VIA US MAIL

January 31, 2023
Kleinfelder Project No.: 00113847.001A

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

SUBJECT: **FOURTH 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 Fourth 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

Ben Clarke
Geologist

Timothy Boswell, PG (DE)
Project Manager

Enclosure

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

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FOURTH 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:	September 30 through December 31, 2022
Last Report:	Third Quarter Groundwater Monitoring Report, October 31, 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

December 12 and 15, 2022 – Groundwater Gauging/Sampling

Wells Gauged and Sampled:	MW-1 through MW-9, MW-10D, MW-13, MW-14, BR-1, TF-1, and TF-2
Sampled Only:	1836 Perryville Rd
Liquid Phase Hydrocarbon:	None detected

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Min./Max. Depth to Water (Monitoring Wells):	19.66 feet (MW-5) / 35.80 feet (MW-13)
Hydraulic Gradient:	0.068 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 December 12 and 15, 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) including 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 Laboratory Report is included as **Appendix A**.

December 12, 2022 – Potable Well Access

Per the MDE's Site Status Letter dated July 30, 2013, the potable well at 1836 Perryville Road was sampled on December 12, 2022 for the first time since May 2020. A local area map showing the location of the potable well is included as **Figure 1**. A Water Well Sample Access agreement, which was provided to the MDE in the last quarterly report, was executed by the current property owner who is renovating the house on September 28, 2022.

The potable well sample was collected from the outside spigot of the house. Prior to sample collection, water was purged for 15 minutes from the potable well and indoor piping. The potable water sample was submitted under chain of custody protocol to Eurofins for analysis of full list VOCs and fuel oxygenates using EPA Method 524.2. The results of the potable well sampling is summarized in **Table 2** and the laboratory analysis report is included within **Appendix A**.

Methyl tertiary butyl ether (MTBE) was detected at a concentration of 5.1 micrograms per liter (µg/L) in the 1836 Perryville Road potable well sample. The concentration of MTBE in the potable well samples collected from 1836 Perryville Road have remained below the MDE trigger level of 10 µg/L since sampling was initiated in April 2011.

ACTIVITIES PLANNED FOR NEXT PERIOD (FIRST QUARTER 2023)

Activities planned include groundwater sampling of select monitoring wells and tank field wells. The results will be submitted in the First Quarter 2023 monitoring report with a request to close Case No 2006-0489-CE and initiate semi-annual sampling of select wells under the High Risk Groundwater Use Area (HRGUA) regulations.

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 (December 12 and 15, 2022)

TABLES

1 Groundwater Monitoring and Analytical Data
2 Potable Well Analytical Data

APPENDIX

A Laboratory Report

Sincerely,

KLEINFELDER

Ben Clarke
Geologist

Timothy Boswell, PG (Delaware)
Project Manager

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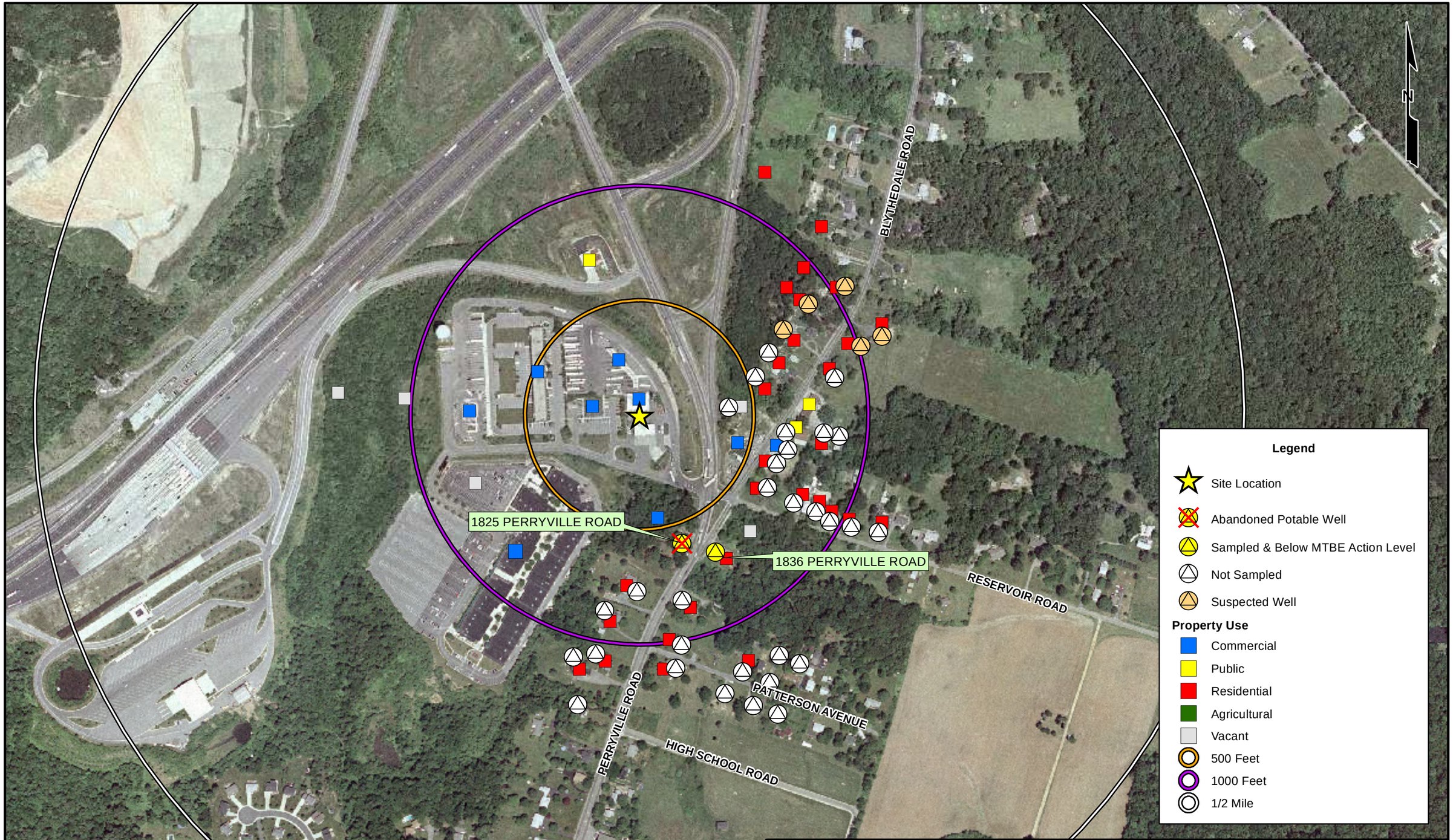
FIGURES



400 200 0 400 Feet

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PROJECT NO.	113847
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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

MW-9
62.91
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)
ND(750)

MW-1
58.69
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)
ND(750)

MW-2
60.42
ND(1.0)
ND(1.0)
ND(1.0)
ND(1.0)
3.1
ND(50)
ND(5.0)
ND(1.0)
ND(1.0)
ND(5.0)
ND(0.11)
ND(750)

MW-4
64.50
2.3
ND(1.0)
1.5
ND(1.0)
77
150
ND(5.0)
ND(1.0)
2.1
ND(5.0)
ND(0.11)
ND(750)

MW-8
59.04
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)
ND(750)

MW-7
58.32
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)
ND(750)

MW-13
49.74
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)
ND(750)

MW-3
59.97
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)
ND(750)

BR-1
48.86
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
ND(750)

TF-3
NSVD
NS

TF-2
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)
0.19
ND(750)

MW-5
61.15
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)
ND(0.11)
ND(750)

TF-1
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)
ND(750)

MW-10D
53.71
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)
ND(750)

MW-6
61.23
6.4
ND(1.0)
ND(1.0)
ND(1.0)
120
210
10
ND(1.0)
2.6
ND(5.0)
ND(0.11)
ND(750)

MW-14
33.98
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)
ND(0.11)
ND(750)

MW-12

PW 1825

PW 1836

BR-1

Perrylawn Drive

Heather Lane

Perryville Road

62
60
62
64
58
56
54
52
50
48
46
44
42
40
38
36
34

N

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

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FILE NAME:	20025 _HD_MAP_4Q22.mxd

HYDROCARBON DISTRIBUTION/ GROUNDWATER CONTOUR MAP DECEMBER 12 & 15 2022

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

FIGURE
2

\\azgrisstorp01\GIS_Projects\Local Server Transfers\Islandia\0507603 - 2-0025 PERRYVILLE\20025_HD_MAP_4Q22.mxd

TABLES

Table 1

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 15, 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 December 15, 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)	
	9/26/2022	83.23	35.32	ND	ND	47.91	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)	
	12/12/2022	83.23	34.37	ND	ND	48.86	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 December 15, 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 December 15, 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 December 15, 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	
	9/26/2022	89.87	32.24	ND	ND	57.63	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/12/2022	89.87	31.18	ND	ND	58.69	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 December 15, 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 December 15, 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 December 15, 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)	
	9/26/2022	86.17	26.93	ND	ND	59.24	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	5.8	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(0.11)	NA	ND(750)	
	12/12/2022	86.17	25.75	ND	ND	60.42	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.1	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 December 15, 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 December 15, 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 December 15, 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	
	9/26/2022	84.83	26.03	ND	ND	58.80	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/12/2022	84.83	24.86	ND	ND	59.97	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 December 15, 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 December 15, 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)	
	9/26/2022	84.65	23.17	ND	ND	61.48	9.0	ND(1.0)	1.4	ND(1.0)	110	330	8.5	ND(1.0)	4.1	ND(5.0)	ND(0.11)	NA	ND(750)	
	12/15/2022	84.65	20.15	ND	ND	64.50	2.3	ND(1.0)	1.5	ND(1.0)	77	150	ND(5.0)	ND(1.0)	2.1	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 December 15, 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 December 15, 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)	
	9/26/2022	80.81	19.32	ND	ND	61.49	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.3	ND(50)	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	NA	NA	ND(750)	
	12/15/2022	80.81	19.66	ND	ND	61.15	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)	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 December 15, 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 December 15, 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)	
	9/26/2022	83.74	23.00	ND	ND	60.74	3.6	ND(1.0)	ND(1.0)	ND(1.0)	68	190	5.3	ND(1.0)	1.4	ND(5.0)	ND(0.11)	NA	ND(750)	
	12/15/2022	83.74	22.51	ND	ND	61.23	6.4	ND(1.0)	ND(1.0)	ND(1.0)	120	210	10	ND(1.0)	2.6	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 December 15, 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 December 15, 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	
	9/26/2022	87.56	30.19	ND	ND	57.37	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/12/2022	87.56	29.24	ND	ND	58.32	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 December 15, 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 December 15, 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	
	9/26/2022	87.77	29.75	ND	ND	58.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/12/2022	87.77	28.73	ND	ND	59.04	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 December 15, 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 December 15, 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	
	9/26/2022	89.05	27.66	ND	ND	61.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/12/2022	89.05	26.14	ND	ND	62.91	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 December 15, 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 December 15, 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)	
	9/26/2022	82.61	30.36	ND	ND	52.25	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	130	250	11	ND(1.0)	2.9	ND(5.0)	ND(0.11)	NA	ND(750)	
	12/15/2022	82.61	28.90	ND	ND	53.71	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 December 15, 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 December 15, 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 December 15, 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)	
	9/26/2022	85.54	36.62	ND	ND	48.92	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)	NA	NA	ND(750)	
	12/12/2022	85.54	35.80	ND	ND	49.74	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 December 15, 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 December 15, 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)	
	9/26/2022	65.09	29.89	ND	ND	35.20	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)	NA	NA	ND(750)	
	12/15/2022	65.09	31.11	ND	ND	33.98	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)	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 December 15, 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 December 15, 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 December 15, 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	9/26/2022	NSVD	2.17	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)	
	12/15/2022	NSVD	1.80	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 December 15, 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 December 15, 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 December 15, 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	9/26/2022	NSVD	0.74	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)	
	12/15/2022	NSVD	0.36	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)	0.19	NA	ND(750)	

Table 1 (Continued)

Groundwater Monitoring & Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through December 15, 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 December 15, 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 December 15, 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)	
	9/26/2022	NSVD	0.16	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)	0.36	NA	ND(750)	
	12/15/2022	NSVD	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 December 15, 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 12, 2022

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 12, 2022

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 12, 2022

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 12, 2022

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 12, 2022

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
	12/12/2022	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	BRL	5.1	ND(25)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	

Table 2 (Continued)

Potable Well Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
October 5, 2010 through December 12, 2022

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

APPENDIX A

LABORATORY REPORT

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mark C Steele
Kleinfelder Inc
1745 Dorsey Road
Suite J
Hanover, Maryland 21076

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JOB DESCRIPTION

Southside Oil 20025

JOB NUMBER

410-109628-1

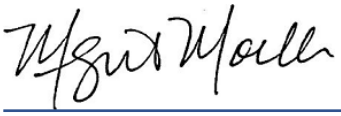
Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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

Compliance Statement

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.

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.

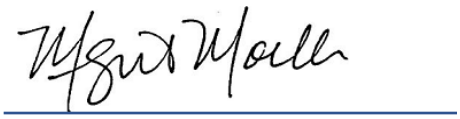


Table of Contents

Sample Summary

Client: Kleinfelder Inc
Job ID: 410-109628-1
Project/Site: Southside Oil 20025

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-109628-1	MW-4	Groundwater	12/15/22 12:20	12/16/22 17:02
410-109628-2	MW-5	Groundwater	12/15/22 11:45	12/16/22 17:02
410-109628-3	MW-6	Groundwater	12/15/22 13:45	12/16/22 17:02
410-109628-4	MW-10D	Groundwater	12/15/22 14:15	12/16/22 17:02
410-109628-5	MW-14	Groundwater	12/15/22 11:00	12/16/22 17:02
410-109628-6	TF-1	Groundwater	12/15/22 12:50	12/16/22 17:02
410-109628-7	TF-2	Groundwater	12/15/22 13:15	12/16/22 17:02

Job ID: 410-109628-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative
410-109628-1

Receipt
The samples were received on 12/16/2022 5:02 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 1.2°C

Receipt Exceptions
A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 410-330688 recovered outside acceptance criteria, low biased, for t-Butyl alcohol. 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 one of the Method 8260 analytes requested. The following samples were received preserved with hydrochloric acid: MW-4 (410-109628-1), MW-5 (410-109628-2), MW-6 (410-109628-3) and MW-10D (410-109628-4). The requested target analyte list includes 2-Chloroethyl vinyl ether, Acrolein and Acrylonitrile , an acid-labile compound that degrades in an acidic medium.

Method 8260C: The continuing calibration verification (CCV) associated with batch 410-330984 recovered outside acceptance criteria, low biased, for Chloromethane and t-Butyl alcohol. 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 one of the Method 8260 analytes requested. The following samples were received preserved with hydrochloric acid: MW-14 (410-109628-5) and TF-1 (410-109628-6). The requested target analyte list includes 2-Chloroethyl vinyl ether, Acrolein and Acrylonitrile , an acid-labile compound that degrades in an acidic medium.

Method 8260C: The continuing calibration verification (CCV) associated with batch 410-331095 recovered outside acceptance criteria, low biased, for t-Butyl alcohol. A reporting limit (RL) standard was analyzed and non-detections of the affected analytes are reported. Any detections are considered estimated.

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: 410-109628-1

Client Sample ID: MW-4 — Lab Sample ID: 410-109628-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	2.3		1.0		ug/L	1		8260C	Total/NA
di-Isopropyl ether	2.1		1.0		ug/L	1		8260C	Total/NA
Ethylbenzene	1.5		1.0		ug/L	1		8260C	Total/NA
Methyl tertiary butyl ether	77		1.0		ug/L	1		8260C	Total/NA
t-Butyl alcohol	150	cn	50		ug/L	1		8260C	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 410-109628-2

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: 410-109628-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzene	6.4		1.0		ug/L	1		8260C	Total/NA
di-Isopropyl ether	2.6		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	10		5.0		ug/L	1		8260C	Total/NA
t-Butyl alcohol	210	cn	50		ug/L	1		8260C	Total/NA

Client Sample ID: MW-10D — Lab Sample ID: 410-109628-4

No Detections.

Client Sample ID: MW-14 — Lab Sample ID: 410-109628-5

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: TF-1 — Lab Sample ID: 410-109628-6

No Detections.

Client Sample ID: TF-2 — Lab Sample ID: 410-109628-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
DRO (C10-C28) (1C)	0.19		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: 410-109628-1

Client Sample ID: MW-4
Date Collected: 12/15/22 12:20
Date Received: 12/16/22 17:02

Lab Sample ID: 410-109628-1
Matrix: Groundwater

Method: SW846 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			12/28/22 18:47	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/28/22 18:47	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/28/22 18:47	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/28/22 18:47	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/28/22 18:47	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/28/22 18:47	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 18:47	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/28/22 18:47	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/28/22 18:47	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			12/28/22 18:47	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 18:47	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 18:47	1
2-Butanone	<10		10		ug/L			12/28/22 18:47	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			12/28/22 18:47	1
Acetone	<20		20		ug/L			12/28/22 18:47	1
Acrolein	<100	cn	100		ug/L			12/28/22 18:47	1
Acrylonitrile	<20	cn	20		ug/L			12/28/22 18:47	1
Benzene	**2.3**		1.0		ug/L			12/28/22 18:47	1
Bromodichloromethane	<1.0		1.0		ug/L			12/28/22 18:47	1
Bromoform	<4.0		4.0		ug/L			12/28/22 18:47	1
Bromomethane	<1.0		1.0		ug/L			12/28/22 18:47	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/28/22 18:47	1
Chlorobenzene	<1.0		1.0		ug/L			12/28/22 18:47	1
Chloroethane	<1.0		1.0		ug/L			12/28/22 18:47	1
Chloroform	<1.0		1.0		ug/L			12/28/22 18:47	1
Chloromethane	<2.0		2.0		ug/L			12/28/22 18:47	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/28/22 18:47	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/28/22 18:47	1
Dibromochloromethane	<1.0		1.0		ug/L			12/28/22 18:47	1
di-Isopropyl ether	**2.1**		1.0		ug/L			12/28/22 18:47	1
Ethanol	<750		750		ug/L			12/28/22 18:47	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/28/22 18:47	1
Ethylbenzene	**1.5**		1.0		ug/L			12/28/22 18:47	1
Isopropylbenzene	<5.0		5.0		ug/L			12/28/22 18:47	1
Methyl tertiary butyl ether	**77**		1.0		ug/L			12/28/22 18:47	1
Methylene Chloride	<1.0		1.0		ug/L			12/28/22 18:47	1
Naphthalene	<5.0		5.0		ug/L			12/28/22 18:47	1
n-Butylbenzene	<5.0		5.0		ug/L			12/28/22 18:47	1
N-Propylbenzene	<5.0		5.0		ug/L			12/28/22 18:47	1
p-Isopropyltoluene	<5.0		5.0		ug/L			12/28/22 18:47	1
sec-Butylbenzene	<5.0		5.0		ug/L			12/28/22 18:47	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/28/22 18:47	1
t-Butyl alcohol	**150**	**cn**	50		ug/L			12/28/22 18:47	1
Tetrachloroethene	<1.0		1.0		ug/L			12/28/22 18:47	1
Toluene	<1.0		1.0		ug/L			12/28/22 18:47	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/28/22 18:47	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/28/22 18:47	1
Trichloroethene	<1.0		1.0		ug/L			12/28/22 18:47	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/28/22 18:47	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-109628-1

Client Sample ID: MW-4
Date Collected: 12/15/22 12:20
Date Received: 12/16/22 17:02

Lab Sample ID: 410-109628-1
Matrix: Groundwater

Method: SW846 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			12/28/22 18:47	1
Xylenes, Total	<1.0		1.0		ug/L			12/28/22 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*12/28/22 18:47*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*12/28/22 18:47*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*12/28/22 18:47*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/28/22 18:47*	*1*

Method: SW846 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		12/22/22 08:04	12/22/22 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*129*		*37 - 153*	*12/22/22 08:04*	*12/22/22 18:54*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-109628-1

Client Sample ID: MW-5

Date Collected: 12/15/22 11:45
Date Received: 12/16/22 17:02

Lab Sample ID: 410-109628-2

Matrix: Groundwater

Method: SW846 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			12/28/22 19:09	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/28/22 19:09	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/28/22 19:09	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/28/22 19:09	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/28/22 19:09	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/28/22 19:09	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 19:09	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/28/22 19:09	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/28/22 19:09	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			12/28/22 19:09	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 19:09	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 19:09	1
2-Butanone	<10		10		ug/L			12/28/22 19:09	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			12/28/22 19:09	1
Acetone	<20		20		ug/L			12/28/22 19:09	1
Acrolein	<100	cn	100		ug/L			12/28/22 19:09	1
Acrylonitrile	<20	cn	20		ug/L			12/28/22 19:09	1
Benzene	<1.0		1.0		ug/L			12/28/22 19:09	1
Bromodichloromethane	<1.0		1.0		ug/L			12/28/22 19:09	1
Bromoform	<4.0		4.0		ug/L			12/28/22 19:09	1
Bromomethane	<1.0		1.0		ug/L			12/28/22 19:09	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/28/22 19:09	1
Chlorobenzene	<1.0		1.0		ug/L			12/28/22 19:09	1
Chloroethane	<1.0		1.0		ug/L			12/28/22 19:09	1
Chloroform	<1.0		1.0		ug/L			12/28/22 19:09	1
Chloromethane	<2.0		2.0		ug/L			12/28/22 19:09	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/28/22 19:09	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/28/22 19:09	1
Dibromochloromethane	<1.0		1.0		ug/L			12/28/22 19:09	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/28/22 19:09	1
Ethanol	<750		750		ug/L			12/28/22 19:09	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/28/22 19:09	1
Ethylbenzene	<1.0		1.0		ug/L			12/28/22 19:09	1
Isopropylbenzene	<5.0		5.0		ug/L			12/28/22 19:09	1
Methyl tertiary butyl ether	**1.0**		1.0		ug/L			12/28/22 19:09	1
Methylene Chloride	<1.0		1.0		ug/L			12/28/22 19:09	1
Naphthalene	<5.0		5.0		ug/L			12/28/22 19:09	1
n-Butylbenzene	<5.0		5.0		ug/L			12/28/22 19:09	1
N-Propylbenzene	<5.0		5.0		ug/L			12/28/22 19:09	1
p-Isopropyltoluene	<5.0		5.0		ug/L			12/28/22 19:09	1
sec-Butylbenzene	<5.0		5.0		ug/L			12/28/22 19:09	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/28/22 19:09	1
t-Butyl alcohol	<50	cn	50		ug/L			12/28/22 19:09	1
Tetrachloroethene	<1.0		1.0		ug/L			12/28/22 19:09	1
Toluene	<1.0		1.0		ug/L			12/28/22 19:09	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/28/22 19:09	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/28/22 19:09	1
Trichloroethene	<1.0		1.0		ug/L			12/28/22 19:09	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/28/22 19:09	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-109628-1

Client Sample ID: MW-5
Date Collected: 12/15/22 11:45
Date Received: 12/16/22 17:02

Lab Sample ID: 410-109628-2
Matrix: Groundwater

Method: SW846 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			12/28/22 19:09	1
Xylenes, Total	<1.0		1.0		ug/L			12/28/22 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*12/28/22 19:09*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*12/28/22 19:09*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*12/28/22 19:09*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/28/22 19:09*	*1*

Method: SW846 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		12/22/22 08:04	12/22/22 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*133*		*37 - 153*	*12/22/22 08:04*	*12/22/22 19:17*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-109628-1

Client Sample ID: MW-6
Date Collected: 12/15/22 13:45
Date Received: 12/16/22 17:02

Lab Sample ID: 410-109628-3
Matrix: Groundwater

Method: SW846 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			12/28/22 19:31	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/28/22 19:31	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/28/22 19:31	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/28/22 19:31	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/28/22 19:31	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/28/22 19:31	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 19:31	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/28/22 19:31	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/28/22 19:31	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			12/28/22 19:31	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 19:31	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 19:31	1
2-Butanone	<10		10		ug/L			12/28/22 19:31	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			12/28/22 19:31	1
Acetone	<20		20		ug/L			12/28/22 19:31	1
Acrolein	<100	cn	100		ug/L			12/28/22 19:31	1
Acrylonitrile	<20	cn	20		ug/L			12/28/22 19:31	1
Benzene	**6.4**		1.0		ug/L			12/28/22 19:31	1
Bromodichloromethane	<1.0		1.0		ug/L			12/28/22 19:31	1
Bromoform	<4.0		4.0		ug/L			12/28/22 19:31	1
Bromomethane	<1.0		1.0		ug/L			12/28/22 19:31	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/28/22 19:31	1
Chlorobenzene	<1.0		1.0		ug/L			12/28/22 19:31	1
Chloroethane	<1.0		1.0		ug/L			12/28/22 19:31	1
Chloroform	<1.0		1.0		ug/L			12/28/22 19:31	1
Chloromethane	<2.0		2.0		ug/L			12/28/22 19:31	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/28/22 19:31	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/28/22 19:31	1
Dibromochloromethane	<1.0		1.0		ug/L			12/28/22 19:31	1
di-Isopropyl ether	**2.6**		1.0		ug/L			12/28/22 19:31	1
Ethanol	<750		750		ug/L			12/28/22 19:31	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/28/22 19:31	1
Ethylbenzene	<1.0		1.0		ug/L			12/28/22 19:31	1
Isopropylbenzene	<5.0		5.0		ug/L			12/28/22 19:31	1
Methyl tertiary butyl ether	**120**		1.0		ug/L			12/28/22 19:31	1
Methylene Chloride	<1.0		1.0		ug/L			12/28/22 19:31	1
Naphthalene	<5.0		5.0		ug/L			12/28/22 19:31	1
n-Butylbenzene	<5.0		5.0		ug/L			12/28/22 19:31	1
N-Propylbenzene	<5.0		5.0		ug/L			12/28/22 19:31	1
p-Isopropyltoluene	<5.0		5.0		ug/L			12/28/22 19:31	1
sec-Butylbenzene	<5.0		5.0		ug/L			12/28/22 19:31	1
t-Amyl methyl ether	**10**		5.0		ug/L			12/28/22 19:31	1
t-Butyl alcohol	**210**	**cn**	50		ug/L			12/28/22 19:31	1
Tetrachloroethene	<1.0		1.0		ug/L			12/28/22 19:31	1
Toluene	<1.0		1.0		ug/L			12/28/22 19:31	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/28/22 19:31	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/28/22 19:31	1
Trichloroethene	<1.0		1.0		ug/L			12/28/22 19:31	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/28/22 19:31	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-109628-1

Client Sample ID: MW-6
Date Collected: 12/15/22 13:45
Date Received: 12/16/22 17:02

Lab Sample ID: 410-109628-3
Matrix: Groundwater

Method: SW846 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			12/28/22 19:31	1
Xylenes, Total	<1.0		1.0		ug/L			12/28/22 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*12/28/22 19:31*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*12/28/22 19:31*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*12/28/22 19:31*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/28/22 19:31*	*1*

Method: SW846 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		12/22/22 08:04	12/22/22 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*129*		*37 - 153*	*12/22/22 08:04*	*12/22/22 19:41*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-109628-1

Client Sample ID: MW-10D
Date Collected: 12/15/22 14:15
Date Received: 12/16/22 17:02

Lab Sample ID: 410-109628-4
Matrix: Groundwater

Method: SW846 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			12/28/22 19:54	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/28/22 19:54	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/28/22 19:54	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/28/22 19:54	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/28/22 19:54	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/28/22 19:54	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 19:54	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/28/22 19:54	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/28/22 19:54	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			12/28/22 19:54	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 19:54	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 19:54	1
2-Butanone	<10		10		ug/L			12/28/22 19:54	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			12/28/22 19:54	1
Acetone	<20		20		ug/L			12/28/22 19:54	1
Acrolein	<100	cn	100		ug/L			12/28/22 19:54	1
Acrylonitrile	<20	cn	20		ug/L			12/28/22 19:54	1
Benzene	<1.0		1.0		ug/L			12/28/22 19:54	1
Bromodichloromethane	<1.0		1.0		ug/L			12/28/22 19:54	1
Bromoform	<4.0		4.0		ug/L			12/28/22 19:54	1
Bromomethane	<1.0		1.0		ug/L			12/28/22 19:54	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/28/22 19:54	1
Chlorobenzene	<1.0		1.0		ug/L			12/28/22 19:54	1
Chloroethane	<1.0		1.0		ug/L			12/28/22 19:54	1
Chloroform	<1.0		1.0		ug/L			12/28/22 19:54	1
Chloromethane	<2.0		2.0		ug/L			12/28/22 19:54	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/28/22 19:54	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/28/22 19:54	1
Dibromochloromethane	<1.0		1.0		ug/L			12/28/22 19:54	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/28/22 19:54	1
Ethanol	<750		750		ug/L			12/28/22 19:54	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/28/22 19:54	1
Ethylbenzene	<1.0		1.0		ug/L			12/28/22 19:54	1
Isopropylbenzene	<5.0		5.0		ug/L			12/28/22 19:54	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			12/28/22 19:54	1
Methylene Chloride	<1.0		1.0		ug/L			12/28/22 19:54	1
Naphthalene	<5.0		5.0		ug/L			12/28/22 19:54	1
n-Butylbenzene	<5.0		5.0		ug/L			12/28/22 19:54	1
N-Propylbenzene	<5.0		5.0		ug/L			12/28/22 19:54	1
p-Isopropyltoluene	<5.0		5.0		ug/L			12/28/22 19:54	1
sec-Butylbenzene	<5.0		5.0		ug/L			12/28/22 19:54	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/28/22 19:54	1
t-Butyl alcohol	<50	cn	50		ug/L			12/28/22 19:54	1
Tetrachloroethene	<1.0		1.0		ug/L			12/28/22 19:54	1
Toluene	<1.0		1.0		ug/L			12/28/22 19:54	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/28/22 19:54	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/28/22 19:54	1
Trichloroethene	<1.0		1.0		ug/L			12/28/22 19:54	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/28/22 19:54	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-109628-1

Client Sample ID: MW-10D
Date Collected: 12/15/22 14:15
Date Received: 12/16/22 17:02

Lab Sample ID: 410-109628-4
Matrix: Groundwater

Method: SW846 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			12/28/22 19:54	1
Xylenes, Total	<1.0		1.0		ug/L			12/28/22 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*12/28/22 19:54*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*12/28/22 19:54*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*12/28/22 19:54*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/28/22 19:54*	*1*

Method: SW846 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		12/22/22 08:04	12/22/22 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*128*		*37 - 153*	*12/22/22 08:04*	*12/22/22 20:05*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-109628-1

Client Sample ID: MW-14
Date Collected: 12/15/22 11:00
Date Received: 12/16/22 17:02

Lab Sample ID: 410-109628-5
Matrix: Groundwater

Method: SW846 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			12/29/22 05:08	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/29/22 05:08	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/29/22 05:08	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/29/22 05:08	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/29/22 05:08	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/29/22 05:08	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/29/22 05:08	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/29/22 05:08	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/29/22 05:08	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			12/29/22 05:08	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/29/22 05:08	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/29/22 05:08	1
2-Butanone	<10		10		ug/L			12/29/22 05:08	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			12/29/22 05:08	1
Acetone	<20		20		ug/L			12/29/22 05:08	1
Acrolein	<100	cn	100		ug/L			12/29/22 05:08	1
Acrylonitrile	<20	cn	20		ug/L			12/29/22 05:08	1
Benzene	<1.0		1.0		ug/L			12/29/22 05:08	1
Bromodichloromethane	<1.0		1.0		ug/L			12/29/22 05:08	1
Bromoform	<4.0		4.0		ug/L			12/29/22 05:08	1
Bromomethane	<1.0		1.0		ug/L			12/29/22 05:08	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/29/22 05:08	1
Chlorobenzene	<1.0		1.0		ug/L			12/29/22 05:08	1
Chloroethane	<1.0		1.0		ug/L			12/29/22 05:08	1
Chloroform	<1.0		1.0		ug/L			12/29/22 05:08	1
Chloromethane	<2.0	cn	2.0		ug/L			12/29/22 05:08	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/29/22 05:08	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/29/22 05:08	1
Dibromochloromethane	<1.0		1.0		ug/L			12/29/22 05:08	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/29/22 05:08	1
Ethanol	<750		750		ug/L			12/29/22 05:08	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/29/22 05:08	1
Ethylbenzene	<1.0		1.0		ug/L			12/29/22 05:08	1
Isopropylbenzene	<5.0		5.0		ug/L			12/29/22 05:08	1
Methyl tertiary butyl ether	**1.0**		1.0		ug/L			12/29/22 05:08	1
Methylene Chloride	<1.0		1.0		ug/L			12/29/22 05:08	1
Naphthalene	<5.0		5.0		ug/L			12/29/22 05:08	1
n-Butylbenzene	<5.0		5.0		ug/L			12/29/22 05:08	1
N-Propylbenzene	<5.0		5.0		ug/L			12/29/22 05:08	1
p-Isopropyltoluene	<5.0		5.0		ug/L			12/29/22 05:08	1
sec-Butylbenzene	<5.0		5.0		ug/L			12/29/22 05:08	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/29/22 05:08	1
t-Butyl alcohol	<50	cn	50		ug/L			12/29/22 05:08	1
Tetrachloroethene	<1.0		1.0		ug/L			12/29/22 05:08	1
Toluene	<1.0		1.0		ug/L			12/29/22 05:08	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/29/22 05:08	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/29/22 05:08	1
Trichloroethene	<1.0		1.0		ug/L			12/29/22 05:08	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/29/22 05:08	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-109628-1

Client Sample ID: MW-14
Date Collected: 12/15/22 11:00
Date Received: 12/16/22 17:02

Lab Sample ID: 410-109628-5
Matrix: Groundwater

Method: SW846 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			12/29/22 05:08	1
Xylenes, Total	<1.0		1.0		ug/L			12/29/22 05:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*12/29/22 05:08*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*12/29/22 05:08*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*12/29/22 05:08*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/29/22 05:08*	*1*

Method: SW846 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		12/22/22 08:04	12/22/22 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*132*		*37 - 153*	*12/22/22 08:04*	*12/22/22 20:29*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-109628-1

Client Sample ID: TF-1
Date Collected: 12/15/22 12:50
Date Received: 12/16/22 17:02

Lab Sample ID: 410-109628-6
Matrix: Groundwater

Method: SW846 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			12/29/22 05:30	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/29/22 05:30	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/29/22 05:30	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/29/22 05:30	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/29/22 05:30	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/29/22 05:30	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/29/22 05:30	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/29/22 05:30	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/29/22 05:30	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			12/29/22 05:30	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/29/22 05:30	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/29/22 05:30	1
2-Butanone	<10		10		ug/L			12/29/22 05:30	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			12/29/22 05:30	1
Acetone	<20		20		ug/L			12/29/22 05:30	1
Acrolein	<100	cn	100		ug/L			12/29/22 05:30	1
Acrylonitrile	<20	cn	20		ug/L			12/29/22 05:30	1
Benzene	<1.0		1.0		ug/L			12/29/22 05:30	1
Bromodichloromethane	<1.0		1.0		ug/L			12/29/22 05:30	1
Bromoform	<4.0		4.0		ug/L			12/29/22 05:30	1
Bromomethane	<1.0		1.0		ug/L			12/29/22 05:30	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/29/22 05:30	1
Chlorobenzene	<1.0		1.0		ug/L			12/29/22 05:30	1
Chloroethane	<1.0		1.0		ug/L			12/29/22 05:30	1
Chloroform	<1.0		1.0		ug/L			12/29/22 05:30	1
Chloromethane	<2.0	cn	2.0		ug/L			12/29/22 05:30	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/29/22 05:30	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/29/22 05:30	1
Dibromochloromethane	<1.0		1.0		ug/L			12/29/22 05:30	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/29/22 05:30	1
Ethanol	<750		750		ug/L			12/29/22 05:30	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/29/22 05:30	1
Ethylbenzene	<1.0		1.0		ug/L			12/29/22 05:30	1
Isopropylbenzene	<5.0		5.0		ug/L			12/29/22 05:30	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			12/29/22 05:30	1
Methylene Chloride	<1.0		1.0		ug/L			12/29/22 05:30	1
Naphthalene	<5.0		5.0		ug/L			12/29/22 05:30	1
n-Butylbenzene	<5.0		5.0		ug/L			12/29/22 05:30	1
N-Propylbenzene	<5.0		5.0		ug/L			12/29/22 05:30	1
p-Isopropyltoluene	<5.0		5.0		ug/L			12/29/22 05:30	1
sec-Butylbenzene	<5.0		5.0		ug/L			12/29/22 05:30	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/29/22 05:30	1
t-Butyl alcohol	<50	cn	50		ug/L			12/29/22 05:30	1
Tetrachloroethene	<1.0		1.0		ug/L			12/29/22 05:30	1
Toluene	<1.0		1.0		ug/L			12/29/22 05:30	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/29/22 05:30	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/29/22 05:30	1
Trichloroethene	<1.0		1.0		ug/L			12/29/22 05:30	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/29/22 05:30	1

Client: Kleinfelder Inc
Job ID: 410-109628-1
Project/Site: Southside Oil 20025

Client Sample ID: TF-1
Lab Sample ID: 410-109628-6
Date Collected: 12/15/22 12:50
Matrix: Groundwater
Date Received: 12/16/22 17:02

Method: SW846 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			12/29/22 05:30	1
Xylenes, Total	<1.0		1.0		ug/L			12/29/22 05:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*12/29/22 05:30*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*12/29/22 05:30*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*12/29/22 05:30*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/29/22 05:30*	*1*

Method: SW846 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		12/22/22 08:04	12/22/22 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*132*		*37 - 153*	*12/22/22 08:04*	*12/22/22 20:53*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-109628-1

Client Sample ID: TF-2
Date Collected: 12/15/22 13:15
Date Received: 12/16/22 17:02

Lab Sample ID: 410-109628-7
Matrix: Groundwater

Method: SW846 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			12/29/22 17:47	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/29/22 17:47	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/29/22 17:47	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/29/22 17:47	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/29/22 17:47	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/29/22 17:47	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/29/22 17:47	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/29/22 17:47	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/29/22 17:47	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			12/29/22 17:47	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/29/22 17:47	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/29/22 17:47	1
2-Butanone	<10		10		ug/L			12/29/22 17:47	1
2-Chloroethyl vinyl ether	<10		10		ug/L			12/29/22 17:47	1
Acetone	<20		20		ug/L			12/29/22 17:47	1
Acrolein	<100		100		ug/L			12/29/22 17:47	1
Acrylonitrile	<20		20		ug/L			12/29/22 17:47	1
Benzene	<1.0		1.0		ug/L			12/29/22 17:47	1
Bromodichloromethane	<1.0		1.0		ug/L			12/29/22 17:47	1
Bromoform	<4.0		4.0		ug/L			12/29/22 17:47	1
Bromomethane	<1.0		1.0		ug/L			12/29/22 17:47	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/29/22 17:47	1
Chlorobenzene	<1.0		1.0		ug/L			12/29/22 17:47	1
Chloroethane	<1.0		1.0		ug/L			12/29/22 17:47	1
Chloroform	<1.0		1.0		ug/L			12/29/22 17:47	1
Chloromethane	<2.0		2.0		ug/L			12/29/22 17:47	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/29/22 17:47	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/29/22 17:47	1
Dibromochloromethane	<1.0		1.0		ug/L			12/29/22 17:47	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/29/22 17:47	1
Ethanol	<750		750		ug/L			12/29/22 17:47	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/29/22 17:47	1
Ethylbenzene	<1.0		1.0		ug/L			12/29/22 17:47	1
Isopropylbenzene	<5.0		5.0		ug/L			12/29/22 17:47	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			12/29/22 17:47	1
Methylene Chloride	<1.0		1.0		ug/L			12/29/22 17:47	1
Naphthalene	<5.0		5.0		ug/L			12/29/22 17:47	1
n-Butylbenzene	<5.0		5.0		ug/L			12/29/22 17:47	1
N-Propylbenzene	<5.0		5.0		ug/L			12/29/22 17:47	1
p-Isopropyltoluene	<5.0		5.0		ug/L			12/29/22 17:47	1
sec-Butylbenzene	<5.0		5.0		ug/L			12/29/22 17:47	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/29/22 17:47	1
t-Butyl alcohol	<50	cn	50		ug/L			12/29/22 17:47	1
Tetrachloroethene	<1.0		1.0		ug/L			12/29/22 17:47	1
Toluene	<1.0		1.0		ug/L			12/29/22 17:47	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/29/22 17:47	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/29/22 17:47	1
Trichloroethene	<1.0		1.0		ug/L			12/29/22 17:47	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/29/22 17:47	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-109628-1

Client Sample ID: TF-2
Date Collected: 12/15/22 13:15
Date Received: 12/16/22 17:02

Lab Sample ID: 410-109628-7
Matrix: Groundwater

Method: SW846 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			12/29/22 17:47	1
Xylenes, Total	<1.0		1.0		ug/L			12/29/22 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 120*		*12/29/22 17:47*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*12/29/22 17:47*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*12/29/22 17:47*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/29/22 17:47*	*1*

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28) (1C)	**0.19**		0.11		mg/L		12/22/22 08:04	12/22/22 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*136*		*37 - 153*	*12/22/22 08:04*	*12/22/22 21:17*	*1*

Surrogate Summary

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-109628-1

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)
410-109628-1	MW-4	104	93	106	99
410-109628-2	MW-5	104	95	109	99
410-109628-3	MW-6	104	94	105	100
410-109628-4	MW-10D	104	93	108	98
410-109628-5	MW-14	101	94	105	100
410-109628-6	TF-1	102	93	106	99
410-109628-7	TF-2	107	94	107	99

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 410-330688/4	Lab Control Sample	102	95	103	101
LCS 410-330984/5	Lab Control Sample	104	97	105	99
LCS 410-331095/4	Lab Control Sample	104	97	104	99
LCSD 410-330984/6	Lab Control Sample Dup	100	95	103	100
MB 410-330688/6	Method Blank	104	92	107	101
MB 410-330984/8	Method Blank	102	95	106	98
MB 410-331095/6	Method Blank	105	95	104	99

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)
410-109628-1	MW-4	129
410-109628-2	MW-5	133
410-109628-3	MW-6	129
410-109628-4	MW-10D	128
410-109628-5	MW-14	132
410-109628-6	TF-1	132
410-109628-7	TF-2	136

Surrogate Legend

OTP = o- terphenyl (Surr)

Surrogate Summary

Client: Kleinfelder Inc
Job ID: 410-109628-1
Project/Site: Southside Oil 20025

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 410-329714/2-A	Lab Control Sample	133								
LCSD 410-329714/3-A	Lab Control Sample Dup	135								
MB 410-329714/1-A	Method Blank	139								

Surrogate Legend

OTP = o- terphenyl (Surr)

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

Lab Sample ID: MB 410-330688/6
Matrix: Water
Analysis Batch: 330688

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			12/28/22 11:01	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/28/22 11:01	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/28/22 11:01	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/28/22 11:01	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/28/22 11:01	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/28/22 11:01	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 11:01	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/28/22 11:01	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/28/22 11:01	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			12/28/22 11:01	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 11:01	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 11:01	1
2-Butanone	<10		10		ug/L			12/28/22 11:01	1
2-Chloroethyl vinyl ether	<10		10		ug/L			12/28/22 11:01	1
Acetone	<20		20		ug/L			12/28/22 11:01	1
Acrolein	<100		100		ug/L			12/28/22 11:01	1
Acrylonitrile	<20		20		ug/L			12/28/22 11:01	1
Benzene	<1.0		1.0		ug/L			12/28/22 11:01	1
Bromodichloromethane	<1.0		1.0		ug/L			12/28/22 11:01	1
Bromoform	<4.0		4.0		ug/L			12/28/22 11:01	1
Bromomethane	<1.0		1.0		ug/L			12/28/22 11:01	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/28/22 11:01	1
Chlorobenzene	<1.0		1.0		ug/L			12/28/22 11:01	1
Chloroethane	<1.0		1.0		ug/L			12/28/22 11:01	1
Chloroform	<1.0		1.0		ug/L			12/28/22 11:01	1
Chloromethane	<2.0		2.0		ug/L			12/28/22 11:01	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/28/22 11:01	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/28/22 11:01	1
Dibromochloromethane	<1.0		1.0		ug/L			12/28/22 11:01	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/28/22 11:01	1
Ethanol	<750		750		ug/L			12/28/22 11:01	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/28/22 11:01	1
Ethylbenzene	<1.0		1.0		ug/L			12/28/22 11:01	1
Isopropylbenzene	<5.0		5.0		ug/L			12/28/22 11:01	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			12/28/22 11:01	1
Methylene Chloride	<1.0		1.0		ug/L			12/28/22 11:01	1
Naphthalene	<5.0		5.0		ug/L			12/28/22 11:01	1
n-Butylbenzene	<5.0		5.0		ug/L			12/28/22 11:01	1
N-Propylbenzene	<5.0		5.0		ug/L			12/28/22 11:01	1
p-Isopropyltoluene	<5.0		5.0		ug/L			12/28/22 11:01	1
sec-Butylbenzene	<5.0		5.0		ug/L			12/28/22 11:01	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/28/22 11:01	1
t-Butyl alcohol	<50		50		ug/L			12/28/22 11:01	1
Tetrachloroethene	<1.0		1.0		ug/L			12/28/22 11:01	1
Toluene	<1.0		1.0		ug/L			12/28/22 11:01	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/28/22 11:01	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/28/22 11:01	1
Trichloroethene	<1.0		1.0		ug/L			12/28/22 11:01	1

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

Lab Sample ID: MB 410-330688/6
Matrix: Water
Analysis Batch: 330688

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			12/28/22 11:01	1
Vinyl chloride	<1.0		1.0		ug/L			12/28/22 11:01	1
Xylenes, Total	<1.0		1.0		ug/L			12/28/22 11:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*12/28/22 11:01*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*12/28/22 11:01*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*12/28/22 11:01*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/28/22 11:01*	*1*

Lab Sample ID: LCS 410-330688/4
Matrix: Water
Analysis Batch: 330688

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	18.7		ug/L		94	67 - 126
1,1,2,2-Tetrachloroethane	20.0	19.0		ug/L		95	72 - 120
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	80 - 120
1,1-Dichloroethane	20.0	20.2		ug/L		101	80 - 120
1,1-Dichloroethene	20.0	19.0		ug/L		95	80 - 131
1,2,4-Trimethylbenzene	20.0	18.9		ug/L		94	75 - 120
1,2-Dichlorobenzene	20.0	19.7		ug/L		99	80 - 120
1,2-Dichloroethane	20.0	19.2		ug/L		96	73 - 124
1,2-Dichloropropane	20.0	19.9		ug/L		99	80 - 120
1,3,5-Trichlorobenzene	20.0	20.2		ug/L		101	66 - 123
1,3-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 120
1,4-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120
2-Butanone	250	249		ug/L		99	59 - 135
2-Chloroethyl vinyl ether	20.0	17.4		ug/L		87	49 - 124
Acetone	250	226		ug/L		90	54 - 157
Acrolein	150	139		ug/L		92	47 - 136
Acrylonitrile	100	100		ug/L		100	60 - 129
Benzene	20.0	20.6		ug/L		103	80 - 120
Bromodichloromethane	20.0	18.7		ug/L		93	71 - 120
Bromoform	20.0	17.4		ug/L		87	51 - 120
Bromomethane	20.0	18.3		ug/L		91	53 - 128
Carbon tetrachloride	20.0	18.5		ug/L		93	64 - 134
Chlorobenzene	20.0	19.5		ug/L		98	80 - 120
Chloroethane	20.0	18.0		ug/L		90	55 - 123
Chloroform	20.0	20.0		ug/L		100	80 - 120
Chloromethane	20.0	14.8		ug/L		74	56 - 121
cis-1,2-Dichloroethene	20.0	21.1		ug/L		106	80 - 125
cis-1,3-Dichloropropene	20.0	18.2		ug/L		91	75 - 120
Dibromochloromethane	20.0	18.9		ug/L		95	71 - 120
di-Isopropyl ether	20.0	18.7		ug/L		94	70 - 124
Ethanol	1000	889		ug/L		89	31 - 180
Ethyl t-butyl ether	20.0	18.4		ug/L		92	68 - 121
Ethylbenzene	20.0	19.4		ug/L		97	80 - 120

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

Lab Sample ID: LCS 410-330688/4
Matrix: Water
Analysis Batch: 330688

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	18.5		ug/L		92	69 - 122
Methylene Chloride	20.0	20.9		ug/L		105	80 - 120
Naphthalene	20.0	19.6		ug/L		98	53 - 124
n-Butylbenzene	20.0	18.8		ug/L		94	76 - 120
N-Propylbenzene	20.0	19.3		ug/L		96	79 - 121
p-Isopropyltoluene	20.0	18.9		ug/L		94	76 - 120
sec-Butylbenzene	20.0	18.8		ug/L		94	77 - 120
t-Amyl methyl ether	20.0	19.1		ug/L		96	66 - 120
t-Butyl alcohol	200	176		ug/L		88	60 - 130
Tetrachloroethene	20.0	19.7		ug/L		98	80 - 120
Toluene	20.0	19.9		ug/L		100	80 - 120
trans-1,2-Dichloroethene	20.0	20.3		ug/L		101	80 - 126
trans-1,3-Dichloropropene	20.0	18.2		ug/L		91	67 - 120
Trichloroethene	20.0	19.5		ug/L		98	80 - 120
Trichlorofluoromethane	20.0	13.3		ug/L		67	55 - 135
Vinyl chloride	20.0	14.9		ug/L		75	56 - 120
Xylenes, Total	60.0	58.1		ug/L		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 410-330984/8
Matrix: Water
Analysis Batch: 330984

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			12/28/22 22:47	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/28/22 22:47	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/28/22 22:47	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/28/22 22:47	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/28/22 22:47	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/28/22 22:47	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 22:47	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/28/22 22:47	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/28/22 22:47	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			12/28/22 22:47	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 22:47	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/28/22 22:47	1
2-Butanone	<10		10		ug/L			12/28/22 22:47	1
2-Chloroethyl vinyl ether	<10		10		ug/L			12/28/22 22:47	1
Acetone	<20		20		ug/L			12/28/22 22:47	1
Acrolein	<100		100		ug/L			12/28/22 22:47	1
Acrylonitrile	<20		20		ug/L			12/28/22 22:47	1
Benzene	<1.0		1.0		ug/L			12/28/22 22:47	1

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

Lab Sample ID: MB 410-330984/8
Matrix: Water
Analysis Batch: 330984

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	<1.0		1.0		ug/L			12/28/22 22:47	1
Bromoform	<4.0		4.0		ug/L			12/28/22 22:47	1
Bromomethane	<1.0		1.0		ug/L			12/28/22 22:47	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/28/22 22:47	1
Chlorobenzene	<1.0		1.0		ug/L			12/28/22 22:47	1
Chloroethane	<1.0		1.0		ug/L			12/28/22 22:47	1
Chloroform	<1.0		1.0		ug/L			12/28/22 22:47	1
Chloromethane	<2.0		2.0		ug/L			12/28/22 22:47	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/28/22 22:47	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/28/22 22:47	1
Dibromochloromethane	<1.0		1.0		ug/L			12/28/22 22:47	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/28/22 22:47	1
Ethanol	<750		750		ug/L			12/28/22 22:47	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/28/22 22:47	1
Ethylbenzene	<1.0		1.0		ug/L			12/28/22 22:47	1
Isopropylbenzene	<5.0		5.0		ug/L			12/28/22 22:47	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			12/28/22 22:47	1
Methylene Chloride	<1.0		1.0		ug/L			12/28/22 22:47	1
Naphthalene	<5.0		5.0		ug/L			12/28/22 22:47	1
n-Butylbenzene	<5.0		5.0		ug/L			12/28/22 22:47	1
N-Propylbenzene	<5.0		5.0		ug/L			12/28/22 22:47	1
p-Isopropyltoluene	<5.0		5.0		ug/L			12/28/22 22:47	1
sec-Butylbenzene	<5.0		5.0		ug/L			12/28/22 22:47	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/28/22 22:47	1
t-Butyl alcohol	<50		50		ug/L			12/28/22 22:47	1
Tetrachloroethene	<1.0		1.0		ug/L			12/28/22 22:47	1
Toluene	<1.0		1.0		ug/L			12/28/22 22:47	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/28/22 22:47	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/28/22 22:47	1
Trichloroethene	<1.0		1.0		ug/L			12/28/22 22:47	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/28/22 22:47	1
Vinyl chloride	<1.0		1.0		ug/L			12/28/22 22:47	1
Xylenes, Total	<1.0		1.0		ug/L			12/28/22 22:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*12/28/22 22:47*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*12/28/22 22:47*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*12/28/22 22:47*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/28/22 22:47*	*1*

Lab Sample ID: LCS 410-330984/5
Matrix: Water
Analysis Batch: 330984

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	18.0		ug/L		90	72 - 120		
1,1,2-Trichloroethane			20.0	18.2		ug/L		91	80 - 120		

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

Lab Sample ID: LCS 410-330984/5
Matrix: Water
Analysis Batch: 330984

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	20.0	18.3		ug/L		92	80 - 120
1,1-Dichloroethene	20.0	17.7		ug/L		89	80 - 131
1,2,4-Trimethylbenzene	20.0	17.4		ug/L		87	75 - 120
1,2-Dichlorobenzene	20.0	17.8		ug/L		89	80 - 120
1,2-Dichloroethane	20.0	18.3		ug/L		91	73 - 124
1,2-Dichloropropane	20.0	18.4		ug/L		92	80 - 120
1,3,5-Trichlorobenzene	20.0	18.3		ug/L		91	66 - 123
1,3-Dichlorobenzene	20.0	18.0		ug/L		90	80 - 120
1,4-Dichlorobenzene	20.0	19.0		ug/L		95	80 - 120
2-Butanone	250	251		ug/L		101	59 - 135
2-Chloroethyl vinyl ether	20.0	16.3		ug/L		81	49 - 124
Acetone	250	219		ug/L		88	54 - 157
Acrolein	150	140		ug/L		93	47 - 136
Acrylonitrile	100	96.2		ug/L		96	60 - 129
Benzene	20.0	19.1		ug/L		96	80 - 120
Bromodichloromethane	20.0	18.0		ug/L		90	71 - 120
Bromoform	20.0	16.6		ug/L		83	51 - 120
Bromomethane	20.0	18.5		ug/L		93	53 - 128
Carbon tetrachloride	20.0	18.3		ug/L		91	64 - 134
Chlorobenzene	20.0	18.1		ug/L		91	80 - 120
Chloroethane	20.0	17.3		ug/L		86	55 - 123
Chloroform	20.0	18.9		ug/L		95	80 - 120
Chloromethane	20.0	14.7		ug/L		73	56 - 121
cis-1,2-Dichloroethene	20.0	19.7		ug/L		99	80 - 125
cis-1,3-Dichloropropene	20.0	17.2		ug/L		86	75 - 120
Dibromochloromethane	20.0	18.0		ug/L		90	71 - 120
di-Isopropyl ether	20.0	17.8		ug/L		89	70 - 124
Ethanol	1000	1030		ug/L		103	31 - 180
Ethyl t-butyl ether	20.0	17.5		ug/L		87	68 - 121
Ethylbenzene	20.0	18.3		ug/L		91	80 - 120
Isopropylbenzene	20.0	18.3		ug/L		92	80 - 120
Methyl tertiary butyl ether	20.0	17.5		ug/L		88	69 - 122
Methylene Chloride	20.0	19.2		ug/L		96	80 - 120
Naphthalene	20.0	17.5		ug/L		88	53 - 124
n-Butylbenzene	20.0	17.5		ug/L		87	76 - 120
N-Propylbenzene	20.0	18.3		ug/L		92	79 - 121
p-Isopropyltoluene	20.0	17.7		ug/L		89	76 - 120
sec-Butylbenzene	20.0	17.8		ug/L		89	77 - 120
t-Amyl methyl ether	20.0	18.4		ug/L		92	66 - 120
t-Butyl alcohol	200	141		ug/L		70	60 - 130
Tetrachloroethene	20.0	18.3		ug/L		92	80 - 120
Toluene	20.0	18.4		ug/L		92	80 - 120
trans-1,2-Dichloroethene	20.0	18.6		ug/L		93	80 - 126
trans-1,3-Dichloropropene	20.0	16.8		ug/L		84	67 - 120
Trichloroethene	20.0	18.5		ug/L		93	80 - 120
Trichlorofluoromethane	20.0	15.2		ug/L		76	55 - 135
Vinyl chloride	20.0	14.9		ug/L		75	56 - 120
Xylenes, Total	60.0	54.6		ug/L		91	80 - 120

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

Lab Sample ID: LCS 410-330984/5
Matrix: Water
Analysis Batch: 330984

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		80 - 120
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	105		80 - 120
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: LCSD 410-330984/6
Matrix: Water
Analysis Batch: 330984

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	17.7		ug/L		89	67 - 126	1	30
1,1,2,2-Tetrachloroethane			20.0	18.5		ug/L		93	72 - 120	3	30
1,1,2-Trichloroethane			20.0	18.7		ug/L		94	80 - 120	3	30
1,1-Dichloroethane			20.0	18.5		ug/L		93	80 - 120	1	30
1,1-Dichloroethene			20.0	17.7		ug/L		88	80 - 131	0	30
1,2,4-Trimethylbenzene			20.0	17.7		ug/L		89	75 - 120	2	30
1,2-Dichlorobenzene			20.0	18.6		ug/L		93	80 - 120	4	30
1,2-Dichloroethane			20.0	18.3		ug/L		91	73 - 124	0	30
1,2-Dichloropropane			20.0	18.6		ug/L		93	80 - 120	1	30
1,3,5-Trichlorobenzene			20.0	18.5		ug/L		92	66 - 123	1	30
1,3-Dichlorobenzene			20.0	18.3		ug/L		92	80 - 120	2	30
1,4-Dichlorobenzene			20.0	19.5		ug/L		97	80 - 120	2	30
2-Butanone			250	251		ug/L		100	59 - 135	0	30
2-Chloroethyl vinyl ether			20.0	16.5		ug/L		83	49 - 124	1	30
Acetone			250	219		ug/L		88	54 - 157	0	30
Acrolein			150	145		ug/L		97	47 - 136	4	30
Acrylonitrile			100	99.4		ug/L		99	60 - 129	3	30
Benzene			20.0	19.0		ug/L		95	80 - 120	1	30
Bromodichloromethane			20.0	17.7		ug/L		89	71 - 120	2	30
Bromoform			20.0	16.3		ug/L		82	51 - 120	2	30
Bromomethane			20.0	17.3		ug/L		87	53 - 128	7	30
Carbon tetrachloride			20.0	17.8		ug/L		89	64 - 134	2	30
Chlorobenzene			20.0	18.6		ug/L		93	80 - 120	3	30
Chloroethane			20.0	17.2		ug/L		86	55 - 123	1	30
Chloroform			20.0	18.8		ug/L		94	80 - 120	0	30
Chloromethane			20.0	14.7		ug/L		74	56 - 121	0	30
cis-1,2-Dichloroethene			20.0	19.7		ug/L		99	80 - 125	0	30
cis-1,3-Dichloropropene			20.0	17.1		ug/L		86	75 - 120	1	30
Dibromochloromethane			20.0	17.9		ug/L		90	71 - 120	1	30
di-Isopropyl ether			20.0	17.9		ug/L		89	70 - 124	1	30
Ethanol			1000	902		ug/L		90	31 - 180	13	30
Ethyl t-butyl ether			20.0	17.5		ug/L		88	68 - 121	0	30
Ethylbenzene			20.0	18.4		ug/L		92	80 - 120	1	30
Isopropylbenzene			20.0	18.4		ug/L		92	80 - 120	1	30
Methyl tertiary butyl ether			20.0	17.7		ug/L		89	69 - 122	1	30
Methylene Chloride			20.0	18.6		ug/L		93	80 - 120	4	30
Naphthalene			20.0	17.9		ug/L		90	53 - 124	2	30
n-Butylbenzene			20.0	18.0		ug/L		90	76 - 120	3	30

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

Lab Sample ID: LCSD 410-330984/6
Matrix: Water
Analysis Batch: 330984

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
N-Propylbenzene			20.0	18.8		ug/L		94	79 - 121	2	30
p-Isopropyltoluene			20.0	18.2		ug/L		91	76 - 120	3	30
sec-Butylbenzene			20.0	18.3		ug/L		91	77 - 120	3	30
t-Amyl methyl ether			20.0	18.4		ug/L		92	66 - 120	0	30
t-Butyl alcohol			200	144		ug/L		72	60 - 130	2	30
Tetrachloroethene			20.0	18.7		ug/L		94	80 - 120	2	30
Toluene			20.0	18.8		ug/L		94	80 - 120	2	30
trans-1,2-Dichloroethene			20.0	19.0		ug/L		95	80 - 126	2	30
trans-1,3-Dichloropropene			20.0	17.1		ug/L		85	67 - 120	2	30
Trichloroethene			20.0	18.6		ug/L		93	80 - 120	1	30
Trichlorofluoromethane			20.0	14.3		ug/L		72	55 - 135	6	30
Vinyl chloride			20.0	15.2		ug/L		76	56 - 120	2	30
Xylenes, Total			60.0	55.4		ug/L		92	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 410-331095/6
Matrix: Water
Analysis Batch: 331095

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			12/29/22 11:07	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/29/22 11:07	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/29/22 11:07	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/29/22 11:07	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/29/22 11:07	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/29/22 11:07	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/29/22 11:07	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/29/22 11:07	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/29/22 11:07	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			12/29/22 11:07	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/29/22 11:07	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/29/22 11:07	1
2-Butanone	<10		10		ug/L			12/29/22 11:07	1
2-Chloroethyl vinyl ether	<10		10		ug/L			12/29/22 11:07	1
Acetone	<20		20		ug/L			12/29/22 11:07	1
Acrolein	<100		100		ug/L			12/29/22 11:07	1
Acrylonitrile	<20		20		ug/L			12/29/22 11:07	1
Benzene	<1.0		1.0		ug/L			12/29/22 11:07	1
Bromodichloromethane	<1.0		1.0		ug/L			12/29/22 11:07	1
Bromoform	<4.0		4.0		ug/L			12/29/22 11:07	1
Bromomethane	<1.0		1.0		ug/L			12/29/22 11:07	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/29/22 11:07	1
Chlorobenzene	<1.0		1.0		ug/L			12/29/22 11:07	1

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

Lab Sample ID: MB 410-331095/6
Matrix: Water
Analysis Batch: 331095

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	<1.0		1.0		ug/L			12/29/22 11:07	1
Chloroform	<1.0		1.0		ug/L			12/29/22 11:07	1
Chloromethane	<2.0		2.0		ug/L			12/29/22 11:07	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/29/22 11:07	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/29/22 11:07	1
Dibromochloromethane	<1.0		1.0		ug/L			12/29/22 11:07	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/29/22 11:07	1
Ethanol	<750		750		ug/L			12/29/22 11:07	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/29/22 11:07	1
Ethylbenzene	<1.0		1.0		ug/L			12/29/22 11:07	1
Isopropylbenzene	<5.0		5.0		ug/L			12/29/22 11:07	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			12/29/22 11:07	1
Methylene Chloride	<1.0		1.0		ug/L			12/29/22 11:07	1
Naphthalene	<5.0		5.0		ug/L			12/29/22 11:07	1
n-Butylbenzene	<5.0		5.0		ug/L			12/29/22 11:07	1
N-Propylbenzene	<5.0		5.0		ug/L			12/29/22 11:07	1
p-Isopropyltoluene	<5.0		5.0		ug/L			12/29/22 11:07	1
sec-Butylbenzene	<5.0		5.0		ug/L			12/29/22 11:07	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/29/22 11:07	1
t-Butyl alcohol	<50		50		ug/L			12/29/22 11:07	1
Tetrachloroethene	<1.0		1.0		ug/L			12/29/22 11:07	1
Toluene	<1.0		1.0		ug/L			12/29/22 11:07	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/29/22 11:07	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/29/22 11:07	1
Trichloroethene	<1.0		1.0		ug/L			12/29/22 11:07	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/29/22 11:07	1
Vinyl chloride	<1.0		1.0		ug/L			12/29/22 11:07	1
Xylenes, Total	<1.0		1.0		ug/L			12/29/22 11:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*12/29/22 11:07*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*12/29/22 11:07*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*12/29/22 11:07*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/29/22 11:07*	*1*

Lab Sample ID: LCS 410-331095/4
Matrix: Water
Analysis Batch: 331095

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	18.8		ug/L		94	67 - 126		
1,1,2,2-Tetrachloroethane			20.0	19.4		ug/L		97	72 - 120		
1,1,2-Trichloroethane			20.0	19.9		ug/L		100	80 - 120		
1,1-Dichloroethane			20.0	19.6		ug/L		98	80 - 120		
1,1-Dichloroethene			20.0	19.1		ug/L		96	80 - 131		
1,2,4-Trimethylbenzene			20.0	18.8		ug/L		94	75 - 120		
1,2-Dichlorobenzene			20.0	19.4		ug/L		97	80 - 120		
1,2-Dichloroethane			20.0	19.4		ug/L		97	73 - 124		

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

Lab Sample ID: LCS 410-331095/4
Matrix: Water
Analysis Batch: 331095

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	20.0	19.6		ug/L		98	80 - 120
1,3,5-Trichlorobenzene	20.0	19.6		ug/L		98	66 - 123
1,3-Dichlorobenzene	20.0	19.1		ug/L		95	80 - 120
1,4-Dichlorobenzene	20.0	20.4		ug/L		102	80 - 120
2-Butanone	250	268		ug/L		107	59 - 135
2-Chloroethyl vinyl ether	20.0	18.2		ug/L		91	49 - 124
Acetone	250	218		ug/L		87	54 - 157
Acrolein	150	144		ug/L		96	47 - 136
Acrylonitrile	100	104		ug/L		104	60 - 129
Benzene	20.0	20.2		ug/L		101	80 - 120
Bromodichloromethane	20.0	18.7		ug/L		93	71 - 120
Bromoform	20.0	18.0		ug/L		90	51 - 120
Bromomethane	20.0	18.4		ug/L		92	53 - 128
Carbon tetrachloride	20.0	19.2		ug/L		96	64 - 134
Chlorobenzene	20.0	19.3		ug/L		97	80 - 120
Chloroethane	20.0	18.3		ug/L		92	55 - 123
Chloroform	20.0	19.9		ug/L		100	80 - 120
Chloromethane	20.0	14.9		ug/L		75	56 - 121
cis-1,2-Dichloroethene	20.0	21.1		ug/L		106	80 - 125
cis-1,3-Dichloropropene	20.0	18.0		ug/L		90	75 - 120
Dibromochloromethane	20.0	19.4		ug/L		97	71 - 120
di-Isopropyl ether	20.0	18.8		ug/L		94	70 - 124
Ethanol	1000	994		ug/L		99	31 - 180
Ethyl t-butyl ether	20.0	18.7		ug/L		94	68 - 121
Ethylbenzene	20.0	19.2		ug/L		96	80 - 120
Isopropylbenzene	20.0	19.4		ug/L		97	80 - 120
Methyl tertiary butyl ether	20.0	18.7		ug/L		94	69 - 122
Methylene Chloride	20.0	20.0		ug/L		100	80 - 120
Naphthalene	20.0	18.8		ug/L		94	53 - 124
n-Butylbenzene	20.0	19.0		ug/L		95	76 - 120
N-Propylbenzene	20.0	19.6		ug/L		98	79 - 121
p-Isopropyltoluene	20.0	19.3		ug/L		97	76 - 120
sec-Butylbenzene	20.0	19.2		ug/L		96	77 - 120
t-Amyl methyl ether	20.0	19.6		ug/L		98	66 - 120
t-Butyl alcohol	200	148		ug/L		74	60 - 130
Tetrachloroethene	20.0	19.6		ug/L		98	80 - 120
Toluene	20.0	19.5		ug/L		97	80 - 120
trans-1,2-Dichloroethene	20.0	19.5		ug/L		98	80 - 126
trans-1,3-Dichloropropene	20.0	18.3		ug/L		92	67 - 120
Trichloroethene	20.0	19.3		ug/L		97	80 - 120
Trichlorofluoromethane	20.0	16.1		ug/L		80	55 - 135
Vinyl chloride	20.0	15.5		ug/L		78	56 - 120
Xylenes, Total	60.0	57.4		ug/L		96	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*80 - 120*

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

Lab Sample ID: LCS 410-331095/4
Matrix: Water
Analysis Batch: 331095

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120

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

Lab Sample ID: MB 410-329714/1-A
Matrix: Water
Analysis Batch: 329948

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 329714

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28) (1C)	<0.11		0.11		mg/L		12/22/22 08:04	12/22/22 17:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o- terphenyl (Surr) (1C)	139		37 - 153	12/22/22 08:04	12/22/22 17:42	1

Lab Sample ID: LCS 410-329714/2-A
Matrix: Water
Analysis Batch: 329948

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 329714

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
DRO (C10-C28) (1C)			2.68	2.72		mg/L		102	78 - 133		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o- terphenyl (Surr) (1C)	133		37 - 153

Lab Sample ID: LCSD 410-329714/3-A
Matrix: Water
Analysis Batch: 329948

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 329714

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
DRO (C10-C28) (1C)			2.65	2.42		mg/L		91	78 - 133	12	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
o- terphenyl (Surr) (1C)	135		37 - 153

QC Association Summary

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-109628-1

GC/MS VOA

Analysis Batch: 330688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-109628-1	MW-4	Total/NA	Groundwater	8260C	
410-109628-2	MW-5	Total/NA	Groundwater	8260C	
410-109628-3	MW-6	Total/NA	Groundwater	8260C	
410-109628-4	MW-10D	Total/NA	Groundwater	8260C	
MB 410-330688/6	Method Blank	Total/NA	Water	8260C	
LCS 410-330688/4	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 330984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-109628-5	MW-14	Total/NA	Groundwater	8260C	
410-109628-6	TF-1	Total/NA	Groundwater	8260C	
MB 410-330984/8	Method Blank	Total/NA	Water	8260C	
LCS 410-330984/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 410-330984/6	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 331095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-109628-7	TF-2	Total/NA	Groundwater	8260C	
MB 410-331095/6	Method Blank	Total/NA	Water	8260C	
LCS 410-331095/4	Lab Control Sample	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 329714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-109628-1	MW-4	Total/NA	Groundwater	3511	
410-109628-2	MW-5	Total/NA	Groundwater	3511	
410-109628-3	MW-6	Total/NA	Groundwater	3511	
410-109628-4	MW-10D	Total/NA	Groundwater	3511	
410-109628-5	MW-14	Total/NA	Groundwater	3511	
410-109628-6	TF-1	Total/NA	Groundwater	3511	
410-109628-7	TF-2	Total/NA	Groundwater	3511	
MB 410-329714/1-A	Method Blank	Total/NA	Water	3511	
LCS 410-329714/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 410-329714/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 329948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-109628-1	MW-4	Total/NA	Groundwater	8015C	329714
410-109628-2	MW-5	Total/NA	Groundwater	8015C	329714
410-109628-3	MW-6	Total/NA	Groundwater	8015C	329714
410-109628-4	MW-10D	Total/NA	Groundwater	8015C	329714
410-109628-5	MW-14	Total/NA	Groundwater	8015C	329714
410-109628-6	TF-1	Total/NA	Groundwater	8015C	329714
410-109628-7	TF-2	Total/NA	Groundwater	8015C	329714
MB 410-329714/1-A	Method Blank	Total/NA	Water	8015C	329714
LCS 410-329714/2-A	Lab Control Sample	Total/NA	Water	8015C	329714
LCSD 410-329714/3-A	Lab Control Sample Dup	Total/NA	Water	8015C	329714

Client Sample ID: MW-4

Lab Sample ID: 410-109628-1

Date Collected: 12/15/22 12:20

Matrix: Groundwater

Date Received: 12/16/22 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	330688	TQ4J	ELLE	12/28/22 18:47
Total/NA	Prep	3511			329714	UMAD	ELLE	12/22/22 08:04
Total/NA	Analysis	8015C		1	329948	UHEW	ELLE	12/22/22 18:54

Client Sample ID: MW-5

Lab Sample ID: 410-109628-2

Date Collected: 12/15/22 11:45

Matrix: Groundwater

Date Received: 12/16/22 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	330688	TQ4J	ELLE	12/28/22 19:09
Total/NA	Prep	3511			329714	UMAD	ELLE	12/22/22 08:04
Total/NA	Analysis	8015C		1	329948	UHEW	ELLE	12/22/22 19:17

Client Sample ID: MW-6

Lab Sample ID: 410-109628-3

Date Collected: 12/15/22 13:45

Matrix: Groundwater

Date Received: 12/16/22 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	330688	TQ4J	ELLE	12/28/22 19:31
Total/NA	Prep	3511			329714	UMAD	ELLE	12/22/22 08:04
Total/NA	Analysis	8015C		1	329948	UHEW	ELLE	12/22/22 19:41

Client Sample ID: MW-10D

Lab Sample ID: 410-109628-4

Date Collected: 12/15/22 14:15

Matrix: Groundwater

Date Received: 12/16/22 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	330688	TQ4J	ELLE	12/28/22 19:54
Total/NA	Prep	3511			329714	UMAD	ELLE	12/22/22 08:04
Total/NA	Analysis	8015C		1	329948	UHEW	ELLE	12/22/22 20:05

Client Sample ID: MW-14

Lab Sample ID: 410-109628-5

Date Collected: 12/15/22 11:00

Matrix: Groundwater

Date Received: 12/16/22 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	330984	K4WN	ELLE	12/29/22 05:08
Total/NA	Prep	3511			329714	UMAD	ELLE	12/22/22 08:04
Total/NA	Analysis	8015C		1	329948	UHEW	ELLE	12/22/22 20:29

Client Sample ID: TF-1

Lab Sample ID: 410-109628-6

Date Collected: 12/15/22 12:50

Matrix: Groundwater

Date Received: 12/16/22 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	330984	K4WN	ELLE	12/29/22 05:30

Lab Chronicle

Client: Kleinfelder Inc
Job ID: 410-109628-1
Project/Site: Southside Oil 20025

Client Sample ID: TF-1
Lab Sample ID: 410-109628-6

Date Collected: 12/15/22 12:50
Matrix: Groundwater
Date Received: 12/16/22 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			329714	UMAD	ELLE	12/22/22 08:04
Total/NA	Analysis	8015C		1	329948	UHEW	ELLE	12/22/22 20:53

Client Sample ID: TF-2
Lab Sample ID: 410-109628-7

Date Collected: 12/15/22 13:15
Matrix: Groundwater
Date Received: 12/16/22 17:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	331095	ULCP	ELLE	12/29/22 17:47
Total/NA	Prep	3511			329714	UMAD	ELLE	12/22/22 08:04
Total/NA	Analysis	8015C		1	329948	UHEW	ELLE	12/22/22 21:17

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: 410-109628-1

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: 410-109628-1
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
Project/Site: Southside Oil 20025

Job ID: 410-109628-1

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

410-109628 Chain of Custody

Analysis Request/Environmental Services Chain of Custody

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

Client:	Southside Oil	Acct. #:	
Project Name/#:	20025 - Perryville	PWSID #:	
Project Manager:	Mark C. Steele	P.O. #:	00113847.000A/03-1000
Sampler:	Shawn Dawley	Quote #:	
Name of State where samples were collected:	Maryland		

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (Potable)	Matrix: Water (NPDES)	Matrix: Other	Total # of Containers	Analyses Requested: Full List VOC+oxy 8260	TPH-DRO 8015	Ethanol 8260	Remarks
MW-4	12.15.22	1220	X			X			5	X	X	X	
MW-5	12.15.22	1145	X			X			5	X	X	X	
MW-6	12.15.22	1345	X			X			5	X	X	X	
MW-10D	12.15.22	1415	X			X			5	X	X	X	
MW-14	12.15.22	1100	X			X			5	X	X	X	
TF-1	12.15.22	1250	X			X			5	X	X	X	
TF-2	12.15.22	1315	X			X			5	X	X	X	
TF-3	12.15.22	115	X			X			5	X	X	X	

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

Temperature of samples upon receipt (if requested): 1.2

For Lab Use Only
FSC: _____
SCR#: _____

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 triplicate volume)
Internal COC required? Yes No

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	12/15/22	1745	Cooler Room	12/16/22	1745
J. Kozak	12/16/22	11:30	[signature]	12/16/22	11:30
[signature]	12/16/22	17:02			
			[signature]	12/16/22	1702

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

4886.01

1/3/2023

Login Sample Receipt Checklist

Client: Kleinfelder Inc

Job Number: 410-109628-1

Login Number: 109628
List Number: 1
Creator: Kanagy, Nicholas

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	Received Trip Blank(s) not listed on COC.
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.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Definitions/Glossary

Client: Kleinfelder Inc
Job ID: 410-109628-1
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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mark C Steele
Kleinfelder Inc
1745 Dorsey Road
Suite J
Hanover, Maryland 21076

Generated 12/23/2022 6:18:01 AM

JOB DESCRIPTION

Southside Oil 20025

JOB NUMBER

410-108990-1

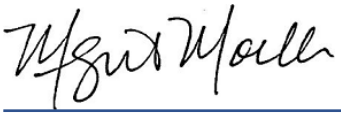
Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/23/2022 6:18:01 AM

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

Compliance Statement

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.

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.

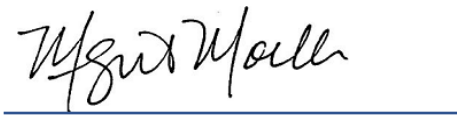


Table of Contents

Sample Summary

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-108990-1	BR-1	Groundwater	12/12/22 09:45	12/13/22 14:06
410-108990-2	MW-1	Groundwater	12/12/22 11:20	12/13/22 14:06
410-108990-3	MW-2	Groundwater	12/12/22 16:40	12/13/22 14:06
410-108990-4	MW-3	Groundwater	12/12/22 14:00	12/13/22 14:06
410-108990-5	MW-7	Groundwater	12/12/22 15:00	12/13/22 14:06
410-108990-6	MW-8	Groundwater	12/12/22 13:15	12/13/22 14:06
410-108990-7	MW-9	Groundwater	12/12/22 12:30	12/13/22 14:06
410-108990-8	MW-13	Groundwater	12/12/22 10:15	12/13/22 14:06
410-108990-9	1836 Pville Rd	Drinking Water	12/12/22 15:20	12/13/22 14:06
410-108990-11	Trip Blank	Water	12/12/22 00:00	12/13/22 14:06

Job ID: 410-108990-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative
410-108990-1

Receipt
The samples were received on 12/13/2022 2:06 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 1.6°C

Receipt Exceptions
A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).

GC/MS VOA
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: BR-1 (410-108990-1), MW-1 (410-108990-2), MW-2 (410-108990-3), MW-3 (410-108990-4), MW-7 (410-108990-5), MW-8 (410-108990-6), MW-9 (410-108990-7) and MW-13 (410-108990-8). 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) analyzed on 410-329690 is compliant under 8260C/D method criteria for N-Propylbenzene . The software does not display the % Drift data to the whole number as is listed in the method (i.e. limit of 20%). When applying the evaluation to a whole number, the check passes the criteria with a value of 20% Drift.

Method 8260C: The continuing calibration verification (CCV) associated with batch 410-329690 recovered above the upper control limit for 1,3,5-Trichlorobenzene, Acetone, Acrolein, p-Isopropyltoluene, sec-Butylbenzene and Tetrachloroethene. Non-detections of the affected analytes are reported. Any detections are considered estimated.

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: 410-108990-1

Client Sample ID: BR-1 — Lab Sample ID: 410-108990-1

No Detections.

Client Sample ID: MW-1 — Lab Sample ID: 410-108990-2

No Detections.

Client Sample ID: MW-2 — Lab Sample ID: 410-108990-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Methyl tertiary butyl ether	3.1		1.0		ug/L	1		8260C	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 410-108990-4

No Detections.

Client Sample ID: MW-7 — Lab Sample ID: 410-108990-5

No Detections.

Client Sample ID: MW-8 — Lab Sample ID: 410-108990-6

No Detections.

Client Sample ID: MW-9 — Lab Sample ID: 410-108990-7

No Detections.

Client Sample ID: MW-13 — Lab Sample ID: 410-108990-8

No Detections.

Client Sample ID: 1836 Pville Rd — Lab Sample ID: 410-108990-9

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.73		0.50		ug/L	1		524.2	Total/NA
Chloroform	4.1		0.50		ug/L	1		524.2	Total/NA
Methyl tertiary butyl ether	5.1		0.50		ug/L	1		524.2	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 410-108990-11

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: BR-1
Date Collected: 12/12/22 09:45
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-1
Matrix: Groundwater

Method: SW846 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			12/22/22 14:00	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/22/22 14:00	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/22/22 14:00	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/22/22 14:00	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/22/22 14:00	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/22/22 14:00	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 14:00	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/22/22 14:00	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/22/22 14:00	1
1,3,5-Trichlorobenzene	<5.0	cn	5.0		ug/L			12/22/22 14:00	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 14:00	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 14:00	1
2-Butanone	<10		10		ug/L			12/22/22 14:00	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			12/22/22 14:00	1
Acetone	<20	cn	20		ug/L			12/22/22 14:00	1
Acrolein	<100	cn	100		ug/L			12/22/22 14:00	1
Acrylonitrile	<20	cn	20		ug/L			12/22/22 14:00	1
Benzene	<1.0		1.0		ug/L			12/22/22 14:00	1
Bromodichloromethane	<1.0		1.0		ug/L			12/22/22 14:00	1
Bromoform	<4.0		4.0		ug/L			12/22/22 14:00	1
Bromomethane	<1.0		1.0		ug/L			12/22/22 14:00	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/22/22 14:00	1
Chlorobenzene	<1.0		1.0		ug/L			12/22/22 14:00	1
Chloroethane	<1.0		1.0		ug/L			12/22/22 14:00	1
Chloroform	<1.0		1.0		ug/L			12/22/22 14:00	1
Chloromethane	<2.0		2.0		ug/L			12/22/22 14:00	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/22/22 14:00	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 14:00	1
Dibromochloromethane	<1.0		1.0		ug/L			12/22/22 14:00	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/22/22 14:00	1
Ethanol	<750		750		ug/L			12/22/22 14:00	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/22/22 14:00	1
Ethylbenzene	<1.0		1.0		ug/L			12/22/22 14:00	1
Isopropylbenzene	<5.0		5.0		ug/L			12/22/22 14:00	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			12/22/22 14:00	1
Methylene Chloride	<1.0		1.0		ug/L			12/22/22 14:00	1
Naphthalene	<5.0		5.0		ug/L			12/22/22 14:00	1
n-Butylbenzene	<5.0		5.0		ug/L			12/22/22 14:00	1
N-Propylbenzene	<5.0	cn	5.0		ug/L			12/22/22 14:00	1
p-Isopropyltoluene	<5.0	*+ cn	5.0		ug/L			12/22/22 14:00	1
sec-Butylbenzene	<5.0	cn	5.0		ug/L			12/22/22 14:00	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/22/22 14:00	1
t-Butyl alcohol	<50		50		ug/L			12/22/22 14:00	1
Tetrachloroethene	<1.0	cn	1.0		ug/L			12/22/22 14:00	1
Toluene	<1.0		1.0		ug/L			12/22/22 14:00	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/22/22 14:00	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 14:00	1
Trichloroethene	<1.0		1.0		ug/L			12/22/22 14:00	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/22/22 14:00	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: BR-1
Date Collected: 12/12/22 09:45
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-1
Matrix: Groundwater

Method: SW846 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			12/22/22 14:00	1
Xylenes, Total	<1.0		1.0		ug/L			12/22/22 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*		*12/22/22 14:00*	*1*
4-Bromofluorobenzene (Surr)	*86*		*80 - 120*		*12/22/22 14:00*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*12/22/22 14:00*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*12/22/22 14:00*	*1*

Method: SW846 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		12/19/22 06:06	12/19/22 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*106*		*37 - 153*	*12/19/22 06:06*	*12/19/22 15:54*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: MW-1
Date Collected: 12/12/22 11:20
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-2
Matrix: Groundwater

Method: SW846 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			12/22/22 14:20	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/22/22 14:20	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/22/22 14:20	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/22/22 14:20	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/22/22 14:20	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/22/22 14:20	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 14:20	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/22/22 14:20	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/22/22 14:20	1
1,3,5-Trichlorobenzene	<5.0	cn	5.0		ug/L			12/22/22 14:20	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 14:20	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 14:20	1
2-Butanone	<10		10		ug/L			12/22/22 14:20	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			12/22/22 14:20	1
Acetone	<20	cn	20		ug/L			12/22/22 14:20	1
Acrolein	<100	cn	100		ug/L			12/22/22 14:20	1
Acrylonitrile	<20	cn	20		ug/L			12/22/22 14:20	1
Benzene	<1.0		1.0		ug/L			12/22/22 14:20	1
Bromodichloromethane	<1.0		1.0		ug/L			12/22/22 14:20	1
Bromoform	<4.0		4.0		ug/L			12/22/22 14:20	1
Bromomethane	<1.0		1.0		ug/L			12/22/22 14:20	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/22/22 14:20	1
Chlorobenzene	<1.0		1.0		ug/L			12/22/22 14:20	1
Chloroethane	<1.0		1.0		ug/L			12/22/22 14:20	1
Chloroform	<1.0		1.0		ug/L			12/22/22 14:20	1
Chloromethane	<2.0		2.0		ug/L			12/22/22 14:20	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/22/22 14:20	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 14:20	1
Dibromochloromethane	<1.0		1.0		ug/L			12/22/22 14:20	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/22/22 14:20	1
Ethanol	<750		750		ug/L			12/22/22 14:20	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/22/22 14:20	1
Ethylbenzene	<1.0		1.0		ug/L			12/22/22 14:20	1
Isopropylbenzene	<5.0		5.0		ug/L			12/22/22 14:20	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			12/22/22 14:20	1
Methylene Chloride	<1.0		1.0		ug/L			12/22/22 14:20	1
Naphthalene	<5.0		5.0		ug/L			12/22/22 14:20	1
n-Butylbenzene	<5.0		5.0		ug/L			12/22/22 14:20	1
N-Propylbenzene	<5.0	cn	5.0		ug/L			12/22/22 14:20	1
p-Isopropyltoluene	<5.0	*+ cn	5.0		ug/L			12/22/22 14:20	1
sec-Butylbenzene	<5.0	cn	5.0		ug/L			12/22/22 14:20	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/22/22 14:20	1
t-Butyl alcohol	<50		50		ug/L			12/22/22 14:20	1
Tetrachloroethene	<1.0	cn	1.0		ug/L			12/22/22 14:20	1
Toluene	<1.0		1.0		ug/L			12/22/22 14:20	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/22/22 14:20	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 14:20	1
Trichloroethene	<1.0		1.0		ug/L			12/22/22 14:20	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/22/22 14:20	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: MW-1
Date Collected: 12/12/22 11:20
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-2
Matrix: Groundwater

Method: SW846 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			12/22/22 14:20	1
Xylenes, Total	<1.0		1.0		ug/L			12/22/22 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*12/22/22 14:20*	*1*
4-Bromofluorobenzene (Surr)	*85*		*80 - 120*		*12/22/22 14:20*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*12/22/22 14:20*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*12/22/22 14:20*	*1*

Method: SW846 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		12/19/22 06:06	12/19/22 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*121*		*37 - 153*	*12/19/22 06:06*	*12/19/22 16:18*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: MW-2
Date Collected: 12/12/22 16:40
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-3
Matrix: Groundwater

Method: SW846 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			12/22/22 14:40	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/22/22 14:40	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/22/22 14:40	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/22/22 14:40	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/22/22 14:40	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/22/22 14:40	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 14:40	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/22/22 14:40	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/22/22 14:40	1
1,3,5-Trichlorobenzene	<5.0	cn	5.0		ug/L			12/22/22 14:40	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 14:40	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 14:40	1
2-Butanone	<10		10		ug/L			12/22/22 14:40	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			12/22/22 14:40	1
Acetone	<20	cn	20		ug/L			12/22/22 14:40	1
Acrolein	<100	cn	100		ug/L			12/22/22 14:40	1
Acrylonitrile	<20	cn	20		ug/L			12/22/22 14:40	1
Benzene	<1.0		1.0		ug/L			12/22/22 14:40	1
Bromodichloromethane	<1.0		1.0		ug/L			12/22/22 14:40	1
Bromoform	<4.0		4.0		ug/L			12/22/22 14:40	1
Bromomethane	<1.0		1.0		ug/L			12/22/22 14:40	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/22/22 14:40	1
Chlorobenzene	<1.0		1.0		ug/L			12/22/22 14:40	1
Chloroethane	<1.0		1.0		ug/L			12/22/22 14:40	1
Chloroform	<1.0		1.0		ug/L			12/22/22 14:40	1
Chloromethane	<2.0		2.0		ug/L			12/22/22 14:40	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/22/22 14:40	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 14:40	1
Dibromochloromethane	<1.0		1.0		ug/L			12/22/22 14:40	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/22/22 14:40	1
Ethanol	<750		750		ug/L			12/22/22 14:40	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/22/22 14:40	1
Ethylbenzene	<1.0		1.0		ug/L			12/22/22 14:40	1
Isopropylbenzene	<5.0		5.0		ug/L			12/22/22 14:40	1
Methyl tertiary butyl ether	**3.1**		1.0		ug/L			12/22/22 14:40	1
Methylene Chloride	<1.0		1.0		ug/L			12/22/22 14:40	1
Naphthalene	<5.0		5.0		ug/L			12/22/22 14:40	1
n-Butylbenzene	<5.0		5.0		ug/L			12/22/22 14:40	1
N-Propylbenzene	<5.0	cn	5.0		ug/L			12/22/22 14:40	1
p-Isopropyltoluene	<5.0	*+ cn	5.0		ug/L			12/22/22 14:40	1
sec-Butylbenzene	<5.0	cn	5.0		ug/L			12/22/22 14:40	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/22/22 14:40	1
t-Butyl alcohol	<50		50		ug/L			12/22/22 14:40	1
Tetrachloroethene	<1.0	cn	1.0		ug/L			12/22/22 14:40	1
Toluene	<1.0		1.0		ug/L			12/22/22 14:40	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/22/22 14:40	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 14:40	1
Trichloroethene	<1.0		1.0		ug/L			12/22/22 14:40	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/22/22 14:40	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: MW-2
Date Collected: 12/12/22 16:40
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-3
Matrix: Groundwater

Method: SW846 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			12/22/22 14:40	1
Xylenes, Total	<1.0		1.0		ug/L			12/22/22 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 120*		*12/22/22 14:40*	*1*
4-Bromofluorobenzene (Surr)	*85*		*80 - 120*		*12/22/22 14:40*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*12/22/22 14:40*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*12/22/22 14:40*	*1*

Method: SW846 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		12/19/22 06:06	12/19/22 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*119*		*37 - 153*	*12/19/22 06:06*	*12/19/22 16:42*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: MW-3
Date Collected: 12/12/22 14:00
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-4
Matrix: Groundwater

Method: SW846 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			12/22/22 15:00	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/22/22 15:00	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/22/22 15:00	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/22/22 15:00	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/22/22 15:00	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/22/22 15:00	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 15:00	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/22/22 15:00	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/22/22 15:00	1
1,3,5-Trichlorobenzene	<5.0	cn	5.0		ug/L			12/22/22 15:00	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 15:00	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 15:00	1
2-Butanone	<10		10		ug/L			12/22/22 15:00	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			12/22/22 15:00	1
Acetone	<20	cn	20		ug/L			12/22/22 15:00	1
Acrolein	<100	cn	100		ug/L			12/22/22 15:00	1
Acrylonitrile	<20	cn	20		ug/L			12/22/22 15:00	1
Benzene	<1.0		1.0		ug/L			12/22/22 15:00	1
Bromodichloromethane	<1.0		1.0		ug/L			12/22/22 15:00	1
Bromoform	<4.0		4.0		ug/L			12/22/22 15:00	1
Bromomethane	<1.0		1.0		ug/L			12/22/22 15:00	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/22/22 15:00	1
Chlorobenzene	<1.0		1.0		ug/L			12/22/22 15:00	1
Chloroethane	<1.0		1.0		ug/L			12/22/22 15:00	1
Chloroform	<1.0		1.0		ug/L			12/22/22 15:00	1
Chloromethane	<2.0		2.0		ug/L			12/22/22 15:00	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/22/22 15:00	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 15:00	1
Dibromochloromethane	<1.0		1.0		ug/L			12/22/22 15:00	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/22/22 15:00	1
Ethanol	<750		750		ug/L			12/22/22 15:00	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/22/22 15:00	1
Ethylbenzene	<1.0		1.0		ug/L			12/22/22 15:00	1
Isopropylbenzene	<5.0		5.0		ug/L			12/22/22 15:00	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			12/22/22 15:00	1
Methylene Chloride	<1.0		1.0		ug/L			12/22/22 15:00	1
Naphthalene	<5.0		5.0		ug/L			12/22/22 15:00	1
n-Butylbenzene	<5.0		5.0		ug/L			12/22/22 15:00	1
N-Propylbenzene	<5.0	cn	5.0		ug/L			12/22/22 15:00	1
p-Isopropyltoluene	<5.0	*+ cn	5.0		ug/L			12/22/22 15:00	1
sec-Butylbenzene	<5.0	cn	5.0		ug/L			12/22/22 15:00	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/22/22 15:00	1
t-Butyl alcohol	<50		50		ug/L			12/22/22 15:00	1
Tetrachloroethene	<1.0	cn	1.0		ug/L			12/22/22 15:00	1
Toluene	<1.0		1.0		ug/L			12/22/22 15:00	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/22/22 15:00	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 15:00	1
Trichloroethene	<1.0		1.0		ug/L			12/22/22 15:00	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/22/22 15:00	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: MW-3
Date Collected: 12/12/22 14:00
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-4
Matrix: Groundwater

Method: SW846 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			12/22/22 15:00	1
Xylenes, Total	<1.0		1.0		ug/L			12/22/22 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 120*		*12/22/22 15:00*	*1*
4-Bromofluorobenzene (Surr)	*85*		*80 - 120*		*12/22/22 15:00*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*12/22/22 15:00*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*12/22/22 15:00*	*1*

Method: SW846 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		12/19/22 06:06	12/19/22 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*120*		*37 - 153*	*12/19/22 06:06*	*12/19/22 17:06*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: MW-7
Date Collected: 12/12/22 15:00
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-5
Matrix: Groundwater

Method: SW846 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			12/22/22 15:20	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/22/22 15:20	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/22/22 15:20	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/22/22 15:20	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/22/22 15:20	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/22/22 15:20	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 15:20	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/22/22 15:20	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/22/22 15:20	1
1,3,5-Trichlorobenzene	<5.0	cn	5.0		ug/L			12/22/22 15:20	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 15:20	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 15:20	1
2-Butanone	<10		10		ug/L			12/22/22 15:20	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			12/22/22 15:20	1
Acetone	<20	cn	20		ug/L			12/22/22 15:20	1
Acrolein	<100	cn	100		ug/L			12/22/22 15:20	1
Acrylonitrile	<20	cn	20		ug/L			12/22/22 15:20	1
Benzene	<1.0		1.0		ug/L			12/22/22 15:20	1
Bromodichloromethane	<1.0		1.0		ug/L			12/22/22 15:20	1
Bromoform	<4.0		4.0		ug/L			12/22/22 15:20	1
Bromomethane	<1.0		1.0		ug/L			12/22/22 15:20	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/22/22 15:20	1
Chlorobenzene	<1.0		1.0		ug/L			12/22/22 15:20	1
Chloroethane	<1.0		1.0		ug/L			12/22/22 15:20	1
Chloroform	<1.0		1.0		ug/L			12/22/22 15:20	1
Chloromethane	<2.0		2.0		ug/L			12/22/22 15:20	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/22/22 15:20	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 15:20	1
Dibromochloromethane	<1.0		1.0		ug/L			12/22/22 15:20	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/22/22 15:20	1
Ethanol	<750		750		ug/L			12/22/22 15:20	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/22/22 15:20	1
Ethylbenzene	<1.0		1.0		ug/L			12/22/22 15:20	1
Isopropylbenzene	<5.0		5.0		ug/L			12/22/22 15:20	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			12/22/22 15:20	1
Methylene Chloride	<1.0		1.0		ug/L			12/22/22 15:20	1
Naphthalene	<5.0		5.0		ug/L			12/22/22 15:20	1
n-Butylbenzene	<5.0		5.0		ug/L			12/22/22 15:20	1
N-Propylbenzene	<5.0	cn	5.0		ug/L			12/22/22 15:20	1
p-Isopropyltoluene	<5.0	*+ cn	5.0		ug/L			12/22/22 15:20	1
sec-Butylbenzene	<5.0	cn	5.0		ug/L			12/22/22 15:20	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/22/22 15:20	1
t-Butyl alcohol	<50		50		ug/L			12/22/22 15:20	1
Tetrachloroethene	<1.0	cn	1.0		ug/L			12/22/22 15:20	1
Toluene	<1.0		1.0		ug/L			12/22/22 15:20	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/22/22 15:20	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 15:20	1
Trichloroethene	<1.0		1.0		ug/L			12/22/22 15:20	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/22/22 15:20	1

Client: Kleinfelder Inc
Job ID: 410-108990-1
Project/Site: Southside Oil 20025

Client Sample ID: MW-7
Lab Sample ID: 410-108990-5
Date Collected: 12/12/22 15:00
Matrix: Groundwater
Date Received: 12/13/22 14:06

Method: SW846 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			12/22/22 15:20	1
Xylenes, Total	<1.0		1.0		ug/L			12/22/22 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*12/22/22 15:20*	*1*
4-Bromofluorobenzene (Surr)	*86*		*80 - 120*		*12/22/22 15:20*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*12/22/22 15:20*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*12/22/22 15:20*	*1*

Method: SW846 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		12/19/22 06:06	12/19/22 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*117*		*37 - 153*	*12/19/22 06:06*	*12/19/22 17:30*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: MW-8
Date Collected: 12/12/22 13:15
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-6
Matrix: Groundwater

Method: SW846 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			12/22/22 15:39	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/22/22 15:39	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/22/22 15:39	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/22/22 15:39	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/22/22 15:39	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/22/22 15:39	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 15:39	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/22/22 15:39	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/22/22 15:39	1
1,3,5-Trichlorobenzene	<5.0	cn	5.0		ug/L			12/22/22 15:39	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 15:39	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 15:39	1
2-Butanone	<10		10		ug/L			12/22/22 15:39	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			12/22/22 15:39	1
Acetone	<20	cn	20		ug/L			12/22/22 15:39	1
Acrolein	<100	cn	100		ug/L			12/22/22 15:39	1
Acrylonitrile	<20	cn	20		ug/L			12/22/22 15:39	1
Benzene	<1.0		1.0		ug/L			12/22/22 15:39	1
Bromodichloromethane	<1.0		1.0		ug/L			12/22/22 15:39	1
Bromoform	<4.0		4.0		ug/L			12/22/22 15:39	1
Bromomethane	<1.0		1.0		ug/L			12/22/22 15:39	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/22/22 15:39	1
Chlorobenzene	<1.0		1.0		ug/L			12/22/22 15:39	1
Chloroethane	<1.0		1.0		ug/L			12/22/22 15:39	1
Chloroform	<1.0		1.0		ug/L			12/22/22 15:39	1
Chloromethane	<2.0		2.0		ug/L			12/22/22 15:39	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/22/22 15:39	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 15:39	1
Dibromochloromethane	<1.0		1.0		ug/L			12/22/22 15:39	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/22/22 15:39	1
Ethanol	<750		750		ug/L			12/22/22 15:39	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/22/22 15:39	1
Ethylbenzene	<1.0		1.0		ug/L			12/22/22 15:39	1
Isopropylbenzene	<5.0		5.0		ug/L			12/22/22 15:39	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			12/22/22 15:39	1
Methylene Chloride	<1.0		1.0		ug/L			12/22/22 15:39	1
Naphthalene	<5.0		5.0		ug/L			12/22/22 15:39	1
n-Butylbenzene	<5.0		5.0		ug/L			12/22/22 15:39	1
N-Propylbenzene	<5.0	cn	5.0		ug/L			12/22/22 15:39	1
p-Isopropyltoluene	<5.0	*+ cn	5.0		ug/L			12/22/22 15:39	1
sec-Butylbenzene	<5.0	cn	5.0		ug/L			12/22/22 15:39	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/22/22 15:39	1
t-Butyl alcohol	<50		50		ug/L			12/22/22 15:39	1
Tetrachloroethene	<1.0	cn	1.0		ug/L			12/22/22 15:39	1
Toluene	<1.0		1.0		ug/L			12/22/22 15:39	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/22/22 15:39	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 15:39	1
Trichloroethene	<1.0		1.0		ug/L			12/22/22 15:39	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/22/22 15:39	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: MW-8
Date Collected: 12/12/22 13:15
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-6
Matrix: Groundwater

Method: SW846 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			12/22/22 15:39	1
Xylenes, Total	<1.0		1.0		ug/L			12/22/22 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 120*		*12/22/22 15:39*	*1*
4-Bromofluorobenzene (Surr)	*84*		*80 - 120*		*12/22/22 15:39*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*12/22/22 15:39*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*12/22/22 15:39*	*1*

Method: SW846 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		12/19/22 06:06	12/19/22 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*88*		*37 - 153*	*12/19/22 06:06*	*12/19/22 17:54*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: MW-9
Date Collected: 12/12/22 12:30
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-7
Matrix: Groundwater

Method: SW846 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			12/22/22 15:59	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/22/22 15:59	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/22/22 15:59	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/22/22 15:59	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/22/22 15:59	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/22/22 15:59	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 15:59	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/22/22 15:59	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/22/22 15:59	1
1,3,5-Trichlorobenzene	<5.0	cn	5.0		ug/L			12/22/22 15:59	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 15:59	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 15:59	1
2-Butanone	<10		10		ug/L			12/22/22 15:59	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			12/22/22 15:59	1
Acetone	<20	cn	20		ug/L			12/22/22 15:59	1
Acrolein	<100	cn	100		ug/L			12/22/22 15:59	1
Acrylonitrile	<20	cn	20		ug/L			12/22/22 15:59	1
Benzene	<1.0		1.0		ug/L			12/22/22 15:59	1
Bromodichloromethane	<1.0		1.0		ug/L			12/22/22 15:59	1
Bromoform	<4.0		4.0		ug/L			12/22/22 15:59	1
Bromomethane	<1.0		1.0		ug/L			12/22/22 15:59	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/22/22 15:59	1
Chlorobenzene	<1.0		1.0		ug/L			12/22/22 15:59	1
Chloroethane	<1.0		1.0		ug/L			12/22/22 15:59	1
Chloroform	<1.0		1.0		ug/L			12/22/22 15:59	1
Chloromethane	<2.0		2.0		ug/L			12/22/22 15:59	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/22/22 15:59	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 15:59	1
Dibromochloromethane	<1.0		1.0		ug/L			12/22/22 15:59	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/22/22 15:59	1
Ethanol	<750		750		ug/L			12/22/22 15:59	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/22/22 15:59	1
Ethylbenzene	<1.0		1.0		ug/L			12/22/22 15:59	1
Isopropylbenzene	<5.0		5.0		ug/L			12/22/22 15:59	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			12/22/22 15:59	1
Methylene Chloride	<1.0		1.0		ug/L			12/22/22 15:59	1
Naphthalene	<5.0		5.0		ug/L			12/22/22 15:59	1
n-Butylbenzene	<5.0		5.0		ug/L			12/22/22 15:59	1
N-Propylbenzene	<5.0	cn	5.0		ug/L			12/22/22 15:59	1
p-Isopropyltoluene	<5.0	*+ cn	5.0		ug/L			12/22/22 15:59	1
sec-Butylbenzene	<5.0	cn	5.0		ug/L			12/22/22 15:59	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/22/22 15:59	1
t-Butyl alcohol	<50		50		ug/L			12/22/22 15:59	1
Tetrachloroethene	<1.0	cn	1.0		ug/L			12/22/22 15:59	1
Toluene	<1.0		1.0		ug/L			12/22/22 15:59	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/22/22 15:59	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 15:59	1
Trichloroethene	<1.0		1.0		ug/L			12/22/22 15:59	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/22/22 15:59	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: MW-9
Date Collected: 12/12/22 12:30
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-7
Matrix: Groundwater

Method: SW846 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			12/22/22 15:59	1
Xylenes, Total	<1.0		1.0		ug/L			12/22/22 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 120*		*12/22/22 15:59*	*1*
4-Bromofluorobenzene (Surr)	*82*		*80 - 120*		*12/22/22 15:59*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*12/22/22 15:59*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*12/22/22 15:59*	*1*

Method: SW846 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		12/19/22 06:06	12/19/22 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*123*		*37 - 153*	*12/19/22 06:06*	*12/19/22 18:18*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: MW-13
Date Collected: 12/12/22 10:15
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-8
Matrix: Groundwater

Method: SW846 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			12/22/22 16:19	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/22/22 16:19	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/22/22 16:19	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/22/22 16:19	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/22/22 16:19	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/22/22 16:19	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 16:19	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/22/22 16:19	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/22/22 16:19	1
1,3,5-Trichlorobenzene	<5.0	cn	5.0		ug/L			12/22/22 16:19	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 16:19	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 16:19	1
2-Butanone	<10		10		ug/L			12/22/22 16:19	1
2-Chloroethyl vinyl ether	<10	cn	10		ug/L			12/22/22 16:19	1
Acetone	<20	cn	20		ug/L			12/22/22 16:19	1
Acrolein	<100	cn	100		ug/L			12/22/22 16:19	1
Acrylonitrile	<20	cn	20		ug/L			12/22/22 16:19	1
Benzene	<1.0		1.0		ug/L			12/22/22 16:19	1
Bromodichloromethane	<1.0		1.0		ug/L			12/22/22 16:19	1
Bromoform	<4.0		4.0		ug/L			12/22/22 16:19	1
Bromomethane	<1.0		1.0		ug/L			12/22/22 16:19	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/22/22 16:19	1
Chlorobenzene	<1.0		1.0		ug/L			12/22/22 16:19	1
Chloroethane	<1.0		1.0		ug/L			12/22/22 16:19	1
Chloroform	<1.0		1.0		ug/L			12/22/22 16:19	1
Chloromethane	<2.0		2.0		ug/L			12/22/22 16:19	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/22/22 16:19	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 16:19	1
Dibromochloromethane	<1.0		1.0		ug/L			12/22/22 16:19	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/22/22 16:19	1
Ethanol	<750		750		ug/L			12/22/22 16:19	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/22/22 16:19	1
Ethylbenzene	<1.0		1.0		ug/L			12/22/22 16:19	1
Isopropylbenzene	<5.0		5.0		ug/L			12/22/22 16:19	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			12/22/22 16:19	1
Methylene Chloride	<1.0		1.0		ug/L			12/22/22 16:19	1
Naphthalene	<5.0		5.0		ug/L			12/22/22 16:19	1
n-Butylbenzene	<5.0		5.0		ug/L			12/22/22 16:19	1
N-Propylbenzene	<5.0	cn	5.0		ug/L			12/22/22 16:19	1
p-Isopropyltoluene	<5.0	*+ cn	5.0		ug/L			12/22/22 16:19	1
sec-Butylbenzene	<5.0	cn	5.0		ug/L			12/22/22 16:19	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/22/22 16:19	1
t-Butyl alcohol	<50		50		ug/L			12/22/22 16:19	1
Tetrachloroethene	<1.0	cn	1.0		ug/L			12/22/22 16:19	1
Toluene	<1.0		1.0		ug/L			12/22/22 16:19	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/22/22 16:19	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 16:19	1
Trichloroethene	<1.0		1.0		ug/L			12/22/22 16:19	1
Trichlorofluoromethane	<1.0		1.0		ug/L			12/22/22 16:19	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: MW-13
Date Collected: 12/12/22 10:15
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-8
Matrix: Groundwater

Method: SW846 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			12/22/22 16:19	1
Xylenes, Total	<1.0		1.0		ug/L			12/22/22 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*		*12/22/22 16:19*	*1*
4-Bromofluorobenzene (Surr)	*83*		*80 - 120*		*12/22/22 16:19*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*12/22/22 16:19*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*12/22/22 16:19*	*1*

Method: SW846 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		12/19/22 06:06	12/19/22 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*123*		*37 - 153*	*12/19/22 06:06*	*12/19/22 18:42*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: 1836 Pville Rd

Date Collected: 12/12/22 15:20
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-9

Matrix: Drinking Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.50		0.50		ug/L			12/16/22 19:42	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			12/16/22 19:42	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			12/16/22 19:42	1
1,1-Dichloroethane	<0.50		0.50		ug/L			12/16/22 19:42	1
1,1-Dichloroethene	<0.50		0.50		ug/L			12/16/22 19:42	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			12/16/22 19:42	1
1,2-Dichlorobenzene	<0.50		0.50		ug/L			12/16/22 19:42	1
1,2-Dichloroethane	<0.50		0.50		ug/L			12/16/22 19:42	1
1,2-Dichloropropane	<0.50		0.50		ug/L			12/16/22 19:42	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			12/16/22 19:42	1
1,3-Dichlorobenzene	<0.50		0.50		ug/L			12/16/22 19:42	1
1,4-Dichlorobenzene	<0.50		0.50		ug/L			12/16/22 19:42	1
2-Butanone	<5.0		5.0		ug/L			12/16/22 19:42	1
Acetone	<10		10		ug/L			12/16/22 19:42	1
Acrolein	<50		50		ug/L			12/16/22 19:42	1
Acrylonitrile	<10		10		ug/L			12/16/22 19:42	1
Benzene	<0.50		0.50		ug/L			12/16/22 19:42	1
Bromodichloromethane	<0.50		0.50		ug/L			12/16/22 19:42	1
Bromoform	<0.50		0.50		ug/L			12/16/22 19:42	1
Bromomethane	<0.50		0.50		ug/L			12/16/22 19:42	1
Carbon tetrachloride	**0.73**		0.50		ug/L			12/16/22 19:42	1
Chlorobenzene	<0.50		0.50		ug/L			12/16/22 19:42	1
Chloroethane	<0.50		0.50		ug/L			12/16/22 19:42	1
Chloroform	**4.1**		0.50		ug/L			12/16/22 19:42	1
Chloromethane	<0.50		0.50		ug/L			12/16/22 19:42	1
cis-1,2-Dichloroethene	<0.50		0.50		ug/L			12/16/22 19:42	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			12/16/22 19:42	1
Dibromochloromethane	<0.50		0.50		ug/L			12/16/22 19:42	1
tert-Butylbenzene	<0.50		0.50		ug/L			12/16/22 19:42	1
di-Isopropyl ether	<0.50		0.50		ug/L			12/16/22 19:42	1
Ethyl t-butyl ether	<0.50		0.50		ug/L			12/16/22 19:42	1
Ethylbenzene	<0.50		0.50		ug/L			12/16/22 19:42	1
Isopropylbenzene	<0.50		0.50		ug/L			12/16/22 19:42	1
Methyl tertiary butyl ether	**5.1**		0.50		ug/L			12/16/22 19:42	1
Methylene Chloride	<0.50		0.50		ug/L			12/16/22 19:42	1
Naphthalene	<0.50		0.50		ug/L			12/16/22 19:42	1
n-Butylbenzene	<0.50		0.50		ug/L			12/16/22 19:42	1
N-Propylbenzene	<0.50		0.50		ug/L			12/16/22 19:42	1
p-Isopropyltoluene	<0.50		0.50		ug/L			12/16/22 19:42	1
sec-Butylbenzene	<0.50		0.50		ug/L			12/16/22 19:42	1
t-Amyl methyl ether	<0.50		0.50		ug/L			12/16/22 19:42	1
t-Butyl alcohol	<25		25		ug/L			12/16/22 19:42	1
Tetrachloroethene	<0.50		0.50		ug/L			12/16/22 19:42	1
Toluene	<0.50		0.50		ug/L			12/16/22 19:42	1
trans-1,2-Dichloroethene	<0.50		0.50		ug/L			12/16/22 19:42	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			12/16/22 19:42	1
Trichloroethene	<0.50		0.50		ug/L			12/16/22 19:42	1
Trichlorofluoromethane	<0.50		0.50		ug/L			12/16/22 19:42	1
Vinyl chloride	<0.50		0.50		ug/L			12/16/22 19:42	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: 1836 Pville Rd
Date Collected: 12/12/22 15:20
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-9
Matrix: Drinking Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.50		0.50		ug/L			12/16/22 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*80 - 120*		*12/16/22 19:42*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*94*		*80 - 120*		*12/16/22 19:42*	*1*

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: Trip Blank
Date Collected: 12/12/22 00:00
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-11
Matrix: Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.50		0.50		ug/L			12/19/22 11:30	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			12/19/22 11:30	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			12/19/22 11:30	1
1,1-Dichloroethane	<0.50		0.50		ug/L			12/19/22 11:30	1
1,1-Dichloroethene	<0.50		0.50		ug/L			12/19/22 11:30	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			12/19/22 11:30	1
1,2-Dichlorobenzene	<0.50		0.50		ug/L			12/19/22 11:30	1
1,2-Dichloroethane	<0.50		0.50		ug/L			12/19/22 11:30	1
1,2-Dichloropropane	<0.50		0.50		ug/L			12/19/22 11:30	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			12/19/22 11:30	1
1,3-Dichlorobenzene	<0.50		0.50		ug/L			12/19/22 11:30	1
1,4-Dichlorobenzene	<0.50		0.50		ug/L			12/19/22 11:30	1
2-Butanone	<5.0		5.0		ug/L			12/19/22 11:30	1
Acetone	<10		10		ug/L			12/19/22 11:30	1
Acrolein	<50		50		ug/L			12/19/22 11:30	1
Acrylonitrile	<10		10		ug/L			12/19/22 11:30	1
Benzene	<0.50		0.50		ug/L			12/19/22 11:30	1
Bromodichloromethane	<0.50		0.50		ug/L			12/19/22 11:30	1
Bromoform	<0.50		0.50		ug/L			12/19/22 11:30	1
Bromomethane	<0.50		0.50		ug/L			12/19/22 11:30	1
Carbon tetrachloride	<0.50		0.50		ug/L			12/19/22 11:30	1
Chlorobenzene	<0.50		0.50		ug/L			12/19/22 11:30	1
Chloroethane	<0.50		0.50		ug/L			12/19/22 11:30	1
Chloroform	<0.50		0.50		ug/L			12/19/22 11:30	1
Chloromethane	<0.50		0.50		ug/L			12/19/22 11:30	1
cis-1,2-Dichloroethene	<0.50		0.50		ug/L			12/19/22 11:30	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			12/19/22 11:30	1
Dibromochloromethane	<0.50		0.50		ug/L			12/19/22 11:30	1
tert-Butylbenzene	<0.50		0.50		ug/L			12/19/22 11:30	1
di-Isopropyl ether	<0.50		0.50		ug/L			12/19/22 11:30	1
Ethyl t-butyl ether	<0.50		0.50		ug/L			12/19/22 11:30	1
Ethylbenzene	<0.50		0.50		ug/L			12/19/22 11:30	1
Isopropylbenzene	<0.50		0.50		ug/L			12/19/22 11:30	1
Methyl tertiary butyl ether	<0.50		0.50		ug/L			12/19/22 11:30	1
Methylene Chloride	<0.50		0.50		ug/L			12/19/22 11:30	1
Naphthalene	<0.50		0.50		ug/L			12/19/22 11:30	1
n-Butylbenzene	<0.50		0.50		ug/L			12/19/22 11:30	1
N-Propylbenzene	<0.50		0.50		ug/L			12/19/22 11:30	1
p-Isopropyltoluene	<0.50		0.50		ug/L			12/19/22 11:30	1
sec-Butylbenzene	<0.50		0.50		ug/L			12/19/22 11:30	1
t-Amyl methyl ether	<0.50		0.50		ug/L			12/19/22 11:30	1
t-Butyl alcohol	<25		25		ug/L			12/19/22 11:30	1
Tetrachloroethene	<0.50		0.50		ug/L			12/19/22 11:30	1
Toluene	<0.50		0.50		ug/L			12/19/22 11:30	1
trans-1,2-Dichloroethene	<0.50		0.50		ug/L			12/19/22 11:30	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			12/19/22 11:30	1
Trichloroethene	<0.50		0.50		ug/L			12/19/22 11:30	1
Trichlorofluoromethane	<0.50		0.50		ug/L			12/19/22 11:30	1
Vinyl chloride	<0.50		0.50		ug/L			12/19/22 11:30	1

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Client Sample ID: Trip Blank
Date Collected: 12/12/22 00:00
Date Received: 12/13/22 14:06

Lab Sample ID: 410-108990-11
Matrix: Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.50		0.50		ug/L			12/19/22 11:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*80 - 120*		*12/19/22 11:30*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*95*		*80 - 120*		*12/19/22 11:30*	*1*

Surrogate Summary

Client: Kleinfelder Inc
Project/Site: Southside Oil 20025

Job ID: 410-108990-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB	DCZ
Lab Sample ID	Client Sample ID	(80-120)	(80-120)
410-108990-9	1836 Pville Rd	82	94
LCS 410-327898/5	Lab Control Sample	105	103
LCS 410-328426/5	Lab Control Sample	107	107
MB 410-327898/7	Method Blank	85	95
MB 410-328426/7	Method Blank	83	96

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DCZ = 1,2-Dichlorobenzene-d4 (Surr)

Method: 524.2 - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB	DCZ
Lab Sample ID	Client Sample ID	(80-120)	(80-120)
410-108990-11	Trip Blank	83	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DCZ = 1,2-Dichlorobenzene-d4 (Surr)

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)
410-108990-1	BR-1	99	86	99	105
410-108990-2	MW-1	101	85	98	107
410-108990-3	MW-2	95	85	97	106
410-108990-4	MW-3	96	85	99	103
410-108990-5	MW-7	100	86	99	108
410-108990-6	MW-8	96	84	101	107
410-108990-7	MW-9	97	82	98	103
410-108990-8	MW-13	99	83	100	105

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 410-329690/4	Lab Control Sample	103	85	100	105
MB 410-329690/6	Method Blank	100	83	99	106

Surrogate Legend

Surrogate Summary

Client: Kleinfelder Inc
Job ID: 410-108990-1
Project/Site: Southside Oil 20025

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)
410-108990-1	BR-1	106
410-108990-2	MW-1	121
410-108990-3	MW-2	119
410-108990-4	MW-3	120
410-108990-5	MW-7	117
410-108990-6	MW-8	88
410-108990-7	MW-9	123
410-108990-8	MW-13	123

Surrogate Legend

OTP = o- terphenyl (Surr)

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 410-328360/2-A	Lab Control Sample	127
LCSD 410-328360/3-A	Lab Control Sample Dup	126
MB 410-328360/1-A	Method Blank	127

Surrogate Legend

OTP = o- terphenyl (Surr)

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 410-327898/7
Matrix: Drinking Water
Analysis Batch: 327898

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	<0.50		0.50		ug/L			12/16/22 13:39	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			12/16/22 13:39	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			12/16/22 13:39	1
1,1-Dichloroethane	<0.50		0.50		ug/L			12/16/22 13:39	1
1,1-Dichloroethene	<0.50		0.50		ug/L			12/16/22 13:39	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			12/16/22 13:39	1
1,2-Dichlorobenzene	<0.50		0.50		ug/L			12/16/22 13:39	1
1,2-Dichloroethane	<0.50		0.50		ug/L			12/16/22 13:39	1
1,2-Dichloropropane	<0.50		0.50		ug/L			12/16/22 13:39	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			12/16/22 13:39	1
1,3-Dichlorobenzene	<0.50		0.50		ug/L			12/16/22 13:39	1
1,4-Dichlorobenzene	<0.50		0.50		ug/L			12/16/22 13:39	1
2-Butanone	<5.0		5.0		ug/L			12/16/22 13:39	1
Acetone	<10		10		ug/L			12/16/22 13:39	1
Acrolein	<50		50		ug/L			12/16/22 13:39	1
Acrylonitrile	<10		10		ug/L			12/16/22 13:39	1
Benzene	<0.50		0.50		ug/L			12/16/22 13:39	1
Bromodichloromethane	<0.50		0.50		ug/L			12/16/22 13:39	1
Bromoform	<0.50		0.50		ug/L			12/16/22 13:39	1
Bromomethane	<0.50		0.50		ug/L			12/16/22 13:39	1
Carbon tetrachloride	<0.50		0.50		ug/L			12/16/22 13:39	1
Chlorobenzene	<0.50		0.50		ug/L			12/16/22 13:39	1
Chloroethane	<0.50		0.50		ug/L			12/16/22 13:39	1
Chloroform	<0.50		0.50		ug/L			12/16/22 13:39	1
Chloromethane	<0.50		0.50		ug/L			12/16/22 13:39	1
cis-1,2-Dichloroethene	<0.50		0.50		ug/L			12/16/22 13:39	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			12/16/22 13:39	1
Dibromochloromethane	<0.50		0.50		ug/L			12/16/22 13:39	1
tert-Butylbenzene	<0.50		0.50		ug/L			12/16/22 13:39	1
di-Isopropyl ether	<0.50		0.50		ug/L			12/16/22 13:39	1
Ethyl t-butyl ether	<0.50		0.50		ug/L			12/16/22 13:39	1
Ethylbenzene	<0.50		0.50		ug/L			12/16/22 13:39	1
Isopropylbenzene	<0.50		0.50		ug/L			12/16/22 13:39	1
Methyl tertiary butyl ether	<0.50		0.50		ug/L			12/16/22 13:39	1
Methylene Chloride	<0.50		0.50		ug/L			12/16/22 13:39	1
Naphthalene	<0.50		0.50		ug/L			12/16/22 13:39	1
n-Butylbenzene	<0.50		0.50		ug/L			12/16/22 13:39	1
N-Propylbenzene	<0.50		0.50		ug/L			12/16/22 13:39	1
p-Isopropyltoluene	<0.50		0.50		ug/L			12/16/22 13:39	1
sec-Butylbenzene	<0.50		0.50		ug/L			12/16/22 13:39	1
t-Amyl methyl ether	<0.50		0.50		ug/L			12/16/22 13:39	1
t-Butyl alcohol	<25		25		ug/L			12/16/22 13:39	1
Tetrachloroethene	<0.50		0.50		ug/L			12/16/22 13:39	1
Toluene	<0.50		0.50		ug/L			12/16/22 13:39	1
trans-1,2-Dichloroethene	<0.50		0.50		ug/L			12/16/22 13:39	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			12/16/22 13:39	1
Trichloroethene	<0.50		0.50		ug/L			12/16/22 13:39	1
Trichlorofluoromethane	<0.50		0.50		ug/L			12/16/22 13:39	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-327898/7
Matrix: Drinking Water
Analysis Batch: 327898

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<0.50		0.50		ug/L			12/16/22 13:39	1
Xylenes, Total	<0.50		0.50		ug/L			12/16/22 13:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*80 - 120*		*12/16/22 13:39*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*95*		*80 - 120*		*12/16/22 13:39*	*1*

Lab Sample ID: LCS 410-327898/5
Matrix: Drinking Water
Analysis Batch: 327898

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			5.00	4.91		ug/L		98	70 - 130		
1,1,2,2-Tetrachloroethane			5.00	5.08		ug/L		102	70 - 130		
1,1,2-Trichloroethane			5.00	5.06		ug/L		101	70 - 130		
1,1-Dichloroethane			5.00	4.88		ug/L		98	70 - 130		
1,1-Dichloroethene			5.00	5.25		ug/L		105	70 - 130		
1,2,4-Trimethylbenzene			5.00	5.03		ug/L		101	70 - 130		
1,2-Dichlorobenzene			5.00	5.02		ug/L		100	70 - 130		
1,2-Dichloroethane			5.00	4.79		ug/L		96	70 - 130		
1,2-Dichloropropane			5.00	4.98		ug/L		100	70 - 130		
1,3,5-Trimethylbenzene			5.00	4.92		ug/L		98	70 - 130		
1,3-Dichlorobenzene			5.00	5.07		ug/L		101	70 - 130		
1,4-Dichlorobenzene			5.00	5.16		ug/L		103	70 - 130		
2-Butanone			62.5	66.7		ug/L		107	70 - 130		
Acetone			62.5	56.8		ug/L		91	70 - 130		
Acrolein			37.5	40.1	J	ug/L		107	70 - 130		
Acrylonitrile			113	107		ug/L		95	70 - 130		
Benzene			5.00	5.11		ug/L		102	70 - 130		
Bromodichloromethane			5.00	5.27		ug/L		105	70 - 130		
Bromoform			5.00	5.81		ug/L		116	70 - 130		
Bromomethane			2.00	2.07		ug/L		104	70 - 130		
Carbon tetrachloride			5.00	4.98		ug/L		100	70 - 130		
Chlorobenzene			5.00	5.17		ug/L		103	70 - 130		
Chloroethane			2.00	2.03		ug/L		102	70 - 130		
Chloroform			5.00	5.06		ug/L		101	70 - 130		
Chloromethane			2.00	1.96		ug/L		98	70 - 130		
cis-1,2-Dichloroethene			5.00	5.20		ug/L		104	70 - 130		
cis-1,3-Dichloropropene			5.00	5.22		ug/L		104	70 - 130		
Dibromochloromethane			5.00	5.42		ug/L		108	70 - 130		
tert-Butylbenzene			5.00	4.93		ug/L		99	70 - 130		
di-Isopropyl ether			5.00	4.92		ug/L		98	70 - 130		
Ethyl t-butyl ether			5.00	4.94		ug/L		99	70 - 130		
Ethylbenzene			5.00	5.03		ug/L		101	70 - 130		
Isopropylbenzene			5.00	5.00		ug/L		100	70 - 130		
Methyl tertiary butyl ether			5.00	4.93		ug/L		99	70 - 130		
Methylene Chloride			5.00	5.27		ug/L		105	70 - 130		
Naphthalene			5.00	4.51		ug/L		90	70 - 130		

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-327898/5
Matrix: Drinking Water
Analysis Batch: 327898

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butylbenzene	5.00	4.99		ug/L		100	70 - 130
N-Propylbenzene	5.00	5.00		ug/L		100	70 - 130
p-Isopropyltoluene	5.00	5.08		ug/L		102	70 - 130
sec-Butylbenzene	5.00	5.16		ug/L		103	70 - 130
t-Amyl methyl ether	5.00	4.65		ug/L		93	70 - 130
t-Butyl alcohol	50.0	41.4		ug/L		83	70 - 130
Tetrachloroethene	5.00	5.14		ug/L		103	70 - 130
Toluene	5.00	5.05		ug/L		101	70 - 130
trans-1,2-Dichloroethene	5.00	5.04		ug/L		101	70 - 130
trans-1,3-Dichloropropene	5.00	5.12		ug/L		102	70 - 130
Trichloroethene	5.00	4.85		ug/L		97	70 - 130
Trichlorofluoromethane	2.00	1.95		ug/L		97	70 - 130
Vinyl chloride	2.00	1.97		ug/L		99	70 - 130
Xylenes, Total	15.0	15.1		ug/L		101	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
1,2-Dichlorobenzene-d4 (Surr)	*103*		*80 - 120*

Lab Sample ID: MB 410-328426/7
Matrix: Drinking Water
Analysis Batch: 328426

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	<0.50		0.50		ug/L			12/19/22 10:42	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			12/19/22 10:42	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			12/19/22 10:42	1
1,1-Dichloroethane	<0.50		0.50		ug/L			12/19/22 10:42	1
1,1-Dichloroethene	<0.50		0.50		ug/L			12/19/22 10:42	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			12/19/22 10:42	1
1,2-Dichlorobenzene	<0.50		0.50		ug/L			12/19/22 10:42	1
1,2-Dichloroethane	<0.50		0.50		ug/L			12/19/22 10:42	1
1,2-Dichloropropane	<0.50		0.50		ug/L			12/19/22 10:42	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			12/19/22 10:42	1
1,3-Dichlorobenzene	<0.50		0.50		ug/L			12/19/22 10:42	1
1,4-Dichlorobenzene	<0.50		0.50		ug/L			12/19/22 10:42	1
2-Butanone	<5.0		5.0		ug/L			12/19/22 10:42	1
Acetone	<10		10		ug/L			12/19/22 10:42	1
Acrolein	<50		50		ug/L			12/19/22 10:42	1
Acrylonitrile	<10		10		ug/L			12/19/22 10:42	1
Benzene	<0.50		0.50		ug/L			12/19/22 10:42	1
Bromodichloromethane	<0.50		0.50		ug/L			12/19/22 10:42	1
Bromoform	<0.50		0.50		ug/L			12/19/22 10:42	1
Bromomethane	<0.50		0.50		ug/L			12/19/22 10:42	1
Carbon tetrachloride	<0.50		0.50		ug/L			12/19/22 10:42	1
Chlorobenzene	<0.50		0.50		ug/L			12/19/22 10:42	1
Chloroethane	<0.50		0.50		ug/L			12/19/22 10:42	1
Chloroform	<0.50		0.50		ug/L			12/19/22 10:42	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 410-328426/7
Matrix: Drinking Water
Analysis Batch: 328426

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.50		0.50		ug/L			12/19/22 10:42	1
cis-1,2-Dichloroethene	<0.50		0.50		ug/L			12/19/22 10:42	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			12/19/22 10:42	1
Dibromochloromethane	<0.50		0.50		ug/L			12/19/22 10:42	1
tert-Butylbenzene	<0.50		0.50		ug/L			12/19/22 10:42	1
di-Isopropyl ether	<0.50		0.50		ug/L			12/19/22 10:42	1
Ethyl t-butyl ether	<0.50		0.50		ug/L			12/19/22 10:42	1
Ethylbenzene	<0.50		0.50		ug/L			12/19/22 10:42	1
Isopropylbenzene	<0.50		0.50		ug/L			12/19/22 10:42	1
Methyl tertiary butyl ether	<0.50		0.50		ug/L			12/19/22 10:42	1
Methylene Chloride	<0.50		0.50		ug/L			12/19/22 10:42	1
Naphthalene	<0.50		0.50		ug/L			12/19/22 10:42	1
n-Butylbenzene	<0.50		0.50		ug/L			12/19/22 10:42	1
N-Propylbenzene	<0.50		0.50		ug/L			12/19/22 10:42	1
p-Isopropyltoluene	<0.50		0.50		ug/L			12/19/22 10:42	1
sec-Butylbenzene	<0.50		0.50		ug/L			12/19/22 10:42	1
t-Amyl methyl ether	<0.50		0.50		ug/L			12/19/22 10:42	1
t-Butyl alcohol	<25		25		ug/L			12/19/22 10:42	1
Tetrachloroethene	<0.50		0.50		ug/L			12/19/22 10:42	1
Toluene	<0.50		0.50		ug/L			12/19/22 10:42	1
trans-1,2-Dichloroethene	<0.50		0.50		ug/L			12/19/22 10:42	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			12/19/22 10:42	1
Trichloroethene	<0.50		0.50		ug/L			12/19/22 10:42	1
Trichlorofluoromethane	<0.50		0.50		ug/L			12/19/22 10:42	1
Vinyl chloride	<0.50		0.50		ug/L			12/19/22 10:42	1
Xylenes, Total	<0.50		0.50		ug/L			12/19/22 10:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*80 - 120*		*12/19/22 10:42*	*1*
1,2-Dichlorobenzene-d4 (Surr)	*96*		*80 - 120*		*12/19/22 10:42*	*1*

Lab Sample ID: LCS 410-328426/5
Matrix: Drinking Water
Analysis Batch: 328426

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			5.00	4.97		ug/L		99	70 - 130		
1,1,2,2-Tetrachloroethane			5.00	5.36		ug/L		107	70 - 130		
1,1,2-Trichloroethane			5.00	5.33		ug/L		107	70 - 130		
1,1-Dichloroethane			5.00	5.08		ug/L		102	70 - 130		
1,1-Dichloroethene			5.00	5.44		ug/L		109	70 - 130		
1,2,4-Trimethylbenzene			5.00	5.29		ug/L		106	70 - 130		
1,2-Dichlorobenzene			5.00	5.25		ug/L		105	70 - 130		
1,2-Dichloroethane			5.00	4.95		ug/L		99	70 - 130		
1,2-Dichloropropane			5.00	5.16		ug/L		103	70 - 130		
1,3,5-Trimethylbenzene			5.00	5.13		ug/L		103	70 - 130		
1,3-Dichlorobenzene			5.00	5.33		ug/L		107	70 - 130		
1,4-Dichlorobenzene			5.00	5.29		ug/L		106	70 - 130		

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 410-328426/5
Matrix: Drinking Water
Analysis Batch: 328426

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone	62.5	61.6		ug/L		99	70 - 130
Acetone	62.5	51.8		ug/L		83	70 - 130
Acrolein	37.5	43.3	J	ug/L		116	70 - 130
Acrylonitrile	113	103		ug/L		92	70 - 130
Benzene	5.00	5.19		ug/L		104	70 - 130
Bromodichloromethane	5.00	5.38		ug/L		108	70 - 130
Bromoform	5.00	6.21		ug/L		124	70 - 130
Bromomethane	2.00	2.14		ug/L		107	70 - 130
Carbon tetrachloride	5.00	5.05		ug/L		101	70 - 130
Chlorobenzene	5.00	5.38		ug/L		108	70 - 130
Chloroethane	2.00	2.15		ug/L		107	70 - 130
Chloroform	5.00	5.10		ug/L		102	70 - 130
Chloromethane	2.00	2.02		ug/L		101	70 - 130
cis-1,2-Dichloroethene	5.00	5.42		ug/L		108	70 - 130
cis-1,3-Dichloropropene	5.00	5.41		ug/L		108	70 - 130
Dibromochloromethane	5.00	5.74		ug/L		115	70 - 130
tert-Butylbenzene	5.00	5.14		ug/L		103	70 - 130
di-Isopropyl ether	5.00	5.19		ug/L		104	70 - 130
Ethyl t-butyl ether	5.00	5.20		ug/L		104	70 - 130
Ethylbenzene	5.00	5.20		ug/L		104	70 - 130
Isopropylbenzene	5.00	5.19		ug/L		104	70 - 130
Methyl tertiary butyl ether	5.00	5.12		ug/L		102	70 - 130
Methylene Chloride	5.00	5.34		ug/L		107	70 - 130
Naphthalene	5.00	4.74		ug/L		95	70 - 130
n-Butylbenzene	5.00	5.19		ug/L		104	70 - 130
N-Propylbenzene	5.00	5.14		ug/L		103	70 - 130
p-Isopropyltoluene	5.00	5.39		ug/L		108	70 - 130
sec-Butylbenzene	5.00	5.40		ug/L		108	70 - 130
t-Amyl methyl ether	5.00	4.81		ug/L		96	70 - 130
t-Butyl alcohol	50.0	43.2		ug/L		86	70 - 130
Tetrachloroethene	5.00	5.22		ug/L		104	70 - 130
Toluene	5.00	5.26		ug/L		105	70 - 130
trans-1,2-Dichloroethene	5.00	5.23		ug/L		105	70 - 130
trans-1,3-Dichloropropene	5.00	5.42		ug/L		108	70 - 130
Trichloroethene	5.00	4.99		ug/L		100	70 - 130
Trichlorofluoromethane	2.00	1.85		ug/L		93	70 - 130
Vinyl chloride	2.00	2.04		ug/L		102	70 - 130
Xylenes, Total	15.0	15.9		ug/L		106	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*
1,2-Dichlorobenzene-d4 (Surr)	*107*		*80 - 120*

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

Lab Sample ID: MB 410-329690/6
Matrix: Water
Analysis Batch: 329690

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			12/22/22 10:23	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			12/22/22 10:23	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			12/22/22 10:23	1
1,1-Dichloroethane	<1.0		1.0		ug/L			12/22/22 10:23	1
1,1-Dichloroethene	<1.0		1.0		ug/L			12/22/22 10:23	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/L			12/22/22 10:23	1
1,2-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 10:23	1
1,2-Dichloroethane	<1.0		1.0		ug/L			12/22/22 10:23	1
1,2-Dichloropropane	<1.0		1.0		ug/L			12/22/22 10:23	1
1,3,5-Trichlorobenzene	<5.0		5.0		ug/L			12/22/22 10:23	1
1,3-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 10:23	1
1,4-Dichlorobenzene	<5.0		5.0		ug/L			12/22/22 10:23	1
2-Butanone	<10		10		ug/L			12/22/22 10:23	1
2-Chloroethyl vinyl ether	<10		10		ug/L			12/22/22 10:23	1
Acetone	<20		20		ug/L			12/22/22 10:23	1
Acrolein	<100		100		ug/L			12/22/22 10:23	1
Acrylonitrile	<20		20		ug/L			12/22/22 10:23	1
Benzene	<1.0		1.0		ug/L			12/22/22 10:23	1
Bromodichloromethane	<1.0		1.0		ug/L			12/22/22 10:23	1
Bromoform	<4.0		4.0		ug/L			12/22/22 10:23	1
Bromomethane	<1.0		1.0		ug/L			12/22/22 10:23	1
Carbon tetrachloride	<1.0		1.0		ug/L			12/22/22 10:23	1
Chlorobenzene	<1.0		1.0		ug/L			12/22/22 10:23	1
Chloroethane	<1.0		1.0		ug/L			12/22/22 10:23	1
Chloroform	<1.0		1.0		ug/L			12/22/22 10:23	1
Chloromethane	<2.0		2.0		ug/L			12/22/22 10:23	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			12/22/22 10:23	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 10:23	1
Dibromochloromethane	<1.0		1.0		ug/L			12/22/22 10:23	1
di-Isopropyl ether	<1.0		1.0		ug/L			12/22/22 10:23	1
Ethanol	<750		750		ug/L			12/22/22 10:23	1
Ethyl t-butyl ether	<1.0		1.0		ug/L			12/22/22 10:23	1
Ethylbenzene	<1.0		1.0		ug/L			12/22/22 10:23	1
Isopropylbenzene	<5.0		5.0		ug/L			12/22/22 10:23	1
Methyl tertiary butyl ether	<1.0		1.0		ug/L			12/22/22 10:23	1
Methylene Chloride	<1.0		1.0		ug/L			12/22/22 10:23	1
Naphthalene	<5.0		5.0		ug/L			12/22/22 10:23	1
n-Butylbenzene	<5.0		5.0		ug/L			12/22/22 10:23	1
N-Propylbenzene	<5.0		5.0		ug/L			12/22/22 10:23	1
p-Isopropyltoluene	<5.0		5.0		ug/L			12/22/22 10:23	1
sec-Butylbenzene	<5.0		5.0		ug/L			12/22/22 10:23	1
t-Amyl methyl ether	<5.0		5.0		ug/L			12/22/22 10:23	1
t-Butyl alcohol	<50		50		ug/L			12/22/22 10:23	1
Tetrachloroethene	<1.0		1.0		ug/L			12/22/22 10:23	1
Toluene	<1.0		1.0		ug/L			12/22/22 10:23	1
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			12/22/22 10:23	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			12/22/22 10:23	1
Trichloroethene	<1.0		1.0		ug/L			12/22/22 10:23	1

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

Lab Sample ID: MB 410-329690/6
Matrix: Water
Analysis Batch: 329690

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			12/22/22 10:23	1
Vinyl chloride	<1.0		1.0		ug/L			12/22/22 10:23	1
Xylenes, Total	<1.0		1.0		ug/L			12/22/22 10:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*12/22/22 10:23*	*1*
4-Bromofluorobenzene (Surr)	*83*		*80 - 120*		*12/22/22 10:23*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*12/22/22 10:23*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*12/22/22 10:23*	*1*

Lab Sample ID: LCS 410-329690/4
Matrix: Water
Analysis Batch: 329690

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	17.7		ug/L		89	67 - 126
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/L		99	72 - 120
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	80 - 120
1,1-Dichloroethane	20.0	17.9		ug/L		89	80 - 120
1,1-Dichloroethene	20.0	20.5		ug/L		102	80 - 131
1,2,4-Trimethylbenzene	20.0	21.6		ug/L		108	75 - 120
1,2-Dichlorobenzene	20.0	21.7		ug/L		108	80 - 120
1,2-Dichloroethane	20.0	18.1		ug/L		91	73 - 124
1,2-Dichloropropane	20.0	18.1		ug/L		90	80 - 120
1,3,5-Trichlorobenzene	20.0	22.9		ug/L		114	66 - 123
1,3-Dichlorobenzene	20.0	21.4		ug/L		107	80 - 120
1,4-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 120
2-Butanone	250	212		ug/L		85	59 - 135
2-Chloroethyl vinyl ether	20.0	16.8		ug/L		84	49 - 124
Acetone	250	316		ug/L		127	54 - 157
Acrolein	150	188		ug/L		125	47 - 136
Acrylonitrile	100	94.4		ug/L		94	60 - 129
Benzene	20.0	18.2		ug/L		91	80 - 120
Bromodichloromethane	20.0	16.9		ug/L		84	71 - 120
Bromoform	20.0	18.2		ug/L		91	51 - 120
Bromomethane	20.0	17.8		ug/L		89	53 - 128
Carbon tetrachloride	20.0	19.0		ug/L		95	64 - 134
Chlorobenzene	20.0	20.5		ug/L		102	80 - 120
Chloroethane	20.0	18.8		ug/L		94	55 - 123
Chloroform	20.0	17.0		ug/L		85	80 - 120
Chloromethane	20.0	18.7		ug/L		93	56 - 121
cis-1,2-Dichloroethene	20.0	19.0		ug/L		95	80 - 125
cis-1,3-Dichloropropene	20.0	16.4		ug/L		82	75 - 120
Dibromochloromethane	20.0	20.5		ug/L		102	71 - 120
di-Isopropyl ether	20.0	17.8		ug/L		89	70 - 124
Ethanol	1000	848		ug/L		85	31 - 180
Ethyl t-butyl ether	20.0	17.6		ug/L		88	68 - 121
Ethylbenzene	20.0	20.6		ug/L		103	80 - 120

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

Lab Sample ID: LCS 410-329690/4
Matrix: Water
Analysis Batch: 329690

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	22.2		ug/L		111	80 - 120
Methyl tertiary butyl ether	20.0	17.3		ug/L		86	69 - 122
Methylene Chloride	20.0	19.1		ug/L		96	80 - 120
Naphthalene	20.0	20.7		ug/L		104	53 - 124
n-Butylbenzene	20.0	21.2		ug/L		106	76 - 120
N-Propylbenzene	20.0	22.4		ug/L		112	79 - 121
p-Isopropyltoluene	20.0	24.1	*+	ug/L		121	76 - 120
sec-Butylbenzene	20.0	23.9		ug/L		119	77 - 120
t-Amyl methyl ether	20.0	17.1		ug/L		86	66 - 120
t-Butyl alcohol	200	186		ug/L		93	60 - 130
Tetrachloroethene	20.0	23.7		ug/L		118	80 - 120
Toluene	20.0	20.9		ug/L		104	80 - 120
trans-1,2-Dichloroethene	20.0	17.8		ug/L		89	80 - 126
trans-1,3-Dichloropropene	20.0	18.0		ug/L		90	67 - 120
Trichloroethene	20.0	18.2		ug/L		91	80 - 120
Trichlorofluoromethane	20.0	16.4		ug/L		82	55 - 135
Vinyl chloride	20.0	17.4		ug/L		87	56 - 120
Xylenes, Total	60.0	62.5		ug/L		104	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*85*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

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

Lab Sample ID: MB 410-328360/1-A
Matrix: Water
Analysis Batch: 328499

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 328360

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
DRO (C10-C28) (1C)	<0.11		0.11	mg/L		12/19/22 06:06	12/19/22 13:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o- terphenyl (Surr) (1C)	*127*		*37 - 153*	*12/19/22 06:06*	*12/19/22 13:55*	*1*

Lab Sample ID: LCS 410-328360/2-A
Matrix: Water
Analysis Batch: 328499

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 328360

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
DRO (C10-C28) (1C)	2.69	2.82		mg/L		105	78 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o- terphenyl (Surr) (1C)	*127*		*37 - 153*

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

Lab Sample ID: LCSD 410-328360/3-A
Matrix: Water
Analysis Batch: 328499

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 328360

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
DRO (C10-C28) (1C)			2.69	2.86		mg/L		106	78 - 133	2	20

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

GC/MS VOA

Analysis Batch: 327898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-108990-9	1836 Pville Rd	Total/NA	Drinking Water	524.2	
MB 410-327898/7	Method Blank	Total/NA	Drinking Water	524.2	
LCS 410-327898/5	Lab Control Sample	Total/NA	Drinking Water	524.2	

Analysis Batch: 328426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-108990-11	Trip Blank	Total/NA	Water	524.2	
MB 410-328426/7	Method Blank	Total/NA	Drinking Water	524.2	
LCS 410-328426/5	Lab Control Sample	Total/NA	Drinking Water	524.2	

Analysis Batch: 329690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-108990-1	BR-1	Total/NA	Groundwater	8260C	
410-108990-2	MW-1	Total/NA	Groundwater	8260C	
410-108990-3	MW-2	Total/NA	Groundwater	8260C	
410-108990-4	MW-3	Total/NA	Groundwater	8260C	
410-108990-5	MW-7	Total/NA	Groundwater	8260C	
410-108990-6	MW-8	Total/NA	Groundwater	8260C	
410-108990-7	MW-9	Total/NA	Groundwater	8260C	
410-108990-8	MW-13	Total/NA	Groundwater	8260C	
MB 410-329690/6	Method Blank	Total/NA	Water	8260C	
LCS 410-329690/4	Lab Control Sample	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 328360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-108990-1	BR-1	Total/NA	Groundwater	3511	
410-108990-2	MW-1	Total/NA	Groundwater	3511	
410-108990-3	MW-2	Total/NA	Groundwater	3511	
410-108990-4	MW-3	Total/NA	Groundwater	3511	
410-108990-5	MW-7	Total/NA	Groundwater	3511	
410-108990-6	MW-8	Total/NA	Groundwater	3511	
410-108990-7	MW-9	Total/NA	Groundwater	3511	
410-108990-8	MW-13	Total/NA	Groundwater	3511	
MB 410-328360/1-A	Method Blank	Total/NA	Water	3511	
LCS 410-328360/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 410-328360/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 328499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-108990-1	BR-1	Total/NA	Groundwater	8015C	328360
410-108990-2	MW-1	Total/NA	Groundwater	8015C	328360
410-108990-3	MW-2	Total/NA	Groundwater	8015C	328360
410-108990-4	MW-3	Total/NA	Groundwater	8015C	328360
410-108990-5	MW-7	Total/NA	Groundwater	8015C	328360
410-108990-6	MW-8	Total/NA	Groundwater	8015C	328360
410-108990-7	MW-9	Total/NA	Groundwater	8015C	328360
410-108990-8	MW-13	Total/NA	Groundwater	8015C	328360
MB 410-328360/1-A	Method Blank	Total/NA	Water	8015C	328360
LCS 410-328360/2-A	Lab Control Sample	Total/NA	Water	8015C	328360

GC Semi VOA (Continued)

Analysis Batch: 328499 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 410-328360/3-A	Lab Control Sample Dup	Total/NA	Water	8015C	328360

Client Sample ID: BR-1

Lab Sample ID: 410-108990-1

Date Collected: 12/12/22 09:45

Matrix: Groundwater

Date Received: 12/13/22 14:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	329690	ULCP	ELLE	12/22/22 14:00
Total/NA	Prep	3511			328360	UMAD	ELLE	12/19/22 06:06
Total/NA	Analysis	8015C		1	328499	IUSB	ELLE	12/19/22 15:54

Client Sample ID: MW-1

Lab Sample ID: 410-108990-2

Date Collected: 12/12/22 11:20

Matrix: Groundwater

Date Received: 12/13/22 14:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	329690	ULCP	ELLE	12/22/22 14:20
Total/NA	Prep	3511			328360	UMAD	ELLE	12/19/22 06:06
Total/NA	Analysis	8015C		1	328499	IUSB	ELLE	12/19/22 16:18

Client Sample ID: MW-2

Lab Sample ID: 410-108990-3

Date Collected: 12/12/22 16:40

Matrix: Groundwater

Date Received: 12/13/22 14:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	329690	ULCP	ELLE	12/22/22 14:40
Total/NA	Prep	3511			328360	UMAD	ELLE	12/19/22 06:06
Total/NA	Analysis	8015C		1	328499	IUSB	ELLE	12/19/22 16:42

Client Sample ID: MW-3

Lab Sample ID: 410-108990-4

Date Collected: 12/12/22 14:00

Matrix: Groundwater

Date Received: 12/13/22 14:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	329690	ULCP	ELLE	12/22/22 15:00
Total/NA	Prep	3511			328360	UMAD	ELLE	12/19/22 06:06
Total/NA	Analysis	8015C		1	328499	IUSB	ELLE	12/19/22 17:06

Client Sample ID: MW-7

Lab Sample ID: 410-108990-5

Date Collected: 12/12/22 15:00

Matrix: Groundwater

Date Received: 12/13/22 14:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	329690	ULCP	ELLE	12/22/22 15:20
Total/NA	Prep	3511			328360	UMAD	ELLE	12/19/22 06:06
Total/NA	Analysis	8015C		1	328499	IUSB	ELLE	12/19/22 17:30

Client Sample ID: MW-8

Lab Sample ID: 410-108990-6

Date Collected: 12/12/22 13:15

Matrix: Groundwater

Date Received: 12/13/22 14:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	329690	ULCP	ELLE	12/22/22 15:39

Lab Chronicle

Client: Kleinfelder Inc
Job ID: 410-108990-1
Project/Site: Southside Oil 20025

Client Sample ID: MW-8
Lab Sample ID: 410-108990-6
Date Collected: 12/12/22 13:15
Matrix: Groundwater
Date Received: 12/13/22 14:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			328360	UMAD	ELLE	12/19/22 06:06
Total/NA	Analysis	8015C		1	328499	IUSB	ELLE	12/19/22 17:54

Client Sample ID: MW-9
Lab Sample ID: 410-108990-7
Date Collected: 12/12/22 12:30
Matrix: Groundwater
Date Received: 12/13/22 14:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	329690	ULCP	ELLE	12/22/22 15:59
Total/NA	Prep	3511			328360	UMAD	ELLE	12/19/22 06:06
Total/NA	Analysis	8015C		1	328499	IUSB	ELLE	12/19/22 18:18

Client Sample ID: MW-13
Lab Sample ID: 410-108990-8
Date Collected: 12/12/22 10:15
Matrix: Groundwater
Date Received: 12/13/22 14:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	329690	ULCP	ELLE	12/22/22 16:19
Total/NA	Prep	3511			328360	UMAD	ELLE	12/19/22 06:06
Total/NA	Analysis	8015C		1	328499	IUSB	ELLE	12/19/22 18:42

Client Sample ID: 1836 Pville Rd
Lab Sample ID: 410-108990-9
Date Collected: 12/12/22 15:20
Matrix: Drinking Water
Date Received: 12/13/22 14:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	327898	UJML	ELLE	12/16/22 19:42

Client Sample ID: Trip Blank
Lab Sample ID: 410-108990-11
Date Collected: 12/12/22 00:00
Matrix: Water
Date Received: 12/13/22 14:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	328426	UJML	ELLE	12/19/22 11:30

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: 410-108990-1

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
524.2		Drinking Water	1,1,2,2-Tetrachloroethane
524.2		Drinking Water	1,1-Dichloroethane
524.2		Drinking Water	1,2,4-Trimethylbenzene
524.2		Drinking Water	1,3,5-Trimethylbenzene
524.2		Drinking Water	1,3-Dichlorobenzene
524.2		Drinking Water	2-Butanone
524.2		Drinking Water	Acetone
524.2		Drinking Water	Acrolein
524.2		Drinking Water	Acrylonitrile
524.2		Drinking Water	Bromomethane
524.2		Drinking Water	Chloroethane
524.2		Drinking Water	Chloromethane
524.2		Drinking Water	cis-1,3-Dichloropropene
524.2		Drinking Water	di-Isopropyl ether
524.2		Drinking Water	Ethyl t-butyl ether
524.2		Drinking Water	Isopropylbenzene
524.2		Drinking Water	Methyl tertiary butyl ether
524.2		Drinking Water	Naphthalene
524.2		Drinking Water	n-Butylbenzene
524.2		Drinking Water	N-Propylbenzene
524.2		Drinking Water	p-Isopropyltoluene
524.2		Drinking Water	sec-Butylbenzene
524.2		Drinking Water	t-Amyl methyl ether
524.2		Drinking Water	t-Butyl alcohol
524.2		Drinking Water	tert-Butylbenzene
524.2		Drinking Water	trans-1,3-Dichloropropene
524.2		Drinking Water	Trichlorofluoromethane
524.2		Water	1,1,2,2-Tetrachloroethane
524.2		Water	1,1-Dichloroethane
524.2		Water	1,2,4-Trimethylbenzene
524.2		Water	1,3,5-Trimethylbenzene
524.2		Water	1,3-Dichlorobenzene
524.2		Water	2-Butanone
524.2		Water	Acetone
524.2		Water	Acrolein
524.2		Water	Acrylonitrile
524.2		Water	Bromomethane
524.2		Water	Chloroethane
524.2		Water	Chloromethane
524.2		Water	cis-1,3-Dichloropropene
524.2		Water	di-Isopropyl ether
524.2		Water	Ethyl t-butyl ether
524.2		Water	Isopropylbenzene
524.2		Water	Methyl tertiary butyl ether
524.2		Water	Naphthalene

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
524.2		Water	n-Butylbenzene
524.2		Water	N-Propylbenzene
524.2		Water	p-Isopropyltoluene
524.2		Water	sec-Butylbenzene
524.2		Water	t-Amyl methyl ether
524.2		Water	t-Butyl alcohol
524.2		Water	tert-Butylbenzene
524.2		Water	trans-1,3-Dichloropropene
524.2		Water	Trichlorofluoromethane
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

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	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
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: 410-108990-1
Project/Site: Southside Oil 20025

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	ELLE
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:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

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

Eurofins Lancaster Laboratories Environme
2425 New Holland Pike
Lancaster, PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

Chain of Custody Record

410-108990 Chain of Custody

eurofins | Environment Testing

Client Information	Sampler: Eric Fagre	Lab PM: Moeller, Megan	COC No: 410-71935-21057.1
Client Contact: Mark Steele	Phone:	E-Mail: Megan.Moeller@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: Kleinfelder Inc	PWSID:	Analysis Requested	Job #:
Address: 1745 Dorsey Road Suite J	Due Date Requested:		Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City: Hanover	TAT Requested (days): Normal		
State, Zip: MD, 21076	Compliance Project: Δ Yes Δ No		
Phone:	PO #: (See COC) 00113847.000A/		
Email: mcsteele@kleinfelder.com	WO #: 03-1000		
Project Name: SSO 2025	Project #: 41005671		
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Full List VOCs +oxy 8260	TPH - DRO 8015	Ethanol 8260	Full List VOCs +OXY 524.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
BR-1	12/12	0945	G	W			X	X	X		5	
MW-1		1120					X	X	X			
MW-2		1640					X	X	X			
MW-3		1400					X	X	X			
MW-7		1500					X	X	X			
MW-8		1315					X	X	X			
MW-9		1230					X	X	X			
MW-13		1015					X	X	X		↓	
1836 Prville Rd	↓	1520	↓	↓						X	3	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Eric Fagre	12/13/22 0900	KLF			
2		12/13/22 1406	ELLE		12/13/22 0840	ELLE
3						
4					12/13/22 1406	ELLE T

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.8 | 1.0

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: Kleinfelder Inc

Job Number: 410-108990-1

Login Number: 108990

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: McBeth, Jessica

Question	Answer	Comment
The cooler's custody seal is intact.	True	
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	Received Trip Blank(s) not listed on COC.
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.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

Definitions/Glossary

Client: Kleinfelder Inc
Job ID: 410-108990-1
Project/Site: Southside Oil 20025

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
cn	Refer to Case Narrative for further detail
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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