60	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	3.3	NA	ND(500)	
	12/11/2019	NSVD	0.73	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	ND(0.10)	NA	ND(500)	
	2/18/2020	NSVD	0.30	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(3)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	0.83	NA	ND(500)	
	5/28/2020	NSVD	0.31	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(5)	ND(1)	ND(25)	ND(1)	ND(1)	ND(1)	ND(10)	0.47	NA	ND(500)	
	9/2/2020	NSVD	0.60	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.19	NA	ND(750)	
	12/30/2020	NSVD	0.21	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	3/4/2021	NSVD	0.01	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(6.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.77	NA	ND(750)	
	6/3/2021	NSVD	0.01	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.18	NA	ND(750)	
	9/24/2021	NSVD	0.01	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.62	NA	ND(750)	
	12/9/2021	NSVD	0.83	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.45	NA	ND(750)	
	3/15/2022	NSVD	0.01	ND	ND	NSVD	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.52	NA	ND(750)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

		Gauging Data					Analytical Data													
Sample ID	**Date**	**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)**	**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)**	**Ethanol (µg/L)**	**Comments**
TF-3	6/8/2022	NSVD	0.43	ND	ND	NSVD	2.2	1.4	ND(1.0)	ND(1.0)	ND(1.0)	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.27	NA	ND(750)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 8, 2022

Notes:

* - The results of samples collected from BR-1, MW-12, MW-13, TF-1, and TF-2 on 9/22/2014 are not representative of site conditions. Inadequate decontamination of equipment occurred during that sampling event. The monitoring wells were resampled 10/15/14.

µg/L - micrograms per liter (µg/L)

GW - Groundwater

J - Indicates an estimated value

mg/L - milligram per liter (mg/L)

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

Table 2

Potable Well Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
October 5, 2010 through December 9, 2021

Well ID	Date	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)	Comments
803 Perryville Road	8/29/2013	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)	
1812 Perryville Rd	8/29/2013	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)	
1825 Perryville PI	7/7/2011	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)	
	12/16/2011	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)	
	3/27/2012	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)	
	6/5/2012	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)	
	9/10/2012	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)	
	9/18/2013	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)	
	3/24/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	13	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	6/30/2014	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)	
	9/12/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	12	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/18/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	11	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	3/24/2015	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	10	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	6/24/2015	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	10	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	8/21/2015	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	9.1	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/21/2015	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	8.7	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	3/7/2016	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	9.3	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	8/29/2016	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	9.0	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/19/2016	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)	

Kleinfelder
1745 Dorsey Road Suite J, Hanover, MD

Table 2 (Continued)

Potable Well Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
October 5, 2010 through December 9, 2021

Well ID	Date	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)	Comments
1825 Perryville PM	7/7/2011	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)	
	12/16/2011	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)	
	3/27/2012	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)	
	6/5/2012	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)	
	9/10/2012	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)	
	9/18/2013	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)	
	3/24/2014	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)	
	6/30/2014	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)	
	9/12/2014	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)	
	12/18/2014	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)	
	3/24/2015	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)	
	6/24/2015	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)	
	8/21/2015	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	0.7	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/21/2015	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)	
	3/7/2016	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)	
	8/29/2016	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	2.0	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/19/2016	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	2.3	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	

Table 2 (Continued)

Potable Well Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
October 5, 2010 through December 9, 2021

Well ID	Date	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)	Comments
1825 Perryville PE	7/7/2011	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)	
	12/16/2011	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)	
	3/27/2012	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)	
	6/5/2012	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)	
	9/10/2012	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)	
	9/18/2013	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)	
	3/24/2014	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)	
	6/30/2014	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)	
	9/12/2014	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)	
	12/18/2014	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)	
	3/24/2015	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)	
	6/24/2015	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)	
	8/21/2015	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)	
	12/21/2015	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)	
	3/7/2016	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)	
	8/29/2016	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)	
	12/19/2016	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	7.2	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
1825 Perryville Rd	10/5/2010	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)	

Table 2 (Continued)

Potable Well Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
October 5, 2010 through December 9, 2021

Well ID	Date	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)	Comments
1836 Perryville Rd	4/14/2011	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)	
	7/7/2011	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)	
	12/16/2011	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)	
	3/28/2012	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)	
	6/5/2012	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)	
	9/10/2012	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)	
	12/14/2012	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)	
	3/20/2013	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)	
	6/21/2013	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)	
	8/29/2013	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)	
	12/12/2013	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)	
	3/20/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	3.9	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	6/30/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.9	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	9/22/2014	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)	
	12/18/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	4.7	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	3/24/2015	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.2	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	6/24/2015	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)	
	8/31/2015	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	4.4	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/21/2015	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	3.9	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	3/7/2016	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	4.4	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	6/9/2016	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	2.5	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	8/30/2016	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	2.9	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/19/2016	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	2.1	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	3/7/2017	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	2.1	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	6/19/2017	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	2.4	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	8/21/2017	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	4.5	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/14/2017	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	4.9	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	2/27/2018	ND(0.10)	ND(0.10)	ND(0.30)	ND(0.10)	BRL	4.8	ND(0.50)	0.13 J	ND(0.060)	ND(0.10)	ND(0.30)	

Table 2 (Continued)

Potable Well Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
October 5, 2010 through December 9, 2021

Well ID	Date	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)	Comments
1836 Perryville Rd	5/30/2018	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	4.8	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	8/20/2018	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	3.2	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	11/7/2018	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	4.1	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	2/5/2019	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	4.3	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	5/14/2019	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.2	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	9/11/2019	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Permission not granted for sampling
	12/11/2019	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Permission not granted for sampling
	3/17/2020	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Permission not granted for sampling
	5/28/2020	ND(0.5)	ND(0.5)	ND(0.5)	ND(1.0)	BRL	5.0	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/30/2020	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Home vacant and winterized
	3/4/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Home vacant and winterized
	6/3/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Permission not granted for sampling
	9/24/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Permission not granted for sampling

Table 2 (Continued)

Potable Well Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
October 5, 2010 through December 9, 2021

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
J - Indicates an estimated value
MTBE - Methyl Tert Butyl Ether
NA - Not analyzed
ND(5.0) - Not detected at or above the laboratory reporting limit, laboratory reporting limit included.
NS - Not sampled
TAME - Tertiary Amyl Methyl Ether
TBA - Tertiary Butyl Alcohol

Kleinfelder
1745 Dorsey Road Suite J, Hanover, MD

APPENDIX A

EUROFINS ANALYSIS REPORT

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 410-87289-1
Client Project/Site: Southside Oil 20025

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

Attn: Mark C Steele

Authorized for release by:
6/20/2022 7:28:14 PM

Megan Moeller, Client Services Manager
(717)556-7261
Megan.Moeller@et.eurofinsus.com

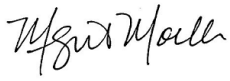
Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

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

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

This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.



Megan Moeller
Client Services Manager
6/20/2022 7:28:14 PM

Table of Contents

Sample Summary

Client: Kleinfelder Inc
Job ID: 410-87289-1
Project/Site: Southside Oil 20025

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-87289-1	MW-2	Groundwater	06/08/22 11:55	06/09/22 16:35
410-87289-2	MW-4	Groundwater	06/08/22 11:40	06/09/22 16:35
410-87289-3	MW-5	Groundwater	06/08/22 10:30	06/09/22 16:35
410-87289-4	MW-6	Groundwater	06/08/22 11:15	06/09/22 16:35
410-87289-5	MW-10D	Groundwater	06/08/22 10:50	06/09/22 16:35
410-87289-6	MW-13	Groundwater	06/08/22 08:15	06/09/22 16:35
410-87289-7	MW-14	Groundwater	06/08/22 13:00	06/09/22 16:35
410-87289-8	BR-1	Groundwater	06/08/22 08:15	06/09/22 16:35
410-87289-9	TF-1	Groundwater	06/08/22 09:30	06/09/22 16:35
410-87289-10	TF-2	Groundwater	06/08/22 10:05	06/09/22 16:35
410-87289-11	TF-3	Groundwater	06/08/22 08:55	06/09/22 16:35

Case Narrative

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Job ID: 410-87289-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative
410-87289-1

Receipt
The samples were received on 6/9/2022 4:35 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6°C

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

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): BR-1 (410-87289-8). The container labels list a collection time of 08:15, while the COC lists 08:30. The client was contacted, and the lab was instructed to use the collection information from the sample container..

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 410-265979 recovered above the upper control limit for Acetone. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260C: The continuing calibration verification (CCV) associated with batch 410-265979 recovered outside acceptance criteria, low biased, for Chloromethane, t-Butyl alcohol and Vinyl chloride. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260C: The preservative used in the sample containers provided is not compatible with the Method 8260 analytes requested. The following samples were received preserved with hydrochloric acid: TF-1 (410-87289-9), TF-2 (410-87289-10) and TF-3 (410-87289-11). The requested target analyte list includes 2-Chloroethyl vinyl ether, Acrolein and Acrylonitrile , acid-labile compounds that degrade in an acidic medium.

Method 8260C: The continuing calibration verification (CCV) associated with batch 410-265640 recovered above the upper control limit for Acetone and Acrolein. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260C: The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following samples were received preserved with hydrochloric acid : MW-2 (410-87289-1), MW-4 (410-87289-2), MW-5 (410-87289-3), MW-6 (410-87289-4), MW-10D (410-87289-5), MW-13 (410-87289-6), MW-14 (410-87289-7) and BR-1 (410-87289-8). The requested target analyte list includes 2-Chloroethyl vinyl ether, Acrolein and Acrylonitrile, acid-labile compounds that degrade in an acidic medium.

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

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

Detection Summary

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: MW-2 — Lab Sample ID: 410-87289-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Methyl tertiary butyl ether	3.5		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 410-87289-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	5.2		1.0		ug/L	1		8260C	Total/NA
di-Isopropyl ether	2.8		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	1.4		1.0		ug/L	1		8260C	Total/NA
Methyl tertiary butyl ether	120		1.0		ug/L	1		8260C	Total/NA
t-Amyl methyl ether	6.8		5.0		ug/L	1		8260C	Total/NA
t-Butyl alcohol	250		50		ug/L	1		8260C	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 410-87289-3

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

Client Sample ID: MW-6 — Lab Sample ID: 410-87289-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	7.1		1.0		ug/L	1		8260C	Total/NA
di-Isopropyl ether	3.5		1.0		ug/L	1		8260C	Total/NA
Methyl tertiary butyl ether	130		1.0		ug/L	1		8260C	Total/NA
t-Amyl methyl ether	13		5.0		ug/L	1		8260C	Total/NA
t-Butyl alcohol	250		50		ug/L	1		8260C	Total/NA

Client Sample ID: MW-10D — Lab Sample ID: 410-87289-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
di-Isopropyl ether	3.1		1.0		ug/L	1		8260C	Total/NA
Methyl tertiary butyl ether	130		1.0		ug/L	1		8260C	Total/NA
t-Amyl methyl ether	11		5.0		ug/L	1		8260C	Total/NA
t-Butyl alcohol	260		50		ug/L	1		8260C	Total/NA

Client Sample ID: MW-13 — Lab Sample ID: 410-87289-6

No Detections.

Client Sample ID: MW-14 — Lab Sample ID: 410-87289-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Methyl tertiary butyl ether	1.9		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: BR-1 — Lab Sample ID: 410-87289-8

No Detections.

Client Sample ID: TF-1 — Lab Sample ID: 410-87289-9

No Detections.

Client Sample ID: TF-2 — Lab Sample ID: 410-87289-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
DRO (C10-C28) (1C)	0.77		0.11		mg/L	1		8015C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Detection Summary

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: TF-3

Lab Sample ID: 410-87289-11

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	2.2		1.0		ug/L	1		8260C	Total/NA
Toluene	1.4		1.0		ug/L	1		8260C	Total/NA
DRO (C10-C28) (1C)	0.27		0.11		mg/L	1		8015C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: MW-2
Date Collected: 06/08/22 11:55
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-1
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<1.0		1.0		ug/L			06/15/22 15:59	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			06/15/22 15:59	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			06/15/22 15:59	1
1,1-Dichloroethane	<1.0		1.0		ug/L			06/15/22 15:59	1
1,1-Dichloroethene	<1.0		1.0		ug/L			06/15/22 15:59	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			06/15/22 15:59	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 15:59	1
1,2-Dichloroethane	<1.0		1.0		ug/L			06/15/22 15:59	1
1,2-Dichloropropane	<1.0		1.0		ug/L			06/15/22 15:59	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			06/15/22 15:59	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 15:59	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 15:59	1
2-Butanone	<10		10		ug/L			06/15/22 15:59	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			06/15/22 15:59	1
Acetone	<20	cn	20		ug/L			06/15/22 15:59	1
Acrolein	<100	cn	100		ug/L			06/15/22 15:59	1
Acrylonitrile	<20	cn	20		ug/L			06/15/22 15:59	1
Benzene	<1.0		1.0		ug/L			06/15/22 15:59	1
Bromodichloromethane	<1.0		1.0		ug/L			06/15/22 15:59	1
Bromoform	<4.0		4.0		ug/L			06/15/22 15:59	1
Bromomethane	<1.0		1.0		ug/L			06/15/22 15:59	1
Carbon tetrachloride	<1.0		1.0		ug/L			06/15/22 15:59	1
Chlorobenzene	<1.0		1.0		ug/L			06/15/22 15:59	1
Chloroethane	<1.0		1.0		ug/L			06/15/22 15:59	1
Chloroform	<1.0		1.0		ug/L			06/15/22 15:59	1
Chloromethane	<1.0		1.0		ug/L			06/15/22 15:59	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 15:59	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 15:59	1
Dibromochloromethane	<1.0		1.0		ug/L			06/15/22 15:59	1
di-Isopropyl ether	<1.0		1.0		ug/L			06/15/22 15:59	1
Ethanol	<750		750		ug/L			06/15/22 15:59	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			06/15/22 15:59	1
Ethylbenzene	<1.0		1.0		ug/L			06/15/22 15:59	1
Isopropylbenzene	<5.0		5.0		ug/L			06/15/22 15:59	1
Methyl tertiary butyl ether	**3.5**		1.0		ug/L			06/15/22 15:59	1
Methylene Chloride	<1.0		1.0		ug/L			06/15/22 15:59	1
Naphthalene	<5.0		5.0		ug/L			06/15/22 15:59	1
n-Butylbenzene	<5.0		5.0		ug/L			06/15/22 15:59	1
N-Propylbenzene	<5.0		5.0		ug/L			06/15/22 15:59	1
p-Isopropyltoluene	<5.0		5.0		ug/L			06/15/22 15:59	1
sec-Butylbenzene	<5.0		5.0		ug/L			06/15/22 15:59	1
t-Amyl methyl ether	<5.0		5.0		ug/L			06/15/22 15:59	1
t-Butyl alcohol	<50		50		ug/L			06/15/22 15:59	1
Tetrachloroethene	<1.0		1.0		ug/L			06/15/22 15:59	1
Toluene	<1.0		1.0		ug/L			06/15/22 15:59	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 15:59	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 15:59	1
Trichloroethene	<1.0		1.0		ug/L			06/15/22 15:59	1
Trichlorofluoromethane	<1.0		1.0		ug/L			06/15/22 15:59	1

Client: Kleinfelder Inc
Job ID: 410-87289-1
Project/Site: Southside Oil 20025

Client Sample ID: MW-2
Lab Sample ID: 410-87289-1
Date Collected: 06/08/22 11:55
Matrix: Groundwater
Date Received: 06/09/22 16:35

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<1.0		1.0		ug/L			06/15/22 15:59	1
Xylenes, Total	<1.0		1.0		ug/L			06/15/22 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*80 - 120*		*06/15/22 15:59*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*06/15/22 15:59*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*06/15/22 15:59*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/15/22 15:59*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28) (1C)	<0.11		0.11		mg/L		06/16/22 07:28	06/17/22 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*100*		*37 - 153*	*06/16/22 07:28*	*06/17/22 20:21*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: MW-4
Date Collected: 06/08/22 11:40
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-2
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<1.0		1.0		ug/L			06/15/22 16:22	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			06/15/22 16:22	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			06/15/22 16:22	1
1,1-Dichloroethane	<1.0		1.0		ug/L			06/15/22 16:22	1
1,1-Dichloroethene	<1.0		1.0		ug/L			06/15/22 16:22	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			06/15/22 16:22	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 16:22	1
1,2-Dichloroethane	<1.0		1.0		ug/L			06/15/22 16:22	1
1,2-Dichloropropane	<1.0		1.0		ug/L			06/15/22 16:22	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			06/15/22 16:22	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 16:22	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 16:22	1
2-Butanone	<10		10		ug/L			06/15/22 16:22	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			06/15/22 16:22	1
Acetone	<20	cn	20		ug/L			06/15/22 16:22	1
Acrolein	<100	cn	100		ug/L			06/15/22 16:22	1
Acrylonitrile	<20	cn	20		ug/L			06/15/22 16:22	1
Benzene	**5.2**		1.0		ug/L			06/15/22 16:22	1
Bromodichloromethane	<1.0		1.0		ug/L			06/15/22 16:22	1
Bromoform	<4.0		4.0		ug/L			06/15/22 16:22	1
Bromomethane	<1.0		1.0		ug/L			06/15/22 16:22	1
Carbon tetrachloride	<1.0		1.0		ug/L			06/15/22 16:22	1
Chlorobenzene	<1.0		1.0		ug/L			06/15/22 16:22	1
Chloroethane	<1.0		1.0		ug/L			06/15/22 16:22	1
Chloroform	<1.0		1.0		ug/L			06/15/22 16:22	1
Chloromethane	<1.0		1.0		ug/L			06/15/22 16:22	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 16:22	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 16:22	1
Dibromochloromethane	<1.0		1.0		ug/L			06/15/22 16:22	1
di-Isopropyl ether	**2.8**		1.0		ug/L			06/15/22 16:22	1
Ethanol	<750		750		ug/L			06/15/22 16:22	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			06/15/22 16:22	1
Ethylbenzene	**1.4**		1.0		ug/L			06/15/22 16:22	1
Isopropylbenzene	<5.0		5.0		ug/L			06/15/22 16:22	1
Methyl tertiary butyl ether	**120**		1.0		ug/L			06/15/22 16:22	1
Methylene Chloride	<1.0		1.0		ug/L			06/15/22 16:22	1
Naphthalene	<5.0		5.0		ug/L			06/15/22 16:22	1
n-Butylbenzene	<5.0		5.0		ug/L			06/15/22 16:22	1
N-Propylbenzene	<5.0		5.0		ug/L			06/15/22 16:22	1
p-Isopropyltoluene	<5.0		5.0		ug/L			06/15/22 16:22	1
sec-Butylbenzene	<5.0		5.0		ug/L			06/15/22 16:22	1
t-Amyl methyl ether	**6.8**		5.0		ug/L			06/15/22 16:22	1
t-Butyl alcohol	**250**		50		ug/L			06/15/22 16:22	1
Tetrachloroethene	<1.0		1.0		ug/L			06/15/22 16:22	1
Toluene	<1.0		1.0		ug/L			06/15/22 16:22	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 16:22	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 16:22	1
Trichloroethene	<1.0		1.0		ug/L			06/15/22 16:22	1
Trichlorofluoromethane	<1.0		1.0		ug/L			06/15/22 16:22	1

Client: Kleinfelder Inc
Job ID: 410-87289-1
Project/Site: Southside Oil 20025

Client Sample ID: MW-4
Lab Sample ID: 410-87289-2
Date Collected: 06/08/22 11:40
Matrix: Groundwater
Date Received: 06/09/22 16:35

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<1.0		1.0		ug/L			06/15/22 16:22	1
Xylenes, Total	<1.0		1.0		ug/L			06/15/22 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 120*		*06/15/22 16:22*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*06/15/22 16:22*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*06/15/22 16:22*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/15/22 16:22*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28) (1C)	<0.11		0.11		mg/L		06/16/22 07:28	06/17/22 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*99*		*37 - 153*	*06/16/22 07:28*	*06/17/22 20:45*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: MW-5
Date Collected: 06/08/22 10:30
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-3
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<1.0		1.0		ug/L			06/15/22 16:44	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			06/15/22 16:44	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			06/15/22 16:44	1
1,1-Dichloroethane	<1.0		1.0		ug/L			06/15/22 16:44	1
1,1-Dichloroethene	<1.0		1.0		ug/L			06/15/22 16:44	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			06/15/22 16:44	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 16:44	1
1,2-Dichloroethane	<1.0		1.0		ug/L			06/15/22 16:44	1
1,2-Dichloropropane	<1.0		1.0		ug/L			06/15/22 16:44	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			06/15/22 16:44	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 16:44	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 16:44	1
2-Butanone	<10		10		ug/L			06/15/22 16:44	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			06/15/22 16:44	1
Acetone	<20	cn	20		ug/L			06/15/22 16:44	1
Acrolein	<100	cn	100		ug/L			06/15/22 16:44	1
Acrylonitrile	<20	cn	20		ug/L			06/15/22 16:44	1
Benzene	<1.0		1.0		ug/L			06/15/22 16:44	1
Bromodichloromethane	<1.0		1.0		ug/L			06/15/22 16:44	1
Bromoform	<4.0		4.0		ug/L			06/15/22 16:44	1
Bromomethane	<1.0		1.0		ug/L			06/15/22 16:44	1
Carbon tetrachloride	<1.0		1.0		ug/L			06/15/22 16:44	1
Chlorobenzene	<1.0		1.0		ug/L			06/15/22 16:44	1
Chloroethane	<1.0		1.0		ug/L			06/15/22 16:44	1
Chloroform	<1.0		1.0		ug/L			06/15/22 16:44	1
Chloromethane	<1.0		1.0		ug/L			06/15/22 16:44	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 16:44	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 16:44	1
Dibromochloromethane	<1.0		1.0		ug/L			06/15/22 16:44	1
di-Isopropyl ether	<1.0		1.0		ug/L			06/15/22 16:44	1
Ethanol	<750		750		ug/L			06/15/22 16:44	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			06/15/22 16:44	1
Ethylbenzene	<1.0		1.0		ug/L			06/15/22 16:44	1
Isopropylbenzene	<5.0		5.0		ug/L			06/15/22 16:44	1
Methyl tertiary butyl ether	**1.0**		1.0		ug/L			06/15/22 16:44	1
Methylene Chloride	<1.0		1.0		ug/L			06/15/22 16:44	1
Naphthalene	<5.0		5.0		ug/L			06/15/22 16:44	1
n-Butylbenzene	<5.0		5.0		ug/L			06/15/22 16:44	1
N-Propylbenzene	<5.0		5.0		ug/L			06/15/22 16:44	1
p-Isopropyltoluene	<5.0		5.0		ug/L			06/15/22 16:44	1
sec-Butylbenzene	<5.0		5.0		ug/L			06/15/22 16:44	1
t-Amyl methyl ether	<5.0		5.0		ug/L			06/15/22 16:44	1
t-Butyl alcohol	<50		50		ug/L			06/15/22 16:44	1
Tetrachloroethene	<1.0		1.0		ug/L			06/15/22 16:44	1
Toluene	<1.0		1.0		ug/L			06/15/22 16:44	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 16:44	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 16:44	1
Trichloroethene	<1.0		1.0		ug/L			06/15/22 16:44	1
Trichlorofluoromethane	<1.0		1.0		ug/L			06/15/22 16:44	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: MW-5
Date Collected: 06/08/22 10:30
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-3
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<1.0		1.0		ug/L			06/15/22 16:44	1
Xylenes, Total	<1.0		1.0		ug/L			06/15/22 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*		*06/15/22 16:44*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*06/15/22 16:44*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*06/15/22 16:44*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/15/22 16:44*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: MW-6
Date Collected: 06/08/22 11:15
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-4
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<1.0		1.0		ug/L			06/15/22 17:07	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			06/15/22 17:07	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			06/15/22 17:07	1
1,1-Dichloroethane	<1.0		1.0		ug/L			06/15/22 17:07	1
1,1-Dichloroethene	<1.0		1.0		ug/L			06/15/22 17:07	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			06/15/22 17:07	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 17:07	1
1,2-Dichloroethane	<1.0		1.0		ug/L			06/15/22 17:07	1
1,2-Dichloropropane	<1.0		1.0		ug/L			06/15/22 17:07	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			06/15/22 17:07	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 17:07	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 17:07	1
2-Butanone	<10		10		ug/L			06/15/22 17:07	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			06/15/22 17:07	1
Acetone	<20	cn	20		ug/L			06/15/22 17:07	1
Acrolein	<100	cn	100		ug/L			06/15/22 17:07	1
Acrylonitrile	<20	cn	20		ug/L			06/15/22 17:07	1
Benzene	**7.1**		1.0		ug/L			06/15/22 17:07	1
Bromodichloromethane	<1.0		1.0		ug/L			06/15/22 17:07	1
Bromoform	<4.0		4.0		ug/L			06/15/22 17:07	1
Bromomethane	<1.0		1.0		ug/L			06/15/22 17:07	1
Carbon tetrachloride	<1.0		1.0		ug/L			06/15/22 17:07	1
Chlorobenzene	<1.0		1.0		ug/L			06/15/22 17:07	1
Chloroethane	<1.0		1.0		ug/L			06/15/22 17:07	1
Chloroform	<1.0		1.0		ug/L			06/15/22 17:07	1
Chloromethane	<1.0		1.0		ug/L			06/15/22 17:07	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 17:07	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 17:07	1
Dibromochloromethane	<1.0		1.0		ug/L			06/15/22 17:07	1
di-Isopropyl ether	**3.5**		1.0		ug/L			06/15/22 17:07	1
Ethanol	<750		750		ug/L			06/15/22 17:07	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			06/15/22 17:07	1
Ethylbenzene	<1.0		1.0		ug/L			06/15/22 17:07	1
Isopropylbenzene	<5.0		5.0		ug/L			06/15/22 17:07	1
Methyl tertiary butyl ether	**130**		1.0		ug/L			06/15/22 17:07	1
Methylene Chloride	<1.0		1.0		ug/L			06/15/22 17:07	1
Naphthalene	<5.0		5.0		ug/L			06/15/22 17:07	1
n-Butylbenzene	<5.0		5.0		ug/L			06/15/22 17:07	1
N-Propylbenzene	<5.0		5.0		ug/L			06/15/22 17:07	1
p-Isopropyltoluene	<5.0		5.0		ug/L			06/15/22 17:07	1
sec-Butylbenzene	<5.0		5.0		ug/L			06/15/22 17:07	1
t-Amyl methyl ether	**13**		5.0		ug/L			06/15/22 17:07	1
t-Butyl alcohol	**250**		50		ug/L			06/15/22 17:07	1
Tetrachloroethene	<1.0		1.0		ug/L			06/15/22 17:07	1
Toluene	<1.0		1.0		ug/L			06/15/22 17:07	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 17:07	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 17:07	1
Trichloroethene	<1.0		1.0		ug/L			06/15/22 17:07	1
Trichlorofluoromethane	<1.0		1.0		ug/L			06/15/22 17:07	1

Client: Kleinfelder Inc
Job ID: 410-87289-1
Project/Site: Southside Oil 20025

Client Sample ID: MW-6
Lab Sample ID: 410-87289-4
Date Collected: 06/08/22 11:15
Matrix: Groundwater
Date Received: 06/09/22 16:35

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<1.0		1.0		ug/L			06/15/22 17:07	1
Xylenes, Total	<1.0		1.0		ug/L			06/15/22 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*		*06/15/22 17:07*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*06/15/22 17:07*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*06/15/22 17:07*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/15/22 17:07*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28) (1C)	<0.11		0.11		mg/L		06/16/22 07:28	06/17/22 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*93*		*37 - 153*	*06/16/22 07:28*	*06/17/22 21:08*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: MW-10D

Date Collected: 06/08/22 10:50
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-5

Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<1.0		1.0		ug/L			06/15/22 17:29	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			06/15/22 17:29	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			06/15/22 17:29	1
1,1-Dichloroethane	<1.0		1.0		ug/L			06/15/22 17:29	1
1,1-Dichloroethene	<1.0		1.0		ug/L			06/15/22 17:29	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			06/15/22 17:29	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 17:29	1
1,2-Dichloroethane	<1.0		1.0		ug/L			06/15/22 17:29	1
1,2-Dichloropropane	<1.0		1.0		ug/L			06/15/22 17:29	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			06/15/22 17:29	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 17:29	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 17:29	1
2-Butanone	<10		10		ug/L			06/15/22 17:29	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			06/15/22 17:29	1
Acetone	<20	cn	20		ug/L			06/15/22 17:29	1
Acrolein	<100	cn	100		ug/L			06/15/22 17:29	1
Acrylonitrile	<20	cn	20		ug/L			06/15/22 17:29	1
Benzene	<1.0		1.0		ug/L			06/15/22 17:29	1
Bromodichloromethane	<1.0		1.0		ug/L			06/15/22 17:29	1
Bromoform	<4.0		4.0		ug/L			06/15/22 17:29	1
Bromomethane	<1.0		1.0		ug/L			06/15/22 17:29	1
Carbon tetrachloride	<1.0		1.0		ug/L			06/15/22 17:29	1
Chlorobenzene	<1.0		1.0		ug/L			06/15/22 17:29	1
Chloroethane	<1.0		1.0		ug/L			06/15/22 17:29	1
Chloroform	<1.0		1.0		ug/L			06/15/22 17:29	1
Chloromethane	<1.0		1.0		ug/L			06/15/22 17:29	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 17:29	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 17:29	1
Dibromochloromethane	<1.0		1.0		ug/L			06/15/22 17:29	1
di-Isopropyl ether	**3.1**		1.0		ug/L			06/15/22 17:29	1
Ethanol	<750		750		ug/L			06/15/22 17:29	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			06/15/22 17:29	1
Ethylbenzene	<1.0		1.0		ug/L			06/15/22 17:29	1
Isopropylbenzene	<5.0		5.0		ug/L			06/15/22 17:29	1
Methyl tertiary butyl ether	**130**		1.0		ug/L			06/15/22 17:29	1
Methylene Chloride	<1.0		1.0		ug/L			06/15/22 17:29	1
Naphthalene	<5.0		5.0		ug/L			06/15/22 17:29	1
n-Butylbenzene	<5.0		5.0		ug/L			06/15/22 17:29	1
N-Propylbenzene	<5.0		5.0		ug/L			06/15/22 17:29	1
p-Isopropyltoluene	<5.0		5.0		ug/L			06/15/22 17:29	1
sec-Butylbenzene	<5.0		5.0		ug/L			06/15/22 17:29	1
t-Amyl methyl ether	**11**		5.0		ug/L			06/15/22 17:29	1
t-Butyl alcohol	**260**		50		ug/L			06/15/22 17:29	1
Tetrachloroethene	<1.0		1.0		ug/L			06/15/22 17:29	1
Toluene	<1.0		1.0		ug/L			06/15/22 17:29	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 17:29	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 17:29	1
Trichloroethene	<1.0		1.0		ug/L			06/15/22 17:29	1
Trichlorofluoromethane	<1.0		1.0		ug/L			06/15/22 17:29	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: MW-10D
Date Collected: 06/08/22 10:50
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-5
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<1.0		1.0		ug/L			06/15/22 17:29	1
Xylenes, Total	<1.0		1.0		ug/L			06/15/22 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 120*		*06/15/22 17:29*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*06/15/22 17:29*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*06/15/22 17:29*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*06/15/22 17:29*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28) (1C)	<0.11		0.11		mg/L		06/16/22 07:28	06/17/22 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*94*		*37 - 153*	*06/16/22 07:28*	*06/17/22 21:32*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: MW-13
Date Collected: 06/08/22 08:15
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-6
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<1.0		1.0		ug/L			06/15/22 17:51	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			06/15/22 17:51	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			06/15/22 17:51	1
1,1-Dichloroethane	<1.0		1.0		ug/L			06/15/22 17:51	1
1,1-Dichloroethene	<1.0		1.0		ug/L			06/15/22 17:51	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			06/15/22 17:51	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 17:51	1
1,2-Dichloroethane	<1.0		1.0		ug/L			06/15/22 17:51	1
1,2-Dichloropropane	<1.0		1.0		ug/L			06/15/22 17:51	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			06/15/22 17:51	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 17:51	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 17:51	1
2-Butanone	<10		10		ug/L			06/15/22 17:51	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			06/15/22 17:51	1
Acetone	<20	cn	20		ug/L			06/15/22 17:51	1
Acrolein	<100	cn	100		ug/L			06/15/22 17:51	1
Acrylonitrile	<20	cn	20		ug/L			06/15/22 17:51	1
Benzene	<1.0		1.0		ug/L			06/15/22 17:51	1
Bromodichloromethane	<1.0		1.0		ug/L			06/15/22 17:51	1
Bromoform	<4.0		4.0		ug/L			06/15/22 17:51	1
Bromomethane	<1.0		1.0		ug/L			06/15/22 17:51	1
Carbon tetrachloride	<1.0		1.0		ug/L			06/15/22 17:51	1
Chlorobenzene	<1.0		1.0		ug/L			06/15/22 17:51	1
Chloroethane	<1.0		1.0		ug/L			06/15/22 17:51	1
Chloroform	<1.0		1.0		ug/L			06/15/22 17:51	1
Chloromethane	<1.0		1.0		ug/L			06/15/22 17:51	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 17:51	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 17:51	1
Dibromochloromethane	<1.0		1.0		ug/L			06/15/22 17:51	1
di-Isopropyl ether	<1.0		1.0		ug/L			06/15/22 17:51	1
Ethanol	<750		750		ug/L			06/15/22 17:51	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			06/15/22 17:51	1
Ethylbenzene	<1.0		1.0		ug/L			06/15/22 17:51	1
Isopropylbenzene	<5.0		5.0		ug/L			06/15/22 17:51	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			06/15/22 17:51	1
Methylene Chloride	<1.0		1.0		ug/L			06/15/22 17:51	1
Naphthalene	<5.0		5.0		ug/L			06/15/22 17:51	1
n-Butylbenzene	<5.0		5.0		ug/L			06/15/22 17:51	1
N-Propylbenzene	<5.0		5.0		ug/L			06/15/22 17:51	1
p-Isopropyltoluene	<5.0		5.0		ug/L			06/15/22 17:51	1
sec-Butylbenzene	<5.0		5.0		ug/L			06/15/22 17:51	1
t-Amyl methyl ether	<5.0		5.0		ug/L			06/15/22 17:51	1
t-Butyl alcohol	<50		50		ug/L			06/15/22 17:51	1
Tetrachloroethene	<1.0		1.0		ug/L			06/15/22 17:51	1
Toluene	<1.0		1.0		ug/L			06/15/22 17:51	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 17:51	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 17:51	1
Trichloroethene	<1.0		1.0		ug/L			06/15/22 17:51	1
Trichlorofluoromethane	<1.0		1.0		ug/L			06/15/22 17:51	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: MW-13
Date Collected: 06/08/22 08:15
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-6
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<1.0		1.0		ug/L			06/15/22 17:51	1
Xylenes, Total	<1.0		1.0		ug/L			06/15/22 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*		*06/15/22 17:51*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*06/15/22 17:51*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*06/15/22 17:51*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/15/22 17:51*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: MW-14
Date Collected: 06/08/22 13:00
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-7
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<1.0		1.0		ug/L			06/15/22 18:14	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			06/15/22 18:14	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			06/15/22 18:14	1
1,1-Dichloroethane	<1.0		1.0		ug/L			06/15/22 18:14	1
1,1-Dichloroethene	<1.0		1.0		ug/L			06/15/22 18:14	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			06/15/22 18:14	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 18:14	1
1,2-Dichloroethane	<1.0		1.0		ug/L			06/15/22 18:14	1
1,2-Dichloropropane	<1.0		1.0		ug/L			06/15/22 18:14	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			06/15/22 18:14	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 18:14	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 18:14	1
2-Butanone	<10		10		ug/L			06/15/22 18:14	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			06/15/22 18:14	1
Acetone	<20	cn	20		ug/L			06/15/22 18:14	1
Acrolein	<100	cn	100		ug/L			06/15/22 18:14	1
Acrylonitrile	<20	cn	20		ug/L			06/15/22 18:14	1
Benzene	<1.0		1.0		ug/L			06/15/22 18:14	1
Bromodichloromethane	<1.0		1.0		ug/L			06/15/22 18:14	1
Bromoform	<4.0		4.0		ug/L			06/15/22 18:14	1
Bromomethane	<1.0		1.0		ug/L			06/15/22 18:14	1
Carbon tetrachloride	<1.0		1.0		ug/L			06/15/22 18:14	1
Chlorobenzene	<1.0		1.0		ug/L			06/15/22 18:14	1
Chloroethane	<1.0		1.0		ug/L			06/15/22 18:14	1
Chloroform	<1.0		1.0		ug/L			06/15/22 18:14	1
Chloromethane	<1.0		1.0		ug/L			06/15/22 18:14	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 18:14	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 18:14	1
Dibromochloromethane	<1.0		1.0		ug/L			06/15/22 18:14	1
di-Isopropyl ether	<1.0		1.0		ug/L			06/15/22 18:14	1
Ethanol	<750		750		ug/L			06/15/22 18:14	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			06/15/22 18:14	1
Ethylbenzene	<1.0		1.0		ug/L			06/15/22 18:14	1
Isopropylbenzene	<5.0		5.0		ug/L			06/15/22 18:14	1
Methyl tertiary butyl ether	**1.9**		1.0		ug/L			06/15/22 18:14	1
Methylene Chloride	<1.0		1.0		ug/L			06/15/22 18:14	1
Naphthalene	<5.0		5.0		ug/L			06/15/22 18:14	1
n-Butylbenzene	<5.0		5.0		ug/L			06/15/22 18:14	1
N-Propylbenzene	<5.0		5.0		ug/L			06/15/22 18:14	1
p-Isopropyltoluene	<5.0		5.0		ug/L			06/15/22 18:14	1
sec-Butylbenzene	<5.0		5.0		ug/L			06/15/22 18:14	1
t-Amyl methyl ether	<5.0		5.0		ug/L			06/15/22 18:14	1
t-Butyl alcohol	<50		50		ug/L			06/15/22 18:14	1
Tetrachloroethene	<1.0		1.0		ug/L			06/15/22 18:14	1
Toluene	<1.0		1.0		ug/L			06/15/22 18:14	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 18:14	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 18:14	1
Trichloroethene	<1.0		1.0		ug/L			06/15/22 18:14	1
Trichlorofluoromethane	<1.0		1.0		ug/L			06/15/22 18:14	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: MW-14
Date Collected: 06/08/22 13:00
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-7
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<1.0		1.0		ug/L			06/15/22 18:14	1
Xylenes, Total	<1.0		1.0		ug/L			06/15/22 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*06/15/22 18:14*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*06/15/22 18:14*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*06/15/22 18:14*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/15/22 18:14*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: BR-1
Date Collected: 06/08/22 08:15
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-8
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<1.0		1.0		ug/L			06/15/22 18:36	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			06/15/22 18:36	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			06/15/22 18:36	1
1,1-Dichloroethane	<1.0		1.0		ug/L			06/15/22 18:36	1
1,1-Dichloroethene	<1.0		1.0		ug/L			06/15/22 18:36	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			06/15/22 18:36	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 18:36	1
1,2-Dichloroethane	<1.0		1.0		ug/L			06/15/22 18:36	1
1,2-Dichloropropane	<1.0		1.0		ug/L			06/15/22 18:36	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			06/15/22 18:36	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 18:36	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 18:36	1
2-Butanone	<10		10		ug/L			06/15/22 18:36	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			06/15/22 18:36	1
Acetone	<20	cn	20		ug/L			06/15/22 18:36	1
Acrolein	<100	cn	100		ug/L			06/15/22 18:36	1
Acrylonitrile	<20	cn	20		ug/L			06/15/22 18:36	1
Benzene	<1.0		1.0		ug/L			06/15/22 18:36	1
Bromodichloromethane	<1.0		1.0		ug/L			06/15/22 18:36	1
Bromoform	<4.0		4.0		ug/L			06/15/22 18:36	1
Bromomethane	<1.0		1.0		ug/L			06/15/22 18:36	1
Carbon tetrachloride	<1.0		1.0		ug/L			06/15/22 18:36	1
Chlorobenzene	<1.0		1.0		ug/L			06/15/22 18:36	1
Chloroethane	<1.0		1.0		ug/L			06/15/22 18:36	1
Chloroform	<1.0		1.0		ug/L			06/15/22 18:36	1
Chloromethane	<1.0		1.0		ug/L			06/15/22 18:36	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 18:36	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 18:36	1
Dibromochloromethane	<1.0		1.0		ug/L			06/15/22 18:36	1
di-Isopropyl ether	<1.0		1.0		ug/L			06/15/22 18:36	1
Ethanol	<750		750		ug/L			06/15/22 18:36	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			06/15/22 18:36	1
Ethylbenzene	<1.0		1.0		ug/L			06/15/22 18:36	1
Isopropylbenzene	<5.0		5.0		ug/L			06/15/22 18:36	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			06/15/22 18:36	1
Methylene Chloride	<1.0		1.0		ug/L			06/15/22 18:36	1
Naphthalene	<5.0		5.0		ug/L			06/15/22 18:36	1
n-Butylbenzene	<5.0		5.0		ug/L			06/15/22 18:36	1
N-Propylbenzene	<5.0		5.0		ug/L			06/15/22 18:36	1
p-Isopropyltoluene	<5.0		5.0		ug/L			06/15/22 18:36	1
sec-Butylbenzene	<5.0		5.0		ug/L			06/15/22 18:36	1
t-Amyl methyl ether	<5.0		5.0		ug/L			06/15/22 18:36	1
t-Butyl alcohol	<50		50		ug/L			06/15/22 18:36	1
Tetrachloroethene	<1.0		1.0		ug/L			06/15/22 18:36	1
Toluene	<1.0		1.0		ug/L			06/15/22 18:36	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 18:36	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 18:36	1
Trichloroethene	<1.0		1.0		ug/L			06/15/22 18:36	1
Trichlorofluoromethane	<1.0		1.0		ug/L			06/15/22 18:36	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: BR-1
Date Collected: 06/08/22 08:15
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-8
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<1.0		1.0		ug/L			06/15/22 18:36	1
Xylenes, Total	<1.0		1.0		ug/L			06/15/22 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*06/15/22 18:36*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*06/15/22 18:36*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*06/15/22 18:36*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/15/22 18:36*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: TF-1
Date Collected: 06/08/22 09:30
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-9
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<1.0		1.0		ug/L			06/16/22 03:13	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			06/16/22 03:13	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			06/16/22 03:13	1
1,1-Dichloroethane	<1.0		1.0		ug/L			06/16/22 03:13	1
1,1-Dichloroethene	<1.0		1.0		ug/L			06/16/22 03:13	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			06/16/22 03:13	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			06/16/22 03:13	1
1,2-Dichloroethane	<1.0		1.0		ug/L			06/16/22 03:13	1
1,2-Dichloropropane	<1.0		1.0		ug/L			06/16/22 03:13	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			06/16/22 03:13	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			06/16/22 03:13	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			06/16/22 03:13	1
2-Butanone	<10		10		ug/L			06/16/22 03:13	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			06/16/22 03:13	1
Acetone	<20	cn	20		ug/L			06/16/22 03:13	1
Acrolein	<100	cn	100		ug/L			06/16/22 03:13	1
Acrylonitrile	<20	cn	20		ug/L			06/16/22 03:13	1
Benzene	<1.0		1.0		ug/L			06/16/22 03:13	1
Bromodichloromethane	<1.0		1.0		ug/L			06/16/22 03:13	1
Bromoform	<4.0		4.0		ug/L			06/16/22 03:13	1
Bromomethane	<1.0		1.0		ug/L			06/16/22 03:13	1
Carbon tetrachloride	<1.0		1.0		ug/L			06/16/22 03:13	1
Chlorobenzene	<1.0		1.0		ug/L			06/16/22 03:13	1
Chloroethane	<1.0		1.0		ug/L			06/16/22 03:13	1
Chloroform	<1.0		1.0		ug/L			06/16/22 03:13	1
Chloromethane	<1.0	cn	1.0		ug/L			06/16/22 03:13	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			06/16/22 03:13	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			06/16/22 03:13	1
Dibromochloromethane	<1.0		1.0		ug/L			06/16/22 03:13	1
di-Isopropyl ether	<1.0		1.0		ug/L			06/16/22 03:13	1
Ethanol	<750		750		ug/L			06/16/22 03:13	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			06/16/22 03:13	1
Ethylbenzene	<1.0		1.0		ug/L			06/16/22 03:13	1
Isopropylbenzene	<5.0		5.0		ug/L			06/16/22 03:13	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			06/16/22 03:13	1
Methylene Chloride	<1.0		1.0		ug/L			06/16/22 03:13	1
Naphthalene	<5.0		5.0		ug/L			06/16/22 03:13	1
n-Butylbenzene	<5.0		5.0		ug/L			06/16/22 03:13	1
N-Propylbenzene	<5.0		5.0		ug/L			06/16/22 03:13	1
p-Isopropyltoluene	<5.0		5.0		ug/L			06/16/22 03:13	1
sec-Butylbenzene	<5.0		5.0		ug/L			06/16/22 03:13	1
t-Amyl methyl ether	<5.0		5.0		ug/L			06/16/22 03:13	1
t-Butyl alcohol	<50	cn	50		ug/L			06/16/22 03:13	1
Tetrachloroethene	<1.0		1.0		ug/L			06/16/22 03:13	1
Toluene	<1.0		1.0		ug/L			06/16/22 03:13	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			06/16/22 03:13	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			06/16/22 03:13	1
Trichloroethene	<1.0		1.0		ug/L			06/16/22 03:13	1
Trichlorofluoromethane	<1.0		1.0		ug/L			06/16/22 03:13	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: TF-1
Date Collected: 06/08/22 09:30
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-9
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<1.0	cn	1.0		ug/L			06/16/22 03:13	1
Xylenes, Total	<1.0		1.0		ug/L			06/16/22 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*		*06/16/22 03:13*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*06/16/22 03:13*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*06/16/22 03:13*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/16/22 03:13*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28) (1C)	<0.11		0.11		mg/L		06/16/22 07:28	06/17/22 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*97*		*37 - 153*	*06/16/22 07:28*	*06/17/22 21:56*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: TF-2
Date Collected: 06/08/22 10:05
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-10
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<1.0		1.0		ug/L			06/16/22 03:35	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			06/16/22 03:35	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			06/16/22 03:35	1
1,1-Dichloroethane	<1.0		1.0		ug/L			06/16/22 03:35	1
1,1-Dichloroethene	<1.0		1.0		ug/L			06/16/22 03:35	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			06/16/22 03:35	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			06/16/22 03:35	1
1,2-Dichloroethane	<1.0		1.0		ug/L			06/16/22 03:35	1
1,2-Dichloropropane	<1.0		1.0		ug/L			06/16/22 03:35	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			06/16/22 03:35	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			06/16/22 03:35	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			06/16/22 03:35	1
2-Butanone	<10		10		ug/L			06/16/22 03:35	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			06/16/22 03:35	1
Acetone	<20	cn	20		ug/L			06/16/22 03:35	1
Acrolein	<100	cn	100		ug/L			06/16/22 03:35	1
Acrylonitrile	<20	cn	20		ug/L			06/16/22 03:35	1
Benzene	<1.0		1.0		ug/L			06/16/22 03:35	1
Bromodichloromethane	<1.0		1.0		ug/L			06/16/22 03:35	1
Bromoform	<4.0		4.0		ug/L			06/16/22 03:35	1
Bromomethane	<1.0		1.0		ug/L			06/16/22 03:35	1
Carbon tetrachloride	<1.0		1.0		ug/L			06/16/22 03:35	1
Chlorobenzene	<1.0		1.0		ug/L			06/16/22 03:35	1
Chloroethane	<1.0		1.0		ug/L			06/16/22 03:35	1
Chloroform	<1.0		1.0		ug/L			06/16/22 03:35	1
Chloromethane	<1.0	cn	1.0		ug/L			06/16/22 03:35	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			06/16/22 03:35	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			06/16/22 03:35	1
Dibromochloromethane	<1.0		1.0		ug/L			06/16/22 03:35	1
di-Isopropyl ether	<1.0		1.0		ug/L			06/16/22 03:35	1
Ethanol	<750		750		ug/L			06/16/22 03:35	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			06/16/22 03:35	1
Ethylbenzene	<1.0		1.0		ug/L			06/16/22 03:35	1
Isopropylbenzene	<5.0		5.0		ug/L			06/16/22 03:35	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			06/16/22 03:35	1
Methylene Chloride	<1.0		1.0		ug/L			06/16/22 03:35	1
Naphthalene	<5.0		5.0		ug/L			06/16/22 03:35	1
n-Butylbenzene	<5.0		5.0		ug/L			06/16/22 03:35	1
N-Propylbenzene	<5.0		5.0		ug/L			06/16/22 03:35	1
p-Isopropyltoluene	<5.0		5.0		ug/L			06/16/22 03:35	1
sec-Butylbenzene	<5.0		5.0		ug/L			06/16/22 03:35	1
t-Amyl methyl ether	<5.0		5.0		ug/L			06/16/22 03:35	1
t-Butyl alcohol	<50	cn	50		ug/L			06/16/22 03:35	1
Tetrachloroethene	<1.0		1.0		ug/L			06/16/22 03:35	1
Toluene	<1.0		1.0		ug/L			06/16/22 03:35	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			06/16/22 03:35	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			06/16/22 03:35	1
Trichloroethene	<1.0		1.0		ug/L			06/16/22 03:35	1
Trichlorofluoromethane	<1.0		1.0		ug/L			06/16/22 03:35	1

Client: Kleinfelder Inc
Job ID: 410-87289-1
Project/Site: Southside Oil 20025

Client Sample ID: TF-2
Lab Sample ID: 410-87289-10
Date Collected: 06/08/22 10:05
Matrix: Groundwater
Date Received: 06/09/22 16:35

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<1.0	cn	1.0		ug/L			06/16/22 03:35	1
Xylenes, Total	<1.0		1.0		ug/L			06/16/22 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*		*06/16/22 03:35*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*06/16/22 03:35*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*06/16/22 03:35*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/16/22 03:35*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28) (1C)	**0.77**		0.11		mg/L		06/16/22 07:28	06/17/22 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*99*		*37 - 153*	*06/16/22 07:28*	*06/17/22 22:20*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: TF-3
Date Collected: 06/08/22 08:55
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-11
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<1.0		1.0		ug/L			06/16/22 03:57	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			06/16/22 03:57	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			06/16/22 03:57	1
1,1-Dichloroethane	<1.0		1.0		ug/L			06/16/22 03:57	1
1,1-Dichloroethene	<1.0		1.0		ug/L			06/16/22 03:57	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			06/16/22 03:57	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			06/16/22 03:57	1
1,2-Dichloroethane	<1.0		1.0		ug/L			06/16/22 03:57	1
1,2-Dichloropropane	<1.0		1.0		ug/L			06/16/22 03:57	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			06/16/22 03:57	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			06/16/22 03:57	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			06/16/22 03:57	1
2-Butanone	<10		10		ug/L			06/16/22 03:57	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			06/16/22 03:57	1
Acetone	<20	cn	20		ug/L			06/16/22 03:57	1
Acrolein	<100	cn	100		ug/L			06/16/22 03:57	1
Acrylonitrile	<20	cn	20		ug/L			06/16/22 03:57	1
Benzene	**2.2**		1.0		ug/L			06/16/22 03:57	1
Bromodichloromethane	<1.0		1.0		ug/L			06/16/22 03:57	1
Bromoform	<4.0		4.0		ug/L			06/16/22 03:57	1
Bromomethane	<1.0		1.0		ug/L			06/16/22 03:57	1
Carbon tetrachloride	<1.0		1.0		ug/L			06/16/22 03:57	1
Chlorobenzene	<1.0		1.0		ug/L			06/16/22 03:57	1
Chloroethane	<1.0		1.0		ug/L			06/16/22 03:57	1
Chloroform	<1.0		1.0		ug/L			06/16/22 03:57	1
Chloromethane	<1.0	cn	1.0		ug/L			06/16/22 03:57	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			06/16/22 03:57	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			06/16/22 03:57	1
Dibromochloromethane	<1.0		1.0		ug/L			06/16/22 03:57	1
di-Isopropyl ether	<1.0		1.0		ug/L			06/16/22 03:57	1
Ethanol	<750		750		ug/L			06/16/22 03:57	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			06/16/22 03:57	1
Ethylbenzene	<1.0		1.0		ug/L			06/16/22 03:57	1
Isopropylbenzene	<5.0		5.0		ug/L			06/16/22 03:57	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			06/16/22 03:57	1
Methylene Chloride	<1.0		1.0		ug/L			06/16/22 03:57	1
Naphthalene	<5.0		5.0		ug/L			06/16/22 03:57	1
n-Butylbenzene	<5.0		5.0		ug/L			06/16/22 03:57	1
N-Propylbenzene	<5.0		5.0		ug/L			06/16/22 03:57	1
p-Isopropyltoluene	<5.0		5.0		ug/L			06/16/22 03:57	1
sec-Butylbenzene	<5.0		5.0		ug/L			06/16/22 03:57	1
t-Amyl methyl ether	<5.0		5.0		ug/L			06/16/22 03:57	1
t-Butyl alcohol	<50	cn	50		ug/L			06/16/22 03:57	1
Tetrachloroethene	<1.0		1.0		ug/L			06/16/22 03:57	1
Toluene	**1.4**		1.0		ug/L			06/16/22 03:57	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			06/16/22 03:57	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			06/16/22 03:57	1
Trichloroethene	<1.0		1.0		ug/L			06/16/22 03:57	1
Trichlorofluoromethane	<1.0		1.0		ug/L			06/16/22 03:57	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: TF-3
Date Collected: 06/08/22 08:55
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-11
Matrix: Groundwater

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<1.0	cn	1.0		ug/L			06/16/22 03:57	1
Xylenes, Total	<1.0		1.0		ug/L			06/16/22 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 120*		*06/16/22 03:57*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*06/16/22 03:57*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*06/16/22 03:57*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*06/16/22 03:57*	*1*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28) (1C)	**0.27**		0.11		mg/L		06/16/22 07:28	06/17/22 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*93*		*37 - 153*	*06/16/22 07:28*	*06/17/22 22:44*	*1*

Surrogate Summary

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

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

Matrix: Groundwater — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
410-87289-1	MW-2	94	100	97	97
410-87289-2	MW-4	95	99	99	98
410-87289-3	MW-5	98	99	100	98
410-87289-4	MW-6	98	98	98	98
410-87289-5	MW-10D	97	99	100	99
410-87289-6	MW-13	98	98	100	98
410-87289-7	MW-14	100	98	101	96
410-87289-8	BR-1	102	98	101	95
410-87289-9	TF-1	99	97	103	95
410-87289-10	TF-2	98	97	100	96
410-87289-11	TF-3	97	98	100	94

Surrogate Legend

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

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
LCS 410-265640/4	Lab Control Sample	97	97	98	97
LCS 410-265979/4	Lab Control Sample	99	97	98	96
LCSD 410-265640/5	Lab Control Sample Dup	98	96	98	97
MB 410-265640/7	Method Blank	98	98	100	96
MB 410-265979/6	Method Blank	98	98	100	97

Surrogate Legend

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

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Matrix: Groundwater — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		OTP1
Lab Sample ID	Client Sample ID	(37-153)
410-87289-1	MW-2	100
410-87289-2	MW-4	99
410-87289-4	MW-6	93
410-87289-5	MW-10D	94
410-87289-9	TF-1	97
410-87289-10	TF-2	99
410-87289-11	TF-3	93

Surrogate Legend

OTP = o- terphenyl (Surr)

Surrogate Summary

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		OTP1							
Lab Sample ID	Client Sample ID	(37-153)							
LCS 410-266120/2-A	Lab Control Sample	90							
LCSD 410-266120/3-A	Lab Control Sample Dup	126							
MB 410-266120/1-A	Method Blank	100							

Surrogate Legend

OTP = o- terphenyl (Surr)

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

Lab Sample ID: MB 410-265640/7
Matrix: Water
Analysis Batch: 265640

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<1.0		1.0		ug/L			06/15/22 10:36	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			06/15/22 10:36	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			06/15/22 10:36	1
1,1-Dichloroethane	<1.0		1.0		ug/L			06/15/22 10:36	1
1,1-Dichloroethene	<1.0		1.0		ug/L			06/15/22 10:36	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			06/15/22 10:36	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 10:36	1
1,2-Dichloroethane	<1.0		1.0		ug/L			06/15/22 10:36	1
1,2-Dichloropropane	<1.0		1.0		ug/L			06/15/22 10:36	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			06/15/22 10:36	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 10:36	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 10:36	1
2-Butanone	<10		10		ug/L			06/15/22 10:36	1
2-Chloroethyl vinyl ether	<10		10		ug/L			06/15/22 10:36	1
Acetone	<20		20		ug/L			06/15/22 10:36	1
Acrolein	<100		100		ug/L			06/15/22 10:36	1
Acrylonitrile	<20		20		ug/L			06/15/22 10:36	1
Benzene	<1.0		1.0		ug/L			06/15/22 10:36	1
Bromodichloromethane	<1.0		1.0		ug/L			06/15/22 10:36	1
Bromoform	<4.0		4.0		ug/L			06/15/22 10:36	1
Bromomethane	<1.0		1.0		ug/L			06/15/22 10:36	1
Carbon tetrachloride	<1.0		1.0		ug/L			06/15/22 10:36	1
Chlorobenzene	<1.0		1.0		ug/L			06/15/22 10:36	1
Chloroethane	<1.0		1.0		ug/L			06/15/22 10:36	1
Chloroform	<1.0		1.0		ug/L			06/15/22 10:36	1
Chloromethane	<1.0		1.0		ug/L			06/15/22 10:36	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 10:36	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 10:36	1
Dibromochloromethane	<1.0		1.0		ug/L			06/15/22 10:36	1
di-Isopropyl ether	<1.0		1.0		ug/L			06/15/22 10:36	1
Ethanol	<750		750		ug/L			06/15/22 10:36	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			06/15/22 10:36	1
Ethylbenzene	<1.0		1.0		ug/L			06/15/22 10:36	1
Isopropylbenzene	<5.0		5.0		ug/L			06/15/22 10:36	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			06/15/22 10:36	1
Methylene Chloride	<1.0		1.0		ug/L			06/15/22 10:36	1
Naphthalene	<5.0		5.0		ug/L			06/15/22 10:36	1
n-Butylbenzene	<5.0		5.0		ug/L			06/15/22 10:36	1
N-Propylbenzene	<5.0		5.0		ug/L			06/15/22 10:36	1
p-Isopropyltoluene	<5.0		5.0		ug/L			06/15/22 10:36	1
sec-Butylbenzene	<5.0		5.0		ug/L			06/15/22 10:36	1
t-Amyl methyl ether	<5.0		5.0		ug/L			06/15/22 10:36	1
t-Butyl alcohol	<50		50		ug/L			06/15/22 10:36	1
Tetrachloroethene	<1.0		1.0		ug/L			06/15/22 10:36	1
Toluene	<1.0		1.0		ug/L			06/15/22 10:36	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 10:36	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 10:36	1
Trichloroethene	<1.0		1.0		ug/L			06/15/22 10:36	1

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

Lab Sample ID: MB 410-265640/7
Matrix: Water
Analysis Batch: 265640

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			06/15/22 10:36	1
Vinyl chloride	<1.0		1.0		ug/L			06/15/22 10:36	1
Xylenes, Total	<1.0		1.0		ug/L			06/15/22 10:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*		*06/15/22 10:36*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*06/15/22 10:36*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*06/15/22 10:36*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/15/22 10:36*	*1*

Lab Sample ID: LCS 410-265640/4
Matrix: Water
Analysis Batch: 265640

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	19.9		ug/L		99	67 - 126
1,1,2,2-Tetrachloroethane	20.0	21.4		ug/L		107	72 - 120
1,1,2-Trichloroethane	20.0	20.7		ug/L		104	80 - 120
1,1-Dichloroethane	20.0	22.0		ug/L		110	80 - 120
1,1-Dichloroethene	20.0	22.1		ug/L		111	80 - 131
1,2,4-Trimethylbenzene	20.0	19.8		ug/L		99	75 - 120
1,2-Dichlorobenzene	20.0	19.9		ug/L		99	80 - 120
1,2-Dichloroethane	20.0	18.6		ug/L		93	73 - 124
1,2-Dichloropropane	20.0	21.7		ug/L		109	80 - 120
1,3,5-Trichlorobenzene	20.0	19.0		ug/L		95	66 - 123
1,3-Dichlorobenzene	20.0	19.9		ug/L		99	80 - 120
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	80 - 120
2-Butanone	250	262		ug/L		105	59 - 135
2-Chloroethyl vinyl ether	20.0	19.4		ug/L		97	49 - 124
Acetone	250	290		ug/L		116	54 - 157
Acrolein	150	170		ug/L		114	47 - 136
Acrylonitrile	100	116		ug/L		116	60 - 129
Benzene	20.0	21.6		ug/L		108	80 - 120
Bromodichloromethane	20.0	21.2		ug/L		106	71 - 120
Bromoform	20.0	20.1		ug/L		101	51 - 120
Bromomethane	20.0	18.3		ug/L		92	53 - 128
Carbon tetrachloride	20.0	20.7		ug/L		104	64 - 134
Chlorobenzene	20.0	19.3		ug/L		97	80 - 120
Chloroethane	20.0	18.6		ug/L		93	55 - 123
Chloroform	20.0	21.2		ug/L		106	80 - 120
Chloromethane	20.0	18.0		ug/L		90	56 - 121
cis-1,2-Dichloroethene	20.0	22.6		ug/L		113	80 - 125
cis-1,3-Dichloropropene	20.0	19.7		ug/L		99	75 - 120
Dibromochloromethane	20.0	20.1		ug/L		100	71 - 120
di-Isopropyl ether	20.0	20.8		ug/L		104	70 - 124
Ethanol	1000	780		ug/L		78	31 - 180
Ethyl t-butyl ether	20.0	19.4		ug/L		97	68 - 121
Ethylbenzene	20.0	19.9		ug/L		100	80 - 120

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

Lab Sample ID: LCS 410-265640/4
Matrix: Water
Analysis Batch: 265640

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropylbenzene	20.0	19.4		ug/L		97	80 - 120
Methyl tertiary butyl ether	20.0	18.4		ug/L		92	69 - 122
Methylene Chloride	20.0	22.4		ug/L		112	80 - 120
Naphthalene	20.0	18.4		ug/L		92	53 - 124
n-Butylbenzene	20.0	20.7		ug/L		104	76 - 120
N-Propylbenzene	20.0	21.4		ug/L		107	79 - 121
p-Isopropyltoluene	20.0	19.4		ug/L		97	76 - 120
sec-Butylbenzene	20.0	20.7		ug/L		103	77 - 120
t-Amyl methyl ether	20.0	18.9		ug/L		95	66 - 120
t-Butyl alcohol	200	136		ug/L		68	60 - 130
Tetrachloroethene	20.0	19.4		ug/L		97	80 - 120
Toluene	20.0	20.7		ug/L		104	80 - 120
trans-1,2-Dichloroethene	20.0	22.7		ug/L		114	80 - 126
trans-1,3-Dichloropropene	20.0	20.7		ug/L		104	67 - 120
Trichloroethene	20.0	20.8		ug/L		104	80 - 120
Trichlorofluoromethane	20.0	19.0		ug/L		95	55 - 135
Vinyl chloride	20.0	18.3		ug/L		92	56 - 120
Xylenes, Total	60.0	58.6		ug/L		98	80 - 120

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

Lab Sample ID: LCSD 410-265640/5
Matrix: Water
Analysis Batch: 265640

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	19.8		ug/L		99	67 - 126	0	30
1,1,2,2-Tetrachloroethane	20.0	21.4		ug/L		107	72 - 120	0	30
1,1,2-Trichloroethane	20.0	20.5		ug/L		102	80 - 120	1	30
1,1-Dichloroethane	20.0	22.0		ug/L		110	80 - 120	0	30
1,1-Dichloroethene	20.0	22.6		ug/L		113	80 - 131	2	30
1,2,4-Trimethylbenzene	20.0	20.0		ug/L		100	75 - 120	1	30
1,2-Dichlorobenzene	20.0	20.3		ug/L		102	80 - 120	2	30
1,2-Dichloroethane	20.0	18.8		ug/L		94	73 - 124	1	30
1,2-Dichloropropane	20.0	22.4		ug/L		112	80 - 120	3	30
1,3,5-Trichlorobenzene	20.0	19.0		ug/L		95	66 - 123	0	30
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	4	30
1,4-Dichlorobenzene	20.0	20.3		ug/L		102	80 - 120	2	30
2-Butanone	250	265		ug/L		106	59 - 135	1	30
2-Chloroethyl vinyl ether	20.0	20.1		ug/L		100	49 - 124	3	30
Acetone	250	303		ug/L		121	54 - 157	4	30
Acrolein	150	173		ug/L		115	47 - 136	1	30
Acrylonitrile	100	118		ug/L		118	60 - 129	2	30
Benzene	20.0	21.8		ug/L		109	80 - 120	1	30

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

Lab Sample ID: LCSD 410-265640/5
Matrix: Water
Analysis Batch: 265640

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromodichloromethane			20.0	21.1		ug/L		106	71 - 120	0	30
Bromoform			20.0	20.1		ug/L		100	51 - 120	0	30
Bromomethane			20.0	18.2		ug/L		91	53 - 128	1	30
Carbon tetrachloride			20.0	20.5		ug/L		102	64 - 134	1	30
Chlorobenzene			20.0	19.7		ug/L		98	80 - 120	2	30
Chloroethane			20.0	18.5		ug/L		93	55 - 123	0	30
Chloroform			20.0	21.3		ug/L		106	80 - 120	1	30
Chloromethane			20.0	18.6		ug/L		93	56 - 121	4	30
cis-1,2-Dichloroethene			20.0	22.1		ug/L		110	80 - 125	2	30
cis-1,3-Dichloropropene			20.0	19.9		ug/L		100	75 - 120	1	30
Dibromochloromethane			20.0	20.2		ug/L		101	71 - 120	0	30
di-Isopropyl ether			20.0	21.1		ug/L		106	70 - 124	1	30
Ethanol			1000	859		ug/L		86	31 - 180	10	30
Ethyl t-butyl ether			20.0	19.4		ug/L		97	68 - 121	0	30
Ethylbenzene			20.0	20.3		ug/L		101	80 - 120	2	30
Isopropylbenzene			20.0	19.8		ug/L		99	80 - 120	2	30
Methyl tertiary butyl ether			20.0	18.4		ug/L		92	69 - 122	0	30
Methylene Chloride			20.0	22.9		ug/L		115	80 - 120	2	30
Naphthalene			20.0	17.7		ug/L		89	53 - 124	4	30
n-Butylbenzene			20.0	21.3		ug/L		107	76 - 120	3	30
N-Propylbenzene			20.0	22.1		ug/L		110	79 - 121	3	30
p-Isopropyltoluene			20.0	20.1		ug/L		101	76 - 120	4	30
sec-Butylbenzene			20.0	21.2		ug/L		106	77 - 120	2	30
t-Amyl methyl ether			20.0	19.2		ug/L		96	66 - 120	1	30
t-Butyl alcohol			200	125		ug/L		62	60 - 130	8	30
Tetrachloroethene			20.0	19.6		ug/L		98	80 - 120	1	30
Toluene			20.0	20.8		ug/L		104	80 - 120	1	30
trans-1,2-Dichloroethene			20.0	21.9		ug/L		110	80 - 126	4	30
trans-1,3-Dichloropropene			20.0	20.2		ug/L		101	67 - 120	3	30
Trichloroethene			20.0	20.7		ug/L		104	80 - 120	0	30
Trichlorofluoromethane			20.0	19.6		ug/L		98	55 - 135	3	30
Vinyl chloride			20.0	18.1		ug/L		90	56 - 120	1	30
Xylenes, Total			60.0	59.0		ug/L		98	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: MB 410-265979/6
Matrix: Water
Analysis Batch: 265979

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<1.0		1.0		ug/L			06/15/22 21:37	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			06/15/22 21:37	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			06/15/22 21:37	1

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

Lab Sample ID: MB 410-265979/6
Matrix: Water
Analysis Batch: 265979

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<1.0		1.0		ug/L			06/15/22 21:37	1
1,1-Dichloroethene	<1.0		1.0		ug/L			06/15/22 21:37	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			06/15/22 21:37	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 21:37	1
1,2-Dichloroethane	<1.0		1.0		ug/L			06/15/22 21:37	1
1,2-Dichloropropane	<1.0		1.0		ug/L			06/15/22 21:37	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			06/15/22 21:37	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 21:37	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			06/15/22 21:37	1
2-Butanone	<10		10		ug/L			06/15/22 21:37	1
2-Chloroethyl vinyl ether	<10		10		ug/L			06/15/22 21:37	1
Acetone	<20		20		ug/L			06/15/22 21:37	1
Acrolein	<100		100		ug/L			06/15/22 21:37	1
Acrylonitrile	<20		20		ug/L			06/15/22 21:37	1
Benzene	<1.0		1.0		ug/L			06/15/22 21:37	1
Bromodichloromethane	<1.0		1.0		ug/L			06/15/22 21:37	1
Bromoform	<4.0		4.0		ug/L			06/15/22 21:37	1
Bromomethane	<1.0		1.0		ug/L			06/15/22 21:37	1
Carbon tetrachloride	<1.0		1.0		ug/L			06/15/22 21:37	1
Chlorobenzene	<1.0		1.0		ug/L			06/15/22 21:37	1
Chloroethane	<1.0		1.0		ug/L			06/15/22 21:37	1
Chloroform	<1.0		1.0		ug/L			06/15/22 21:37	1
Chloromethane	<1.0		1.0		ug/L			06/15/22 21:37	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 21:37	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 21:37	1
Dibromochloromethane	<1.0		1.0		ug/L			06/15/22 21:37	1
di-Isopropyl ether	<1.0		1.0		ug/L			06/15/22 21:37	1
Ethanol	<750		750		ug/L			06/15/22 21:37	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			06/15/22 21:37	1
Ethylbenzene	<1.0		1.0		ug/L			06/15/22 21:37	1
Isopropylbenzene	<5.0		5.0		ug/L			06/15/22 21:37	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			06/15/22 21:37	1
Methylene Chloride	<1.0		1.0		ug/L			06/15/22 21:37	1
Naphthalene	<5.0		5.0		ug/L			06/15/22 21:37	1
n-Butylbenzene	<5.0		5.0		ug/L			06/15/22 21:37	1
N-Propylbenzene	<5.0		5.0		ug/L			06/15/22 21:37	1
p-Isopropyltoluene	<5.0		5.0		ug/L			06/15/22 21:37	1
sec-Butylbenzene	<5.0		5.0		ug/L			06/15/22 21:37	1
t-Amyl methyl ether	<5.0		5.0		ug/L			06/15/22 21:37	1
t-Butyl alcohol	<50		50		ug/L			06/15/22 21:37	1
Tetrachloroethene	<1.0		1.0		ug/L			06/15/22 21:37	1
Toluene	<1.0		1.0		ug/L			06/15/22 21:37	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			06/15/22 21:37	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			06/15/22 21:37	1
Trichloroethene	<1.0		1.0		ug/L			06/15/22 21:37	1
Trichlorofluoromethane	<1.0		1.0		ug/L			06/15/22 21:37	1
Vinyl chloride	<1.0		1.0		ug/L			06/15/22 21:37	1
Xylenes, Total	<1.0		1.0		ug/L			06/15/22 21:37	1

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

Lab Sample ID: MB 410-265979/6
Matrix: Water
Analysis Batch: 265979

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*		*06/15/22 21:37*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*06/15/22 21:37*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*06/15/22 21:37*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/15/22 21:37*	*1*

Lab Sample ID: LCS 410-265979/4
Matrix: Water
Analysis Batch: 265979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	18.0		ug/L		90	67 - 126
1,1,2,2-Tetrachloroethane	20.0	20.0		ug/L		100	72 - 120
1,1,2-Trichloroethane	20.0	19.3		ug/L		96	80 - 120
1,1-Dichloroethane	20.0	19.8		ug/L		99	80 - 120
1,1-Dichloroethene	20.0	20.8		ug/L		104	80 - 131
1,2,4-Trimethylbenzene	20.0	17.5		ug/L		88	75 - 120
1,2-Dichlorobenzene	20.0	18.2		ug/L		91	80 - 120
1,2-Dichloroethane	20.0	18.0		ug/L		90	73 - 124
1,2-Dichloropropane	20.0	20.7		ug/L		104	80 - 120
1,3,5-Trichlorobenzene	20.0	17.3		ug/L		87	66 - 123
1,3-Dichlorobenzene	20.0	18.4		ug/L		92	80 - 120
1,4-Dichlorobenzene	20.0	18.4		ug/L		92	80 - 120
2-Butanone	250	259		ug/L		104	59 - 135
2-Chloroethyl vinyl ether	20.0	17.6		ug/L		88	49 - 124
Acetone	250	282		ug/L		113	54 - 157
Acrolein	150	163		ug/L		109	47 - 136
Acrylonitrile	100	115		ug/L		115	60 - 129
Benzene	20.0	20.0		ug/L		100	80 - 120
Bromodichloromethane	20.0	19.5		ug/L		97	71 - 120
Bromoform	20.0	19.1		ug/L		95	51 - 120
Bromomethane	20.0	17.3		ug/L		86	53 - 128
Carbon tetrachloride	20.0	19.1		ug/L		95	64 - 134
Chlorobenzene	20.0	17.8		ug/L		89	80 - 120
Chloroethane	20.0	17.2		ug/L		86	55 - 123
Chloroform	20.0	19.3		ug/L		97	80 - 120
Chloromethane	20.0	16.7		ug/L		84	56 - 121
cis-1,2-Dichloroethene	20.0	20.7		ug/L		104	80 - 125
cis-1,3-Dichloropropene	20.0	18.2		ug/L		91	75 - 120
Dibromochloromethane	20.0	18.8		ug/L		94	71 - 120
di-Isopropyl ether	20.0	19.7		ug/L		99	70 - 124
Ethanol	1000	895		ug/L		89	31 - 180
Ethyl t-butyl ether	20.0	18.6		ug/L		93	68 - 121
Ethylbenzene	20.0	18.1		ug/L		91	80 - 120
Isopropylbenzene	20.0	17.7		ug/L		88	80 - 120
Methyl tertiary butyl ether	20.0	18.0		ug/L		90	69 - 122
Methylene Chloride	20.0	21.3		ug/L		106	80 - 120
Naphthalene	20.0	16.9		ug/L		84	53 - 124
n-Butylbenzene	20.0	18.4		ug/L		92	76 - 120

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

Lab Sample ID: LCS 410-265979/4
Matrix: Water
Analysis Batch: 265979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-Propylbenzene	20.0	19.3		ug/L		97	79 - 121
p-Isopropyltoluene	20.0	17.5		ug/L		87	76 - 120
sec-Butylbenzene	20.0	18.6		ug/L		93	77 - 120
t-Amyl methyl ether	20.0	18.5		ug/L		92	66 - 120
t-Butyl alcohol	200	141		ug/L		70	60 - 130
Tetrachloroethene	20.0	17.1		ug/L		86	80 - 120
Toluene	20.0	18.7		ug/L		93	80 - 120
trans-1,2-Dichloroethene	20.0	20.3		ug/L		101	80 - 126
trans-1,3-Dichloropropene	20.0	18.9		ug/L		95	67 - 120
Trichloroethene	20.0	19.2		ug/L		96	80 - 120
Trichlorofluoromethane	20.0	17.9		ug/L		89	55 - 135
Vinyl chloride	20.0	16.2		ug/L		81	56 - 120
Xylenes, Total	60.0	53.3		ug/L		89	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Lab Sample ID: MB 410-266120/1-A
Matrix: Water
Analysis Batch: 266381

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 266120

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28) (1C)	<0.11		0.11	mg/L		06/16/22 07:28	06/17/22 19:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*100*		*37 - 153*	*06/16/22 07:28*	*06/17/22 19:09*	*1*

Lab Sample ID: LCS 410-266120/2-A
Matrix: Water
Analysis Batch: 266381

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 266120

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
DRO (C10-C28) (1C)	2.74	2.53		mg/L		92	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o- terphenyl (Surr) (1C)	*90*		*37 - 153*

Lab Sample ID: LCSD 410-266120/3-A
Matrix: Water
Analysis Batch: 266381

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 266120

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
DRO (C10-C28) (1C)	2.71	2.60		mg/L		96	70 - 140	2	20

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics) (Continued)

Lab Sample ID: LCSD 410-266120/3-A
Matrix: Water
Analysis Batch: 266381

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 266120

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
o- terphenyl (Surr) (1C)	126		37 - 153

GC/MS VOA

Analysis Batch: 265640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-87289-1	MW-2	Total/NA	Groundwater	8260C	
410-87289-2	MW-4	Total/NA	Groundwater	8260C	
410-87289-3	MW-5	Total/NA	Groundwater	8260C	
410-87289-4	MW-6	Total/NA	Groundwater	8260C	
410-87289-5	MW-10D	Total/NA	Groundwater	8260C	
410-87289-6	MW-13	Total/NA	Groundwater	8260C	
410-87289-7	MW-14	Total/NA	Groundwater	8260C	
410-87289-8	BR-1	Total/NA	Groundwater	8260C	
MB 410-265640/7	Method Blank	Total/NA	Water	8260C	
LCS 410-265640/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 410-265640/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 265979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-87289-9	TF-1	Total/NA	Groundwater	8260C	
410-87289-10	TF-2	Total/NA	Groundwater	8260C	
410-87289-11	TF-3	Total/NA	Groundwater	8260C	
MB 410-265979/6	Method Blank	Total/NA	Water	8260C	
LCS 410-265979/4	Lab Control Sample	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 266120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-87289-1	MW-2	Total/NA	Groundwater	3511	
410-87289-2	MW-4	Total/NA	Groundwater	3511	
410-87289-4	MW-6	Total/NA	Groundwater	3511	
410-87289-5	MW-10D	Total/NA	Groundwater	3511	
410-87289-9	TF-1	Total/NA	Groundwater	3511	
410-87289-10	TF-2	Total/NA	Groundwater	3511	
410-87289-11	TF-3	Total/NA	Groundwater	3511	
MB 410-266120/1-A	Method Blank	Total/NA	Water	3511	
LCS 410-266120/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 410-266120/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 266381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-87289-1	MW-2	Total/NA	Groundwater	8015C	266120
410-87289-2	MW-4	Total/NA	Groundwater	8015C	266120
410-87289-4	MW-6	Total/NA	Groundwater	8015C	266120
410-87289-5	MW-10D	Total/NA	Groundwater	8015C	266120
410-87289-9	TF-1	Total/NA	Groundwater	8015C	266120
410-87289-10	TF-2	Total/NA	Groundwater	8015C	266120
410-87289-11	TF-3	Total/NA	Groundwater	8015C	266120
MB 410-266120/1-A	Method Blank	Total/NA	Water	8015C	266120
LCS 410-266120/2-A	Lab Control Sample	Total/NA	Water	8015C	266120
LCSD 410-266120/3-A	Lab Control Sample Dup	Total/NA	Water	8015C	266120

Lab Chronicle

Client: Kleinfelder Inc
Job ID: 410-87289-1
Project/Site: Southside Oil 20025

Client Sample ID: MW-2
Lab Sample ID: 410-87289-1
Date Collected: 06/08/22 11:55
Matrix: Groundwater
Date Received: 06/09/22 16:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	265640	06/15/22 15:59	ULCP	ELLE
Total/NA	Prep	3511			266120	06/16/22 07:28	UMAD	ELLE
Total/NA	Analysis	8015C		1	266381	06/17/22 20:21	KP5X	ELLE

Client Sample ID: MW-4
Lab Sample ID: 410-87289-2
Date Collected: 06/08/22 11:40
Matrix: Groundwater
Date Received: 06/09/22 16:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	265640	06/15/22 16:22	ULCP	ELLE
Total/NA	Prep	3511			266120	06/16/22 07:28	UMAD	ELLE
Total/NA	Analysis	8015C		1	266381	06/17/22 20:45	KP5X	ELLE

Client Sample ID: MW-5
Lab Sample ID: 410-87289-3
Date Collected: 06/08/22 10:30
Matrix: Groundwater
Date Received: 06/09/22 16:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	265640	06/15/22 16:44	ULCP	ELLE

Client Sample ID: MW-6
Lab Sample ID: 410-87289-4
Date Collected: 06/08/22 11:15
Matrix: Groundwater
Date Received: 06/09/22 16:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	265640	06/15/22 17:07	ULCP	ELLE
Total/NA	Prep	3511			266120	06/16/22 07:28	UMAD	ELLE
Total/NA	Analysis	8015C		1	266381	06/17/22 21:08	KP5X	ELLE

Client Sample ID: MW-10D
Lab Sample ID: 410-87289-5
Date Collected: 06/08/22 10:50
Matrix: Groundwater
Date Received: 06/09/22 16:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	265640	06/15/22 17:29	ULCP	ELLE
Total/NA	Prep	3511			266120	06/16/22 07:28	UMAD	ELLE
Total/NA	Analysis	8015C		1	266381	06/17/22 21:32	KP5X	ELLE

Client Sample ID: MW-13
Lab Sample ID: 410-87289-6
Date Collected: 06/08/22 08:15
Matrix: Groundwater
Date Received: 06/09/22 16:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	265640	06/15/22 17:51	ULCP	ELLE

Lab Chronicle

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Client Sample ID: MW-14
Date Collected: 06/08/22 13:00
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-7
Matrix: Groundwater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	265640	06/15/22 18:14	ULCP	ELLE

Client Sample ID: BR-1
Date Collected: 06/08/22 08:15
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-8
Matrix: Groundwater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	265640	06/15/22 18:36	ULCP	ELLE

Client Sample ID: TF-1
Date Collected: 06/08/22 09:30
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-9
Matrix: Groundwater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	265979	06/16/22 03:13	Y6ZN	ELLE
Total/NA	Prep	3511			266120	06/16/22 07:28	UMAD	ELLE
Total/NA	Analysis	8015C		1	266381	06/17/22 21:56	KP5X	ELLE

Client Sample ID: TF-2
Date Collected: 06/08/22 10:05
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-10
Matrix: Groundwater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	265979	06/16/22 03:35	Y6ZN	ELLE
Total/NA	Prep	3511			266120	06/16/22 07:28	UMAD	ELLE
Total/NA	Analysis	8015C		1	266381	06/17/22 22:20	KP5X	ELLE

Client Sample ID: TF-3
Date Collected: 06/08/22 08:55
Date Received: 06/09/22 16:35

Lab Sample ID: 410-87289-11
Matrix: Groundwater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	265979	06/16/22 03:57	Y6ZN	ELLE
Total/NA	Prep	3511			266120	06/16/22 07:28	UMAD	ELLE
Total/NA	Analysis	8015C		1	266381	06/17/22 22:44	KP5X	ELLE

Laboratory References:

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

Accreditation/Certification Summary

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-87289-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

Authority	Program	Identification Number	Expiration Date
Maryland	State	100	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
8015C	3511	Groundwater	DRO (C10-C28) (1C)
8260C		Groundwater	1,1,1-Trichloroethane
8260C		Groundwater	1,1,2,2-Tetrachloroethane
8260C		Groundwater	1,1,2-Trichloroethane
8260C		Groundwater	1,1-Dichloroethane
8260C		Groundwater	1,1-Dichloroethene
8260C		Groundwater	1,2,4-Trimethylbenzene
8260C		Groundwater	1,2-Dichlorobenzene
8260C		Groundwater	1,2-Dichloroethane
8260C		Groundwater	1,2-Dichloropropane
8260C		Groundwater	1,3,5-Trichlorobenzene
8260C		Groundwater	1,3-Dichlorobenzene
8260C		Groundwater	1,4-Dichlorobenzene
8260C		Groundwater	2-Butanone
8260C		Groundwater	2-Chloroethyl vinyl ether
8260C		Groundwater	Acetone
8260C		Groundwater	Acrolein
8260C		Groundwater	Acrylonitrile
8260C		Groundwater	Benzene
8260C		Groundwater	Bromodichloromethane
8260C		Groundwater	Bromoform
8260C		Groundwater	Bromomethane
8260C		Groundwater	Carbon tetrachloride
8260C		Groundwater	Chlorobenzene
8260C		Groundwater	Chloroethane
8260C		Groundwater	Chloroform
8260C		Groundwater	Chloromethane
8260C		Groundwater	cis-1,2-Dichloroethene
8260C		Groundwater	cis-1,3-Dichloropropene
8260C		Groundwater	Dibromochloromethane
8260C		Groundwater	di-Isopropyl ether
8260C		Groundwater	Ethanol
8260C		Groundwater	Ethyl t-butyl ether
8260C		Groundwater	Ethylbenzene
8260C		Groundwater	Isopropylbenzene
8260C		Groundwater	Methyl tertiary butyl ether
8260C		Groundwater	Methylene Chloride
8260C		Groundwater	Naphthalene
8260C		Groundwater	n-Butylbenzene
8260C		Groundwater	N-Propylbenzene
8260C		Groundwater	p-Isopropyltoluene
8260C		Groundwater	sec-Butylbenzene
8260C		Groundwater	t-Amyl methyl ether
8260C		Groundwater	t-Butyl alcohol
8260C		Groundwater	Tetrachloroethene

Client: Kleinfelder Inc
Job ID: 410-87289-1
Project/Site: Southside Oil 20025

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

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

Authority	Program	Identification Number	Expiration Date

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

Analysis Method	Prep Method	Matrix	Analyte
8260C		Groundwater	Toluene
8260C		Groundwater	trans-1,2-Dichloroethene
8260C		Groundwater	trans-1,3-Dichloropropene
8260C		Groundwater	Trichloroethene
8260C		Groundwater	Trichlorofluoromethane
8260C		Groundwater	Vinyl chloride
8260C		Groundwater	Xylenes, Total

Method Summary

Client: Kleinfelder Inc
Job ID: 410-87289-1
Project/Site: Southside Oil 20025

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	ELLE
8015C	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	SW846	ELLE
3511	Microextraction of Organic Compounds	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Lancaster Laboratories

S+S Tech Elkton, MD

Analysis Request/

410-87289 Chain of Custody

tody

For Lancaster Laboratories use only Acct. #: _____
Group #: _____ Sample #: _____

Client:	Kleinfelder, Inc.	Acct. #:	
Project Name/#:	20025 - Perryville	PWSID #:	
Project Manager:	Mark C. Steele	P.O. #:	00113847.000A/03-1000
Sampler:	Dave Seaman	Quote #:	
Name of State where samples were collected:	Maryland		

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Potable Water	Matrix: NPDES Water	Matrix: Other	Total # of Containers	Full List VOC 8260	TPH-DRO 8015	Ethanol 8260	Remarks
MW-2	6-8-22	1155	X			X			5	X	X	X	
MW-4		1140	X			X			5	X	X	X	
MW-5		1030	X			X			3	X		X	
MW-6		1115	X			X			5	X	X	X	
MW-10D		1050	X			X			5	X	X	X	
MW-13		0815	X			X			3	X		X	
MW-14		1300	X			X			3	X		X	
BR-1		0830	X			X			3	X		X	
TF-1		0930	X			X			5	X	X	X	
TF-2		1005	X			X			5	X	X	X	
TF-3		0855	X			X			5	X	X	X	

Analyses Requested / Preservation Codes: H, H, H

For Lab Use Only
FSC: _____
SCR#: _____

Preservation Codes: H=HCl T=Thiosulfate N=HNO3 B=NaOH S=H2SO4 O=Other

Temperature of samples upon receipt (if requested): 2.6

Turnaround Time Requested (TAT) (please circle) Normal Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed: _____

Rush results requested by (please circle): Phone Fax E-mail

Phone #: _____ Fax #: _____

E-mail address:

Data Package Options (please circle if required)

Type I (validation/NJ reg) TX-TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

State-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicated QC sample and submit triplecate volume)
Internal COC required? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
	6-8-22	1400		6/9/22	1300
	6/9/22	1541			
				6/9/22	1635

Lancaster Laboratories, Inc. 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 717-656-2300

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client

Login Sample Receipt Checklist

Client: Kleinfelder Inc

Job Number: 410-87289-1

Login Number: 87289
List Number: 1
Creator: Reiff, Nicole L

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	

Client: Kleinfelder Inc
Job ID: 410-87289-1
Project/Site: Southside Oil 20025

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
cn	Refer to Case Narrative for further detail

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count